

ANNEX G

CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS

Water Quality Monitoring Data Log Sheet

Date: 2021/05/03

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*						
E6	Cloudy	Calm	16:42	6.1	S	0.55	50	25.89	25.90	24.39	24.39	7.99	7.99	102.4	102.6	7.25	7.21	3.1	3.0	3.5	4.0	3.6	3.3							
						0.42	168	25.90		24.38		7.99		102.8		7.28		2.9			3.2									
						0.89	105	25.87	24.39	8.00	100.7	7.14	3.0	3.0																
					M	0.69	204	25.87	25.87	24.39	7.99	101.4	7.18	3.1	7.16	3.1	3.1	3.6	3.3											
						B	0.57	144	25.24	25.22	25.35	25.44	8.02	8.01	91.6	91.4	6.53	6.51	4.4		6.51	4.5		4.5	3.2	3.1				
							1.08	4	25.19		25.53		8.00		91.1		6.49		3.0											
IM17	Cloudy	Calm	17:07	5.1	S	1.08	283	25.49	25.49	24.75	24.75	7.96	7.96	102.0	102.0	7.26	7.26	3.3	3.3	3.6	2.8	2.7	3.2							
						0.75	188	25.49		24.74		7.96		102.0		7.26		3.3			2.5									
						0.78	182	25.44	24.76	7.97	99.9	7.12	4.1	3.6																
					B	0.69	179	25.48	25.46	24.75	7.97	100.5	7.20	7.16	7.16	3.7	3.9	3.7	3.7											
						S	0.35	323	25.60	25.60	24.80	24.80	7.96	7.96	99.9	100.3	7.10	6.62	2.8		6.62	2.8		7.6	3.6	3.5				
							0.89	57	25.60		24.80		7.96		100.7		7.15		2.7			3.4								
IM18	Cloudy	Calm	17:19	17.2	M	0.52	238	25.11	25.12	27.05	27.00	7.92	7.92	86.6	86.6	6.12	6.12	3.6	3.6	7.6	3.2	3.5	8.9							
						0.90	154	25.13		26.94		7.92		86.5		6.12		3.6			3.8									
						B	1.06	183	24.72	24.72	29.48	29.47	7.87	7.87	75.1	75.0		5.27			5.26			16.6	5.26	16.6	16.6	20.1	19.8	
					1.48		186	24.72	29.46		7.87		74.8		5.25		16.5	19.5												
					IM19		Cloudy	Calm	17:36	17.8	S	1.52	223	25.73	25.72	24.62	24.64	7.95	7.95		99.2	99.6		7.04	6.63	2.7	2.9	6.6	2.7	2.8
						0.35						10	25.70	24.65		7.95		99.9			7.09			3.1		2.9				
M	0.33	164	25.18	25.18		26.71						26.73	7.91	7.91	87.4	87.6	6.19	6.20	3.5	6.20	3.4	6.6	3.8	3.5						
	0.40	107	25.17			26.75					7.91		87.8		6.21		3.2		3.2											
	B	0.97	185	24.72		24.72					29.68	29.69	7.89	7.89	79.5	79.2	5.58	5.56	12.4	5.56	13.5	6.6	11.7	14.6						
0.85		95	24.71	29.69							7.89		78.8		5.53		14.6		17.4											

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: 2021/05/03

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*		
E5	Cloudy	Calm	04:59	6.0	S	0.52	43	25.09	25.10	23.01	22.85	7.87	7.87	93.9	93.9	6.80	6.81	6.69	5.1	4.9	7.6	4.3	4.2	7.1
						0.52	43	25.11		22.68		7.86		93.9		6.81			4.7			4.1		
						1.48	4	24.97		26.88		7.89		92.9		6.59			7.4			7.4		
					M	0.99	2	24.98	26.96	7.90	92.7	6.57	7.4	7.4										
						0.45	16	24.98	27.71	7.88	91.3	6.45	10.6	10.5										
						0.45	16	24.98	27.70	7.88	90.7	6.40	10.4	10.5										
F6	Cloudy	Calm	05:25	13.8	S	0.92	252	25.27	25.28	23.28	23.32	7.84	7.84	92.5	92.8	6.66	6.68	6.40	3.3	3.3	6.3	3.7	3.5	7.4
						0.92	252	25.28		23.35		7.83		93.0		6.70			3.3			3.2		
						0.42	179	25.13		26.65		7.84		86.1		6.10			7.6			8.4		
					M	0.17	266	25.16	26.51	7.84	86.5	6.13	7.2	7.4										
						0.34	19	24.87	28.52	7.82	81.2	5.72	8.4	8.3										
						0.34	19	24.86	28.58	7.82	80.5	5.67	8.1	10.8										
IM17	Cloudy	Calm	04:31	4.6	S	0.47	299	25.23	25.23	22.95	22.95	7.83	7.83	91.6	91.6	6.62	6.62	6.62	6.0	6.0	7.1	4.3	4.7	6.0
						1.00	329	25.23		22.95		7.83		91.5		6.61			5.9			5.0		
					B	0.35	44	25.14	23.81	23.82	7.84	7.84	92.2	92.1	6.64	6.63	8.3	8.3	8.3	7.0	7.4			
						0.35	44	25.14	23.82		7.84		91.9		6.62		8.3		7.7					
IM18	Cloudy	Calm	04:18	16.8	S	0.86	294	25.26	25.27	22.14	21.74	7.82	7.82	88.4	88.9	6.41	6.46	6.33	5.1	4.8	6.8	4.1	4.6	7.9
						0.86	294	25.27		21.34		7.81		89.4		6.51			4.4			5.1		
						0.40	63	25.22		26.54		7.85		87.1		6.17			5.6			5.6		
					M	1.13	330	25.23	26.38	7.85	87.8	6.22	5.1	5.4										
						0.52	324	24.90	28.62	7.83	82.7	5.82	10.4	10.4										
						0.60	11	24.90	28.58	7.83	82.7	5.82	10.4	10.4										
IM19	Cloudy	Calm	04:04	17.1	S	0.50	38	25.54	25.53	22.77	22.70	7.86	7.85	90.7	90.9	6.52	6.54	6.45	4.2	4.2	7.4	4.4	4.1	8.3
						0.50	38	25.51		22.62		7.84		91.0		6.55			4.1			3.8		
						0.85	305	25.48		24.85		7.90		89.4		6.36			4.9			4.4		
					M	0.54	311	25.45	25.05	24.95	7.88	7.89	89.6	89.5	6.37	6.37	4.7	4.8	4.6	4.5				
						0.33	197	24.77	29.44		7.93		81.4		5.71		16.7		16.3					
						0.87	343	24.77	29.45		7.92		80.4		5.64		13.3							

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/05

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	08:32	6.2	S	0.33	269	25.65	25.65	19.92	19.94	7.84	7.84	99.0	99.2	7.22	7.23	7.08	7.84	7.8	7.8	3.8	3.9	4.6	
						0.54	182	25.65		19.95		7.84		99.3		7.24		7.84	3.9						
						0.56	53	25.76	21.82	21.87	7.84	7.84	96.3	6.94	6.94	7.84	7.8	3.7							
					M	0.56	53	25.76	25.76	21.91	25.48	7.83	7.84	96.3	96.3	6.93	6.63	6.63	6.63	7.84	7.8	7.8	6.5		6.3
						0.27	50	25.48		26.43		7.84		94.4		6.66		7.84		6.0					
						0.51	28	25.48	26.42	7.84	93.4	6.59	7.84	6.0											
IM17	Cloudy	Calm	09:22	5.2	S	0.92	115	25.67	25.67	21.69	21.65	7.85	7.85	101.9	102.0	7.36	7.37	7.37	7.85	7.9	7.9	2.4	2.6	4.3	
						0.92	115	25.67		21.60		7.85		102.0		7.37		7.85	2.8						
						0.30	311	25.55	25.80	7.86	100.9	7.13	7.86	5.7											
					B	0.87	85	25.55	25.55	25.79	25.80	7.86	7.86	99.9	99.9	6.98	7.06	7.06	7.06	7.86	7.9	7.9	6.4		6.1
						0.89	208	25.89		20.63		7.85		102.4		7.41		7.85		6.4					
						0.39	183	25.29	25.28	27.56	27.61	7.83	7.83	90.7	90.8	6.38	6.38	7.83	7.8	4.0	3.5				
M	0.39	183	25.27	25.28	27.66	27.61	7.83	7.83	90.8	90.8	6.38	6.38	7.83	7.8	7.83	7.9	7.8	6.7	6.6						
	1.20	103	24.78		30.15		7.81		81.8		5.72		7.81		9.5										
	1.20	103	24.78	30.16	7.81	81.5	5.69	7.81	10.6																
IM18	Cloudy	Calm	09:06	17.4	S	0.84	188	25.93	25.91	20.20	20.42	7.86	7.86	102.7	102.6	7.44	7.43	6.90	7.86	7.9	7.8	4.0	3.5	6.7	
						0.89	208	25.89		20.63		7.85		102.4		7.41		7.85	3.0						
						0.39	183	25.29	25.28	27.56	27.61	7.83	7.83	90.7	90.8	6.38	6.38	7.83	7.8	7.83		7.9	6.7		
					M	0.39	183	25.27	25.28	27.66	27.61	7.83	7.83	90.8	90.8	6.38	6.38	7.83	7.8	7.83	7.9	7.8	6.5		6.6
						1.20	103	24.78		30.15		7.81		81.8		5.72		7.81		9.5					
						1.20	103	24.78	30.16	7.81	81.5	5.69	7.81	10.6											
IM19	Cloudy	Calm	08:02	18.4	S	0.64	190	25.92	25.92	22.41	22.40	7.90	7.90	100.9	101.1	7.22	7.24	6.69	7.90	7.9	7.9	2.4	2.7	6.9	
						0.79	315	25.91		22.39		7.89		101.2		7.25		7.89	3.0						
						0.50	74	24.99	25.04	29.05	28.86	7.89	7.89	87.0	87.6	6.10	6.14	7.89	7.9	7.89		7.9	4.7		5.2
					M	0.45	239	25.08	25.04	28.66	28.86	7.89	7.89	88.1	87.6	6.18	6.14	7.89	7.9	7.89	7.9	7.9	5.6		
						0.28	215	24.90		24.91		29.56		29.54		7.92		7.92		84.4			84.3		5.91
						0.36	246	24.91	29.51	7.91	84.2	5.89	7.91	13.6	13.0										

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/05

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*					
E5	Fine	Calm	13:43	6.4	S	0.21	91	26.88	26.85	19.86	20.07	8.07	8.07	112.1	112.3	8.01	8.02	8.16	2.3	2.4	3.9	2.2	2.4	4.6			
						0.21	91	26.82		20.28		8.07		112.4		8.02			2.5			2.5					
						0.95	316	26.04	26.04	23.81	23.83	8.10	8.11	115.1	117.0	8.16	8.30		2.6	2.4		2.4					
					0.71	244	26.04	23.84		8.11		118.9		8.43		2.1			2.4								
					0.16	47	25.48	27.08		27.11		8.04		8.04		103.3			101.7			7.26	7.15		6.6	6.9	9.4
					0.16	47	25.46	27.13	8.03		100.0	7.03	7.1		8.5												
F6	Fine	Calm	14:17	14.3	S	0.23	223	27.02	27.03	22.74	22.73	8.07	8.07	111.0	111.9	7.78	7.85	7.02	2.1	2.3	6.6	2.2	2.4	8.5			
						1.03	14	27.03		22.72		8.07		112.8		7.91			2.4			2.6					
						0.29	323	25.32	25.33	27.53	27.49	7.98	7.98	88.4	88.2	6.21	6.20		3.0	3.3		3.8					
					0.29	323	25.33	27.44		7.97		87.9		6.18		3.5			3.7								
					B	0.47	21	24.75	24.75	30.20	30.21	7.97	7.97	80.4	80.0	5.62	5.59		5.59	5.59		14.1	14.4		20.1	19.6	19.0
						0.52	346	24.75		30.22		7.96		79.6		5.56			14.7			14.7					
0.61	94	26.70	26.69	15.59		16.03	8.02	8.02		103.1		103.2		7.57		7.56		7.56	3.3		3.3						
0.61	94	26.67		16.46	8.01		103.2		7.54	3.3	3.6																
B	0.63	207	25.79	25.77	22.70	23.30	7.98	7.98	97.5	95.8	6.98	6.84	6.84	6.84	3.5	3.8	3.2	3.1	3.0								
	0.74	291	25.75		23.90		7.97		94.1		6.70		4.0		3.0												
	0.59	103	26.73		26.76		20.93		20.87		8.03		8.03		104.8		105.2		7.46	7.49	7.49	2.5	2.4	2.1	2.6	2.1	
0.84	102	26.79	20.81	8.03		105.6	7.51	2.3		3.0																	
M	0.06	163	25.26	25.26	27.75	27.76	7.96	7.96	85.6	86.5	6.01	6.08	6.08	6.08	4.1	4.0	3.1	3.1	3.1								
	0.10	171	25.26		27.77		7.96		87.4		6.14		3.8		3.0												
	0.21	82	24.85		24.85		29.58		29.58		7.95		7.95		78.0		77.4		5.46	5.42	5.42	5.3	5.7	6.8	6.4	6.8	
0.21	82	24.85	29.58	7.94		76.7	5.37	6.0		6.0																	
IM17	Fine	Calm	13:08	5.2	S	0.61	94	26.67	26.69	15.59	16.03	8.02	8.02	103.1	103.2	7.57	7.56	7.56	3.3	3.3	3.5	2.8	3.2	3.2			
						0.61	94	26.67		16.46		8.01		103.2		7.54		3.3				3.6					
					B	0.63	207	25.79	25.77	22.70	23.30	7.98	7.98	97.5	95.8	6.98	6.84	6.84	6.84	3.5		3.8	3.2		3.1	3.0	
0.74	291	25.75	23.90	7.97		94.1	6.70	4.0		3.0																	
IM18	Fine	Calm	12:49	17.4	S	0.59	103	26.73	26.76	20.93	20.87	8.03	8.03	104.8	105.2	7.46	7.49	6.78	2.5	2.4	4.0	2.1	2.6	4.0			
						0.84	102	26.79		20.81		8.03		105.6		7.51			2.3			3.0					
						0.06	163	25.26	25.26	27.75	27.76	7.96	7.96	85.6	86.5	6.01	6.08		6.08	6.08		4.1	4.0		3.1	3.1	3.1
					0.10	171	25.26	27.77		7.96		87.4		6.14		3.8			3.0								
					B	0.21	82	24.85	24.85	29.58	29.58	7.95	7.95	78.0	77.4	5.46	5.42		5.42	5.42		5.3	5.7		6.8	6.4	6.8
						0.21	82	24.85		29.58		7.94		76.7		5.37			6.0			6.0					
0.02	207	26.78	26.78	20.86		20.89	8.09	8.09		110.5		111.3		7.86		7.92		7.92	7.92		2.6	2.4		2.6	3.0		2.6
0.02	207	26.77		20.91	8.09		112.0		7.97	2.2	3.4																
IM19	Fine	Calm	12:32	17.5	S	0.76	337	25.17	25.17	28.14	28.16	8.01	8.01	84.9	84.9	5.96	5.96	6.94	3.5	3.5	3.8	3.8	3.6	4.4			
						0.69	249	25.16		25.17		28.18		28.16		8.00			8.01			84.9			84.9	5.96	5.96
					M	0.46	276	25.01	25.00		29.07	29.09	8.02		8.02	81.6	81.4			5.71		5.70	5.70			5.5	
						0.48	313	24.99		29.11	8.01		81.2	5.69		5.5			6.3								

Remark: * DA: Depth-Averaged

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/07

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	Fine	Moderate	09:43	6.0	S	1.30	342	26.00	26.01	18.12	18.07	7.98	7.98	95.6	97.3	7.00	7.13	6.71	2.7	2.9	4.7	5.4	5.1	7.1
						1.30	342	26.01		18.02		7.97		98.9		7.25			3.0			4.8		
						0.16	50	25.76	25.77	22.79	22.66	7.92	7.92	87.7	87.7	6.28	6.29	5.1	5.1	6.0	6.5			
					1.26	185	25.77	22.52		7.91		87.7		6.29		5.1		6.0						
					0.41	319	25.58	26.13		7.96		89.5		6.31		6.1		10.2						
					IM17	Fine	Moderate	10:06	4.9	S	0.28	227	25.88	25.89	22.86	22.77	8.03	8.03	110.1	110.6	7.87	7.91	7.91	2.8
0.34	54	25.89	22.67	8.03							111.1	7.95	2.7		2.4									
0.07	28	25.84	25.84	24.14							24.16	7.97	7.98	99.5	100.9	7.06	7.16	7.16	6.7	6.6	6.7	6.8		
0.17	247	25.84		24.18						7.98		102.2		7.25		6.6		6.6						
0.69	350	26.43		26.45						20.09		20.31		8.13		8.13		123.0	126.6	8.84		9.09	7.63	2.9
0.58	54	26.46	20.52							8.13	130.2		9.33	4.4	4.4									
IM18	Fine	Moderate	10:17	17.0	S	0.17	125	25.32	25.32	28.98	28.97	7.93	7.93	87.8	88.6	6.12	6.18	7.63	5.5	5.3	5.0	6.5	6.9	8.3
						0.59	1	25.32		28.96		7.93		89.4		6.23			5.0			7.2		
						0.83	125	24.91	24.91	30.76	30.76	7.88	7.88	86.1	86.1	5.98	5.98	5.98	6.7	7.2	13.0			
					0.83	125	24.90	30.76		7.88		86.1		5.98		7.6		13.2						
					0.05	222	26.58	26.55		20.08		20.45		8.07		8.06		116.8	117.1		8.38	8.39	7.11	3.1
					1.10	150	26.51		20.81	8.05	117.3		8.39	2.9	5.3									
IM19	Fine	Moderate	10:30	17.0	M	0.73	130	25.42	25.44	28.08	27.98	7.90	7.90	83.9	83.5	5.87	5.84	7.11	5.9	6.1	4.7	8.5	8.8	8.0
						0.25	267	25.46		27.88		7.89		83.1		5.81			6.3			9.0		
						0.75	125	25.09	25.09	30.15	30.16	7.92	7.92	85.5	85.0	5.94	5.91	5.91	5.1	5.1	9.4			
					0.91	103	25.08	30.17		7.92		84.5		5.87		5.1		10.1						
					0.91	103	25.08	30.17		7.92		84.5		5.87		5.1		10.1						

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: 2021/05/07

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Sunny	Moderate	15:52	6.0	S	0.64	158	26.84	26.85	14.60	14.57	8.11	8.10	118.7	117.4	8.74	8.64	9.19	2.8	2.8	4.2	4.7	5.1	9.2
						0.64	158	26.85		14.54		8.09		116.0		8.54		2.7	5.5					
						0.18	103	26.45		20.01		8.18		135.6		9.70		2.5	6.9					
					M	0.18	103	26.42	20.75	8.17	136.6	9.79	2.8	6.3										
						0.76	145	25.90	25.63	8.05	112.8	7.93	7.1	16.8										
						0.19	259	25.91	25.49	8.05	111.7	7.86	7.1	15.1										
F6	Sunny	Moderate	16:16	13.1	S	0.52	84	26.55	26.51	21.76	21.71	8.10	8.10	120.7	120.8	8.58	8.60	7.68	3.6	3.6	10.3	5.8	6.2	12.5
						0.33	276	26.47		21.65		8.10		120.9		8.61		3.6	6.5					
						0.36	54	25.75		26.54		7.97		95.9		6.73		4.0	3.3					
					M	0.55	284	25.73	26.56	7.97	96.8	6.79	3.6	3.6										
						0.74	310	24.98	30.65	7.91	84.4	5.86	23.4	29.3										
						0.69	288	24.97	30.69	7.90	79.2	5.50	23.7	26.7										
IM17	Sunny	Moderate	15:27	4.2	S	1.22	280	26.11	26.17	18.39	17.83	7.94	7.95	96.8	97.9	7.07	7.16	7.16	4.3	4.3	5.0	7.4	7.5	8.6
						1.22	280	26.22		17.26		7.95		98.9		7.25		4.2	7.6					
						0.50	226	25.99		22.73		8.00		104.9		7.49		5.5	9.9					
					B	0.50	226	25.89	23.18	7.97	104.1	7.42	6.1	9.4										
						0.09	338	26.79	13.28	8.02	106.1	7.88	3.8	5.5										
						0.52	166	26.79	13.36	8.01	106.9	7.93	3.5	6.0										
IM18	Sunny	Moderate	15:16	16.4	M	0.74	347	25.61	25.59	26.27	26.23	7.94	7.93	80.7	84.1	5.68	5.92	6.91	4.1	4.1	4.6	5.9	6.2	6.8
						0.09	349	25.57		26.18		7.92		87.4		6.16		4.0	6.5					
						1.03	242	25.12		29.63		7.92		82.4		5.74		5.9	8.0					
					B	0.82	178	25.12	29.60	7.91	80.5	5.61	6.3	9.0										
						0.38	191	27.10	27.11	11.92	8.16	122.7	9.13	3.3	7.4									
						0.38	191	27.11	12.18	8.10	115.4	8.57	3.2	6.8										
IM19	Sunny	Moderate	15:03	17.1	M	0.20	337	25.70	25.67	26.39	26.51	7.98	7.98	90.1	89.7	6.33	6.30	7.58	6.9	6.8	7.1	9.7	9.8	9.3
						0.24	179	25.63		26.63		7.97		89.3		6.27		6.7	9.9					
						1.07	323	25.10		29.94		7.98		82.0		5.71		10.5	11.7					
					B	1.17	120	25.09	29.99	7.97	81.2	5.65	11.7	10.5										

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: 2021/05/10

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*		
E6	Fine	Calm	12:50	6.4	S	1.71	122	27.29	27.32	17.96	17.95	7.95	7.95	98.3	98.7	7.05	7.08	6.76	5.0	4.9	6.5	4.6	4.7	7.4		
						1.71	122	27.34		17.94		7.94		99.1		7.10			4.8							
						1.43	140	26.09	25.95	25.43	7.93	91.6	6.41	5.7												
					M	1.43	140	26.19	24.90	26.88	7.93	92.3	6.49	5.4												
						1.00	84	25.90	26.87	7.93	90.6	6.33	9.1													
						1.00	84	25.90	26.89	7.92	90.0	6.28	9.1													
IM17	Fine	Calm	12:16	5.6	S	0.62	120	26.97	26.98	19.83	19.83	7.91	7.91	94.2	94.4	6.72	6.73	6.73	9.6	9.5	11.3	5.4	5.2	9.6		
						0.62	120	26.99		19.83		7.90		94.5		6.74			9.4							
						0.29	179	26.53	21.12	21.19	7.92	93.0	6.64	12.6												
					B	0.29	179	26.51	21.25	21.19	7.90	91.8	6.55	13.5												
						0.51	124	27.02	19.26	19.27	7.96	7.96	99.1	99.2	7.09	7.09	6.95	4.7	4.8	6.95	4.7	4.8	10.0	5.3	4.9	6.0
						0.74	108	27.03	19.27		7.95		99.2		7.09			4.9								
M	0.75	182	26.93	22.77	22.66	7.96	96.8	6.80	5.8																	
	0.28	334	27.04	22.55	27.00	7.96	97.3	6.83	6.1																	
	0.87	159	25.98	26.98	27.00	7.93	89.9	6.27	18.2																	
B	0.53	118	25.97	27.01	27.00	7.93	89.2	6.22	20.0																	
	1.28	173	27.41	18.59	18.34	8.10	8.11	113.2	114.7	8.07	8.18	7.61	3.4	3.3	7.61	3.4	3.3	7.4	4.5	4.6	8.4					
	1.28	173	27.57	18.08		8.12		116.1		8.28			4.6													
M	1.01	193	26.69	22.25	22.26	8.02	99.6	7.04	5.6																	
	0.45	107	26.69	22.26	22.26	8.02	99.8	7.06	5.2																	
	0.48	155	26.15	26.20	26.30	8.02	95.5	6.67	12.2																	
B	0.48	155	26.11	26.40	26.30	8.02	94.4	6.59	14.7																	

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: 2021/05/10

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*
E5	Fine	Calm	19:00	6.5	S	0.39	345	27.63	27.63	19.98	20.00	8.13	8.13	115.1	115.5	8.11	8.14	7.89	3.9	3.5	19.1	4.1	4.1	21.9
						0.39	345	27.63		20.02		8.13		115.8		8.16			3.0			4.1		
						0.31	354	27.20	27.20	23.14	23.18	8.11	8.11	109.5	109.5	7.64	7.64	28.5	25.5	25.7				
					M	0.64	350	27.19	27.19	23.22	23.22	8.10	8.12	109.5	109.3	7.62	7.62	22.4	28.8	22.4				
						1.05	357	27.19	27.19	23.21	23.22	8.12	8.12	109.3	109.3	7.62	7.62	26.8	35.0	26.8				
						1.05	357	27.19	27.19	23.23	23.22	8.11	8.11	109.2	109.2	7.61	7.61	29.7	33.9	29.7				
F6	Fine	Calm	19:35	14.0	S	0.34	80	27.83	27.84	18.26	18.21	8.16	8.17	117.3	117.3	8.32	8.32	7.68	3.1	3.1	10.0	2.4	2.8	10.7
						0.34	80	27.85		18.15		8.18		117.2		8.31			8.32			3.1		
						0.24	273	26.82	26.83	23.14	23.13	8.02	8.02	100.3	100.4	7.04	7.05	7.3	6.6	7.2				
					M	0.24	273	26.83	26.83	23.11	23.13	8.02	8.02	100.4	100.4	7.05	7.05	5.9	6.6	6.6				
						1.28	275	26.42	26.42	25.85	25.83	8.01	8.01	98.4	98.4	6.85	6.85	20.7	21.7	20.7				
						0.42	318	26.42	26.42	25.80	25.83	8.01	8.01	98.3	98.3	6.85	6.85	20.1	23.2	20.1				
IM17	Fine	Calm	18:18	5.0	S	0.86	304	27.41	27.40	16.15	16.15	8.10	8.10	111.9	112.1	8.09	8.10	8.10	4.3	4.3	5.3	4.2	4.0	4.5
						0.86	304	27.39		16.15		8.10		112.2		8.11			4.3			3.7		
					B	0.28	340	27.19	27.20	18.67	18.47	8.02	8.02	102.5	102.3	7.33	7.32	6.1	6.4	6.1				
						0.67	263	27.20	27.20	18.27	18.47	8.01	8.01	102.0	102.3	7.31	7.32	6.6	6.4	5.4				
IM18	Fine	Calm	18:01	17.0	S	0.90	185	27.72	27.72	17.45	17.51	8.12	8.12	101.3	109.2	7.23	7.79	6.89	6.5	6.0	39.9	4.1	4.3	57.1
						0.90	185	27.72		17.56		8.12		117.0		8.35			5.5			4.4		
						0.35	261	26.00	25.98	26.11	26.31	7.93	7.93	85.7	85.6	6.00	5.99	9.1	9.1	10.0				
					M	0.30	283	25.95	25.95	26.50	26.31	7.93	7.93	85.4	85.6	5.97	5.99	9.0	9.1	9.9				
						0.44	298	25.72	25.72	28.33	28.33	7.91	7.91	79.8	79.8	5.54	5.54	104.7	104.7	162.0				
						0.60	351	25.72	25.72	28.33	28.33	7.91	7.91	79.8	79.8	5.54	5.54	104.7	104.7	152.0				
IM19	Fine	Calm	17:29	17.0	S	0.44	336	27.97	28.00	16.33	16.43	8.17	8.18	119.9	121.3	8.57	8.66	7.60	5.1	5.3	16.7	4.2	4.8	39.9
						0.22	134	28.02		16.52		8.18		122.6		8.75			5.4			5.3		
						0.33	317	26.89	26.89	21.75	21.74	7.99	7.99	93.2	92.4	6.59	6.53	9.8	9.9	14.5				
					M	0.91	359	26.88	26.89	21.72	21.74	7.98	7.98	91.5	92.4	6.47	6.53	10.0	9.9	14.1				
						0.62	299	25.87	25.87	27.53	27.55	7.93	7.93	82.2	82.8	5.72	5.76	35.9	34.9	35.9				
						0.64	320	25.87	25.87	27.56	27.55	7.93	7.93	83.4	82.8	5.80	5.76	33.8	34.9	33.8				

Remark: * DA: Depth-Averaged

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

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/12

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Fine	Calm	11:45	6.8	S	0.82	147	27.57	27.56	19.96	19.89	8.00	7.99	91.8	91.6	6.48	6.47	6.46	7.0	7.4	6.1	7.7	7.9	6.0
						0.82	147	27.54		19.81		8.05		91.4		6.46			7.7					
						0.74	156	27.21	27.19	22.03	22.45	8.05	8.04	92.1	92.1	6.46	6.45	5.2	5.1	5.0				
					0.50	184	27.16	22.87		8.03		6.43		5.0										
					0.64	181	26.98	23.79		8.09		6.23		5.6										
					B	0.30	199	26.98	26.98	23.85	23.82	8.05	8.07	89.3	89.0	6.23	6.21	5.6	5.8	4.8				
0.42	251	27.74	19.62	7.98		97.4	6.87	5.8																
0.42	251	27.74	19.62	7.98		97.6	6.88	5.8																
IM17	Fine	Calm	12:16	5.0	S	0.42	251	27.74	27.74	19.62	19.62	7.98	7.98	97.4	97.5	6.87	6.88	6.88	5.8	5.8	6.0	5.9	5.8	6.4
						0.42	251	27.74		19.62		7.97		97.6		6.88			5.8					
						0.68	179	27.73	27.66	19.65	19.68	8.02	8.01	96.9	96.5	6.83	6.81	6.2	6.3	6.6				
					0.68	179	27.59	19.70		7.99		96.0		6.78		6.3								
					0.27	321	28.01	28.02		19.03		19.03		7.99		7.99		99.9		100.4	7.03	7.07	4.8	4.7
					0.27	125	28.03		19.03	7.98	100.9		7.10	4.6										
IM18	Fine	Calm	12:29	17.3	M	0.89	196	26.99	26.99	24.06	24.10	7.95	7.95	90.3	90.4	6.29	6.30	6.30	5.6	5.5	10.2	5.3	5.6	10.4
						0.64	87	26.99		24.13		7.95		90.5		6.30			5.3					
						0.48	134	26.29	26.29	27.48	27.50	7.93	7.93	84.5	84.2	5.84	5.82	18.9	20.4	22.6				
					0.67	99	26.28	27.51		7.93		83.9		5.80		21.3								
					0.74	182	28.67	28.65		18.64		18.72		8.03		8.03		107.1		107.7	7.47	7.51	3.1	3.2
					0.94	172	28.63		18.79	8.03	108.2		7.55	3.2										
IM19	Fine	Calm	12:47	17.3	M	0.83	212	27.47	27.47	22.12	22.13	7.94	7.94	93.8	93.9	6.55	6.56	6.56	6.3	6.0	10.3	4.2	4.5	12.5
						1.37	169	27.47		22.13		7.94		94.0		6.56			5.7					
						0.12	139	26.62	26.72	26.04	25.61	7.93	7.93	87.6	87.8	6.07	6.09	23.4	21.8	29.3				
					0.60	64	26.82	25.17		7.93		88.0		6.11		20.1								
					0.12	139	26.62	26.04		7.93		87.6		6.07		23.4								

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: 2021/05/12

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*		
E5	Cloudy	Calm	06:01	6.4	S	0.52	301	27.13	27.12	17.44	17.35	7.90	7.90	94.2	94.2	6.79	6.80	6.69	4.4	4.4	9.8	3.8	3.7	8.6
						0.03	164	27.11		17.26		7.89		94.2		6.80			4.4			3.6		
						0.74	10	27.20	20.39	7.88	93.0	6.59	5.8	4.7										
					M	0.74	10	27.20	20.43	7.88	93.1	6.59	5.2	4.6										
						0.15	330	27.19	21.87	7.87	91.3	6.41	18.7	17.2										
						0.15	330	27.19	21.87	7.87	91.3	6.41	20.1	17.8										
F6	Cloudy	Calm	05:23	13.7	S	0.47	126	27.56	27.58	17.81	17.91	7.97	7.97	97.1	97.1	6.94	6.93	6.60	3.1	3.1	7.3	3.8	3.7	8.7
						0.47	126	27.59		18.00		7.96		97.0		6.92			3.1			3.5		
						0.54	301	26.84	24.70	7.94	89.9	6.25	5.3	6.1										
					M	0.26	22	26.86	26.85	24.63	7.93	90.4	6.29	5.1	5.2									
						0.44	272	26.19	26.19	27.80	7.96	85.4	5.90	12.6	13.6									
						0.87	39	26.18	27.86	7.95	84.4	5.83	14.6	16.4										
IM17	Cloudy	Calm	06:37	5.0	S	0.45	349	27.35	27.35	17.72	17.71	7.87	7.87	94.9	95.0	6.81	6.81	6.61	3.9	3.6	10.2	4.2	4.5	8.5
						0.31	253	27.35		17.70		7.87		95.0		6.81			3.2			4.8		
						0.37	331	27.28	27.28	19.24	19.31	7.86	93.0	6.62	17.4	16.8								
					B	0.35	79	27.27	19.38	7.86	92.8	6.60	16.1	12.2										
						0.81	348	27.89	27.93	17.80	17.83	7.98	99.0	7.03	7.10									
						0.66	328	27.96	17.85	7.98	101.1	7.17	4.0	4.1										
IM18	Cloudy	Calm	06:52	17.5	M	0.73	348	26.47	26.47	26.37	26.34	7.87	7.87	86.6	86.6	6.01	6.01	6.55	5.7	5.8	22.7	7.5	7.2	32.6
						1.18	351	26.47		26.30		7.87		86.5		6.00			5.8			6.9		
						0.89	279	26.06	26.06	28.53	28.53	7.86	82.0	5.66	58.3	58.2								
					B	0.89	279	26.06	26.06	28.53	7.86	81.9	5.65	58.1	86.2									
						0.31	290	27.53	27.53	19.07	19.06	7.91	96.0	6.81	6.81									
						0.30	18	27.53	19.05	7.91	95.9	6.81	4.0	4.0										
IM19	Cloudy	Calm	07:13	17.5	M	0.81	44	26.87	26.87	24.26	24.28	7.88	7.88	90.3	90.4	6.29	6.30	6.55	5.0	5.0	12.2	5.6	5.4	14.8
						0.81	44	26.87		24.30		7.88		90.4		6.30			4.9			5.2		
						0.48	314	26.47	26.47	27.50	27.50	7.86	88.0	6.06	27.3	27.8								
					B	0.89	319	26.47	26.47	27.50	7.86	87.8	6.05	28.2	35.0									

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/14

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E6	Fine	Calm	13:19	6.6	S	0.92	130	28.13	28.15	17.30	17.30	7.92	7.92	91.0	91.6	6.45	6.49	6.38	5.2	5.0	6.9	4.8	4.8	6.0		
						0.58	134	28.17		17.30		7.92		92.1		6.53			4.8							
						1.58	165	27.61	20.05	20.12	7.95	7.94	88.8	88.9	6.26	6.26	6.3	6.3	5.5							
					M	1.70	148	27.60	27.61	20.18	20.18	7.93	7.95	88.9	88.9	6.26	6.26	6.3	6.3	9.3	5.79	5.79	6.9		7.6	7.5
						0.85	198	27.06		25.25		25.23		7.95		83.8		83.8		5.79					9.3	
						0.17	178	27.07		25.21		7.94		83.8		83.8		5.79		9.3					7.4	
IM17	Fine	Calm	13:47	5.7	S	0.82	149	28.73	28.73	18.32	18.32	7.97	7.97	101.5	102.2	7.09	7.14	7.14	5.0	4.8	7.1	4.9	5.0	5.6		
						1.13	204	28.73		18.31		18.32		7.97		7.97			102.8			102.2			7.18	7.14
						0.82	199	28.17	27.98	19.23	19.78	7.93	7.92	90.5	89.3	6.35	6.26	6.26	6.26	9.0	9.5	6.26	5.8		6.2	
					0.94	135	27.78	20.33		7.91		88.0		89.3		6.17		10.0								
					0.66	160	28.61	18.82		18.83		8.01		8.01		104.0		104.8		7.26			7.32			6.68
					0.65	170	28.61	18.83	8.01		105.6	7.37	4.5		3.9											
M	1.17	202	27.47	27.47	23.31	23.31	7.93	7.93	87.1		87.3	6.04	6.05		6.4	6.0	5.5		5.8							
	0.41	144	27.47		23.30		7.93		87.4	87.3		6.06		5.6	6.0											
	B	0.26	187		27.13		27.12		25.41	25.48		7.92		7.92	84.2		84.1	5.81		5.80	5.80	5.80	14.6	15.0	8.6	8.7
1.16		167	27.10	25.54	7.92	84.0		84.1	5.79		15.4	8.8														
IM19		Fine	Calm	12:48	17.3	S		0.47	148		28.36	28.36	19.45		19.46	8.03		8.03	100.7		101.0		7.03		7.05	
	0.47						148	28.36	19.46	8.03	101.3		7.07	4.8		3.7										
	0.67						173	27.67	27.68	22.28	22.26	7.99	7.99	89.3	89.6	6.21	6.23	6.23	6.23	4.5	4.5	4.4	4.4			
	0.74					122	27.68	22.23		7.99		89.8		89.6		6.24		4.4		4.4						
	M					0.64	151	27.14		27.14		25.55		25.59		7.98		7.98		84.5		84.4		5.82	5.81	5.81
						0.64	151	27.14	25.62		7.98	84.2	84.4		5.80	15.8	18.5									
0.64		151	27.14	25.62	7.98	84.2	84.4	5.80	15.8		18.5															

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: 2021/05/14

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*									
E5	Cloudy	Calm	06:52	6.8	S	0.43	209	27.52	27.48	16.11	16.04	8.00	8.00	92.8	92.9	6.70	6.71	6.66	4.6	4.6	7.6	3.8	3.7	4.9									
						0.43	209	27.43		15.97		7.99		92.9		6.72			4.6			3.5											
						0.71	22	27.68	27.69	19.66	19.65	8.01	8.01	93.7	93.8	6.61	6.62	6.6	6.5	4.0	4.0	4.0	7.0										
					0.16	36	27.69	19.63		8.00		93.9		6.62		6.4		4.0															
					0.19	57	27.67	20.95		8.00		91.4		6.40		11.0		6.8															
					B	0.93	5	27.66	27.67	20.96	20.96	8.00	8.00	90.7	91.1	6.35	6.38	6.38	6.38	12.2	11.6	7.1	7.0										
F6	Cloudy	Calm	06:16	14.0		S	0.54	125		27.88		27.88		18.48		18.53		8.05		8.05		88.1		91.1	6.23	6.45	6.28	6.0	5.5	7.3	4.6	4.6	6.5
							0.62	296		27.87				18.58				8.04				88.2			6.66			4.9			4.6		
					0.48		324	27.55	27.56	23.33	23.32	8.03	8.03	88.2	88.3	6.11	6.12	6.1	6.1	6.7	6.8												
					0.48	324	27.56	23.31		8.02		88.4		6.12		6.1		6.9															
					0.46	334	26.65	26.67		27.47		27.41		8.02		8.02		80.0		80.1		5.50	5.51	5.51	5.51	10.7	10.2	8.1	8.0				
					0.69	310	26.68		27.34	8.02	80.2		5.51	9.7	7.8																		
IM17	Cloudy	Calm	07:26	5.6	S	0.97	284		27.65	27.65	16.67		16.09	7.99	7.98		90.5	91.1	6.49		6.56	6.56		8.1		6.5		10.0		4.3	4.1	9.6	
						0.97	284	27.64	15.51		7.96	91.6		6.62		4.8	3.8																
					B	0.59	233	27.67	27.67	19.93	19.92	8.00	8.00	90.6	90.3	6.38	6.36	6.36	6.36	11.3	13.5	15.6	15.2										
						0.97	249	27.67		19.91		7.99		89.9		6.33		15.6		14.8													
IM18	Cloudy	Calm	07:39	17.6	S	0.51	87	27.59	27.60	15.15	15.29	8.00	7.99	89.4	89.4	6.48	6.47	6.11	4.4	4.4	25.8	5.3	5.3	31.9									
						0.51	87	27.60		15.42		7.97		89.3		6.46			4.4			5.2											
						0.49	345	26.94	26.93	26.80	26.75	7.97	7.97	83.3	83.7	5.72	5.75	5.75	5.75	5.5	5.2	7.0	7.1										
					0.78	348	26.92	26.70		7.97		84.0		5.77		4.9		7.2															
					0.01	241	26.44	26.45		28.43		28.41		7.96		7.96		78.7		78.7		5.40			5.40	5.40	5.40	67.8	67.8	82.9	83.4		
					0.73	316	26.45		28.38	7.96	78.6		5.39	67.8	83.8																		
0.36	313	27.94	27.92	16.84	16.82	8.02	8.02		93.0	93.8	6.64		6.70	6.70	6.70		5.0	4.9	2.8		3.0												
0.36	313	27.89		16.79		8.01		94.6	6.76		4.8	3.1																					
IM19	Cloudy	Calm	07:59	17.7	M	0.08	336	27.35	27.36	24.27	24.28	7.97	7.97	86.5	86.5	5.98	5.98	6.34	5.4	5.4	11.2	4.6	4.9	4.6									
						0.49	334	27.36		24.28		7.97		86.5		5.98			5.4			5.2											
					B	1.04	329	26.89	26.90	27.31	27.27	7.96	7.96	83.3	83.0	5.71	5.69	5.69	5.69	20.3	23.3	5.9	6.0										
						0.42	51	26.91		27.22		7.96		82.7		5.67		26.2		6.1													

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/17

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*				
E3	Fine	Calm	14:30	16.9	S	0.44	83	28.84	28.86	22.47	22.46	8.29	8.30	136.7	141.2	9.31	9.61	7.58	2.3	2.2	10.7	3.8	3.5	15.1				
						0.40	138	28.88		22.45		8.30		145.6		9.91			2.1			3.2						
						0.36	97	25.58	31.76	7.92	80.5	81.4	5.50	3.3	3.2													
					0.34	73	25.73	31.48	7.96	82.2	5.61	1.6	3.5															
					M	0.33	122	24.67	24.67	33.44	7.86	73.2	5.03	27.4	27.6	29.0	38.4											
						0.42	128	24.67		33.45	7.85	72.9	5.01	27.7		47.8												
B	0.24	100	29.04	29.02		23.23	8.43	148.3	10.02	1.8	7.89	1.8	1.8	3.9	3.9	2.6	2.7											
	0.49	110	29.00		23.34	8.43	156.9	10.61	1.8																			
	0.34	122	25.59	31.94	8.07	80.4	5.48	1.8	2.4																			
M	0.27	66	25.66	25.63	31.85	8.07	79.8	80.1	5.44	5.46	1.4	1.6	5.07					5.07	8.2	8.2								
	0.29	133	24.43		34.06	8.05	73.8	5.07	8.2																			
	0.29	133	24.43	34.06	8.05	73.6	5.06	8.2	9.4																			
IM7	Fine	Calm	15:20	13.3	S	0.64	84	29.17	29.17	22.21	22.24	8.46		8.46	154.6	159.1	10.49				10.79	8.44	1.8	1.9	3.6	2.0	2.1	4.5
						0.64	84	29.17		22.27		8.46			163.6		11.09						1.9			2.1		
						0.53	103	26.44	30.25	8.11	89.2	6.06		1.5	2.1													
					M	0.57	53	26.44	26.44	30.26	8.10	90.3	89.8	6.13	6.10	1.0	1.3	5.34	5.34	5.34	7.6							
						0.37	73	24.75		33.70	8.06	78.8	5.40	7.3		9.8												
						0.37	73	24.75	33.71	8.05	76.9	5.27	7.9	9.1														
IM8	Fine	Calm	15:31	14.6	S	0.53	178	28.49	28.45	24.58	24.70	8.42	8.41	143.5	148.4	9.72	10.05					7.66	2.2	2.1	2.7	2.3	2.3	3.4
						0.57	128	28.41		24.82		8.40		153.3		10.38							1.9			2.2		
						0.40	55	25.97	31.25	8.05	76.7	5.22	1.4	2.2														
					M	0.17	78	26.04	26.01	31.15	8.05	77.9	77.3	5.30	5.26	1.0	1.2	5.23	5.23	5.23	4.8							
						0.16	125	24.75		33.63	8.05	77.3	5.30	2.1		2.2												
						0.29	105	24.72	33.69	8.05	75.2	5.16	5.1	5.3														
IM9	Fine	Calm	14:59	15.4	S	0.40	146	28.30	28.31	24.48	24.47	8.36	8.37	149.2	150.4	10.14	10.22					8.96	1.9	2.0	6.4	2.5	2.8	7.8
						0.18	130	28.32		24.46		8.37		151.5		10.29							2.0			3.0		
						0.54	66	27.23	28.25	8.20	107.6	7.29	1.9	5.0														
					M	0.33	110	27.35	27.29	28.18	8.22	120.0	113.8	8.12	7.71	1.3	1.6	4.91	4.91	4.91	15.7							
						0.69	128	25.22		32.60	8.00	71.8	4.91	15.5		16.1												
						0.75	117	25.28	32.47	8.00	71.6	4.90	15.3	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: 2021/05/17

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	08:12	17.9	S	0.16	285	27.93	27.92	21.18	21.75	8.10	8.11	110.7	112.9	7.71	7.84	6.59	1.7	1.7	2.2	3.4	3.5	5.1
						0.32	261	27.90		22.31		8.12		115.0		7.96			1.6			3.5		
						0.16	336	25.36	25.27	32.13	32.34	7.93	7.93	78.2	78.2	5.35	5.35	2.4	2.5	4.4	4.7			
					M	0.31	332	25.18	24.46	34.05	34.06	7.93	7.93	77.6	77.1	5.33	5.30	2.4	2.5	7.5	7.2			
						0.29	225	24.46		34.07		7.93		76.6		5.26		2.6		6.8				
						0.14	208	24.45	22.84	8.08	112.4	7.77	1.6	1.6	4.1	4.0								
IM6	Fine	Calm	07:59	16.6	S	0.19	249	27.82	27.83	22.84	22.67	8.07	8.08	111.9	112.2	7.75	7.76	6.69	1.6	1.6	2.4	3.9	4.1	4.7
						0.45	314	27.83		22.49		8.07		111.9		7.75			1.6			4.0		
						0.29	300	26.22	26.23	30.57	30.57	7.94	7.94	82.0	82.7	5.58	5.63	1.3	1.2	4.0	4.1			
					M	0.34	303	26.23	24.47	30.57	34.04	7.94	7.91	83.4	82.7	5.67	5.30	1.0	4.5	4.1	6.0			
						0.20	54	24.48		34.01		7.91		77.9		77.2		5.35		5.30		4.2	4.5	6.2
						0.16	110	24.46	34.06	7.91	76.4	5.25	4.7	5.8										
IM7	Fine	Calm	07:30	13.2	S	0.77	257	27.71	27.73	23.17	22.78	8.02	8.02	105.7	106.6	7.31	7.38	6.34	1.8	1.8	2.9	2.9	3.2	4.5
						0.77	257	27.74		22.38		8.02		107.4		7.45			1.7			3.5		
						0.19	208	26.15	26.23	30.76	30.66	7.88	7.88	78.3	78.0	5.33	5.31	2.2	2.2	4.2	4.2			
					M	0.17	323	26.31	24.58	30.56	33.77	7.88	7.88	77.7	76.3	5.28	5.24	2.1	4.9	4.1	6.2			
						0.11	34	24.58		33.76		7.88		77.6		5.33		4.7		6.3				
						0.18	48	24.57	33.77	7.88	74.9	5.15	5.0	6.0										
IM8	Fine	Calm	07:41	15.3	S	0.21	217	27.69	27.69	25.04	25.19	8.08	8.08	112.8	112.8	7.72	7.72	6.65	1.8	1.8	3.5	3.0	3.3	5.4
						0.15	268	27.69		25.33		8.08		112.8		7.71			1.7			3.6		
						0.06	354	26.42	26.44	30.22	30.22	7.94	7.93	80.1	82.4	5.44	5.59	2.0	1.8	4.5	4.8			
					M	0.17	332	26.46	24.55	30.22	33.87	7.92	7.89	84.6	74.1	5.74	5.09	1.6	6.9	5.1	8.0			
						0.27	4	24.55		33.86		7.89		74.7		5.13		5.8		8.0				
						0.27	4	24.54	33.87	7.89	73.5	5.05	8.3											
IM9	Fine	Calm	07:07	15	S	0.09	108	27.73	27.73	18.90	18.93	7.95	7.95	100.3	101.0	7.10	7.15	6.28	2.3	2.3	2.7	3.1	3.3	4.6
						0.18	133	27.73		18.95		7.95		101.6		7.19			2.2			3.4		
						0.25	68	25.74	25.87	31.17	30.84	7.84	7.85	77.3	79.2	5.28	5.41	3.3	3.4	4.7	4.7			
					M	0.05	181	26.00	25.02	30.51	32.76	7.86	7.85	81.0	77.4	5.53	5.30	3.4	2.6	4.6	5.8			
						0.20	259	25.05		32.69		7.85		78.1		5.35		2.6		5.4				
						0.06	129	24.99	32.83	7.85	76.6	5.25	2.6	6.2										

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/17

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*
E6	Fine	Calm	14:47	6.1	S	0.73	130	29.03	29.05	12.71	12.65	7.95	7.95	105.8	106.1	7.58	7.60	7.19	5.0	5.0	4.4	3.1	2.8	3.4
						0.73	130	29.06		12.59		7.95		106.3		7.62			5.0			2.5		
						0.97	153	28.33	28.52	20.58	18.43	7.85	7.88	93.7	96.7	6.50	6.77	3.9	4.2	3.6	3.3			
					0.94	147	28.70	16.27		7.91		99.7		7.04		4.4		2.9						
					0.76	151	28.19	20.96		7.86		90.9		6.31		4.0		4.2		4.1		4.2	4.0	
					IM17	Fine	Calm	15:14	5.1	S	0.04	11	28.65	28.71	13.16	13.71	7.92	7.93	101.3	102.5	7.29	7.35	7.35	
0.77	183	28.77	14.25	7.94							103.7	7.40	4.7		3.1									
1.01	182	28.29	28.24	21.14							21.42	7.87	7.86	93.0	90.8	6.44	6.29	6.29	4.7	5.9	6.2			
1.18	179	28.19		21.69						7.84		88.6		6.13		5.7		6.4						
0.77	163	29.19		29.22						11.62		11.55		8.02		8.02		85.9	99.0	6.18		7.12	6.52	3.4
0.59	128	29.24	11.48							8.02	112.0		8.05	4.2	2.3									
IM18	Fine	Calm	15:24	17.1	S	0.69	193	28.01	28.02	22.97	22.96	7.82	7.82	86.0	86.2	5.92	5.93	6.52	3.3	3.3	7.4	3.7	3.8	7.5
						0.62	122	28.02		22.95		7.82		86.3		5.94			3.2			3.8		
						1.22	108	27.64	27.63	24.90	24.97	7.80	7.80	80.1	79.8	5.49	5.47	5.47	14.5	15.3	16.0	16.1		
					0.47	135	27.61	25.04		7.79		79.4		5.44		16.0			16.2					
					0.73	136	29.20	29.21		12.44		12.47		8.02		8.02			111.0		111.2		7.94	
					0.73	136	29.21		12.50	8.02	111.4		7.97	4.7	3.0									
IM19	Fine	Calm	15:46	17.3	M	0.50	172	28.03	28.03	22.75	22.80	7.81	7.81	82.0	82.0	5.65	5.65	6.80	17.1	17.2	21.5	14.6	14.7	6.9
						0.53	128	28.02		22.84		7.81		81.9		5.64			17.3			14.7		
						0.47	103	27.08	27.07	26.88	26.97	7.80	7.80	72.9	72.9	4.99	4.99	4.99	42.6	42.7	3.3	3.5		
					0.72	143	27.05	27.05		7.79		72.8		4.98		42.7			3.7					

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/17

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*
E5	Fine	Calm	08:26	6.0	S	0.42	342	28.34	28.34	16.37	16.37	7.97	7.97	99.1	99.2	7.04	7.05	6.86	4.5	4.5	4.9	3.3	3.6	4.0
						0.42	342	28.34		16.36		7.97		99.3		7.06			4.4					
					M	0.33	108	28.11	28.11	16.74	16.73	7.94	7.94	93.5	93.6	6.66	6.67	5.6	5.6	4.3	4.4	4.3	4.0	
						0.50	76	28.11		16.71		7.93		93.7		6.67		5.5		3.7				
					B	0.77	308	28.23	28.23	19.72	19.73	7.95	7.95	92.3	92.2	6.45	6.44	4.7	4.7	4.2	4.4	4.2	4.4	
						0.53	100	28.23		19.73		7.94		92.0		6.43		4.6		4.5				
F6	Fine	Calm	08:53	14.1	S	0.56	315	28.20	28.20	15.81	15.79	8.00	8.01	98.3	98.8	7.02	7.06	6.67	4.2	4.2	5.7	3.4	3.7	6.6
						0.56	315	28.19		15.76		8.01		99.3		7.10			4.1			3.9		
					M	0.78	25	28.54	28.54	22.16	22.15	7.93	7.93	91.0	91.4	6.24	6.27	3.8	3.7	3.7	3.5			
						0.77	286	28.54		22.14		7.93		91.8		6.30		3.5		3.3				
					B	0.36	333	26.98	26.97	27.20	27.28	7.89	7.89	77.5	77.5	5.30	5.30	5.30	5.30	9.4	9.4	11.8	12.5	
						1.06	35	26.95		27.35		7.88		77.5		5.30		9.4		13.2				
IM17	Fine	Calm	07:57	4.4	S	#	#	28.10	28.11	13.81	13.74	7.92	7.93	92.1	92.9	6.66	6.72	6.72	4.9	4.9	5.0	4.3	4.1	4.5
						#	#	28.11		13.66		7.93		93.6		6.78			4.8			3.9		
					B	#	#	28.01	28.01	16.07	16.14	7.88	7.88	86.2	86.0	6.17	6.16	6.16	6.16	5.1	5.1	4.8	4.9	
#	#	28.01	16.21	7.87		85.8	6.14	5.1		5.0														
IM18	Fine	Calm	07:42	17.2	S	#	#	28.16	28.17	14.27	14.25	7.95	7.95	94.1	94.4	6.78	6.81	6.25	4.7	4.7	10.8	3.6	3.8	11.8
						#	#	28.18		14.22		7.94		94.7		6.83			4.7			3.9		
					M	#	#	28.02	28.02	22.47	22.47	7.88	7.88	82.5	82.4	5.70	5.69	6.9	6.9	7.3	6.9			
						#	#	28.02		22.46		7.88		82.3		5.68		6.9		6.4				
					B	#	#	26.83	26.83	27.75	27.77	7.86	7.86	70.6	70.5	4.83	4.82	4.82	4.82	21.0	20.9	25.0	24.8	
						#	#	26.82		27.78		7.86		70.3		4.81		20.7		24.6				
IM19	Fine	Calm	07:22	17.4	S	#	#	28.10	28.11	14.28	14.35	7.90	7.90	91.8	91.7	6.63	6.62	6.14	5.0	5.0	7.7	4.1	3.7	6.0
						#	#	28.12		14.41		7.89		91.5		6.60			5.0			3.2		
					M	#	#	27.71	27.72	24.36	24.35	7.87	7.87	82.5	82.6	5.67	5.67	5.67	5.67	5.0	5.0	4.7	4.4	
						#	#	27.72		24.33		7.87		82.6		5.67		4.9		4.0				
					B	#	#	27.20	27.20	26.72	26.73	7.85	7.85	74.5	74.4	5.09	5.08	5.08	5.08	13.0	13.0	10.3	10.0	
						#	#	27.19		26.74		7.85		74.2		5.07		13.0		9.6				

Remark: * DA: Depth-Averaged

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

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

Data were not available due to technical issue of monitoring equipment at the time of monitoring event

Water Quality Monitoring Data Log Sheet

Date: 2021/05/19

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	Calm	16:18	17.8	S	0.55	109	28.98	28.99	20.80	20.81	8.45	8.46	138.0	151.1	9.46	10.36	7.44	2.7	2.5	10.9	3.9	3.6	13.2
						0.66	114	29.00		20.81		8.47		164.2		11.26			2.3			3.3		
						0.42	114	24.83		32.95		7.85		65.7		4.51			4.5			4.1		
					M	0.42	114	24.83	24.83	32.96	7.88	65.7	4.51	4.51	4.0	4.3	3.7	3.9						
						0.27	123	24.54	24.54	33.61	7.87	66.6	4.58	23.6	26.0	32.5	32.1							
						0.18	124	24.54		33.63	7.85	64.3	4.42	28.3	31.6									
IM6	Fine	Calm	17:30	16.3	S	0.26	133	29.01	29.02	21.52	21.50	8.60	8.61	172.2	177.0	11.76	12.08	8.56	1.8	1.8	2.5	3.2	3.3	3.7
						0.26	133	29.03		21.47		8.61		181.7		12.40			1.8			3.4		
						0.18	135	25.35		32.49		8.06		73.9		5.05			1.1			<1.0		
					M	0.18	135	25.48	25.42	32.22	8.07	73.8	5.04	1.1	1.1	1.7	2.2							
						0.27	93	24.36	24.36	34.10	8.04	71.5	4.92	4.6	5.5									
						0.20	133	24.36		34.11	8.03	69.6	4.79	4.8	5.8									
IM7	Fine	Calm	17:04	13.0	S	0.22	203	29.20	29.07	21.17	21.79	8.60	8.59	163.8	167.6	11.17	11.41	8.55	1.8	1.7	2.5	2.7	2.9	4.1
						0.22	203	28.94		22.41		8.57		171.3		11.65			1.6			3.0		
						0.11	65	26.21		30.46		8.09		82.9		5.64			1.1			1.8		
					M	0.20	136	26.24	26.23	30.35	8.09	84.3	5.74	0.7	0.9	1.4	1.6							
						0.37	91	24.68	24.66	33.83	8.03	80.5	5.52	4.1	4.8									
						0.20	65	24.63		33.86	8.03	72.5	4.97	5.5	8.1									
IM8	Fine	Calm	17:14	15.1	S	0.98	94	28.82	28.82	22.90	22.89	8.56	8.57	167.1	171.5	11.36	11.66	8.18	1.6	1.7	2.5	2.9	3.3	3.7
						0.23	144	28.82		22.87		8.57		175.9		11.96			1.7			3.6		
						0.21	92	25.56		31.94		8.01		68.3		4.66			1.6			1.6		
					M	0.07	87	25.70	25.63	31.60	8.02	69.5	4.74	4.70	1.2	1.4	<1.0	2.1						
						0.14	101	24.63	24.68	33.79	8.03	72.9	5.00	4.4	5.7									
						0.33	111	24.72		33.63	8.03	70.5	4.83	4.2	5.8									
IM9	Fine	Calm	16:45	15.3	S	0.54	87	29.29	29.30	20.52	20.50	8.61	8.61	159.6	161.8	10.91	11.06	8.18	1.6	1.6	3.5	2.8	2.7	6.4
						0.58	122	29.31		20.47		8.61		164.0		11.21			1.6			2.5		
						0.30	192	26.07		26.08		30.57		8.05		76.7			5.23			2.0		
					M	0.61	129	26.08	26.08	30.63	8.05	78.9	5.38	1.2	7.9									
						0.49	99	24.67	24.64	33.78	8.00	71.4	4.90	7.1	8.7									
						0.44	126	24.60		33.85	7.99	67.2	4.61	7.4	9.0									

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/19

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	Calm	05:23	18	S	0.22	336	27.83	27.83	22.38	22.78	8.30	8.31	115.1	116.2	7.98	8.04	6.44	1.6	1.6	2.0	2.2	2.3	2.4		
						0.22	336	27.83		23.17		8.31		117.2		8.09			1.6			2.3				
						0.16	245	24.45	24.44	33.83	33.88	8.01	8.02	70.0	70.5	4.82	4.85	1.4	1.5	2.1	2.1					
					M	0.10	33	24.42	24.33	34.16	34.16	8.03	8.03	73.4	73.4	5.05	5.05	5.05	5.05	3.0	3.0	3.2	2.9	2.1	2.1	2.4
						0.26	18	24.32		34.16		8.03		73.4		5.05		3.0		2.1						
						0.14	187	24.33		34.16		8.03		73.4		5.05		2.9		2.5						
IM6	Cloudy	Calm	05:23	8.16	S	0.16	184	27.85	27.86	21.22	21.15	8.27	8.27	109.7	110.4	7.65	7.70	6.36	1.6	1.6	2.3	3.8	3.9	4.4		
						0.11	290	27.86		21.08		8.27		111.0		7.74			1.6			4.0				
						0.02	122	25.16	25.11	32.86	32.95	8.03	8.03	74.1	73.6	5.07	5.03	1.8	1.9	4.5	4.3					
					M	0.20	40	25.06	24.30	33.04	33.89	8.02	7.99	73.0	68.3	4.99	4.71	4.71	4.71	4.65	4.71	3.2	3.4	4.0	5.1	5.1
						0.18	226	24.30		33.89		7.99		69.2		4.77		3.2		5.1						
						0.18	226	24.30		33.88		7.99		67.4		4.65		3.5		5.0						
IM7	Cloudy	Calm	04:38	16	S	0.34	186	27.89	27.93	22.58	22.25	8.23	8.24	114.3	114.8	7.90	7.95	6.68	2.2	2.0	2.5	1.9	1.8	2.6		
						0.06	1	27.97		21.91		8.25		115.2		7.99			1.8			1.7				
						0.14	290	25.89	25.87	30.58	30.73	8.01	8.01	80.6	79.2	5.51	5.41	2.6	2.7	3.1	2.7					
					M	0.14	290	25.84	24.57	30.88	33.77	8.00	7.99	77.7	72.0	5.31	4.95	5.41	4.95	5.41	4.95	2.8	2.8	2.2	2.2	2.6
						0.20	247	24.55		33.79		7.99		72.0		4.95		2.9		3.4						
						0.25	268	24.59		33.75		7.98		71.9		4.94		2.6		3.4						
IM8	Cloudy	Calm	04:38	16	S	0.16	184	27.91	27.92	21.75	21.75	8.25	8.25	110.0	111.4	7.64	7.74	6.33	1.9	1.9	2.6	2.0	1.8	2.4		
						0.11	290	27.92		21.74		8.25		112.7		7.83			1.8			1.6				
						0.02	122	25.65	25.62	31.50	31.55	8.01	8.01	72.8	72.2	4.97	4.93	2.9	3.0	2.8	2.8					
					M	0.20	40	25.59	24.44	31.59	33.98	8.00	8.00	71.6	71.8	4.89	4.94	4.94	4.94	4.94	4.94	3.0	3.1	2.7	2.7	2.7
						0.18	226	24.44		33.97		8.00		72.3		4.97		3.1		2.9						
						0.18	226	24.44		33.98		8.00		71.2		4.90		3.1		2.5						
IM9	Cloudy	Calm	00:00	16	S	0.34	186	28.37	28.37	16.19	16.38	8.14	8.15	109.3	110.6	7.77	7.85	6.40	1.8	1.8	3.8	2.3	2.2	3.9		
						0.06	1	28.37		16.57		8.16		111.8		7.93			1.8			2.1				
						0.14	290	25.39	25.40	31.81	31.81	7.88	7.89	72.1	72.2	4.94	4.95	3.7	3.7	3.3	3.4					
					M	0.14	290	25.40	24.65	31.80	33.33	7.89	7.87	72.2	69.1	4.95	4.76	4.76	4.76	4.76	4.76	3.6	3.6	3.5	3.5	3.4
						0.20	247	24.65		33.30		7.87		69.9		4.81		5.6		6.4						
						0.25	268	24.65		33.36		7.87		68.3		4.70		6.3		5.8						

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/19

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Fine	Calm	16:43	6.3	S	1.18	114	29.29	29.29	11.41	11.43	8.03	8.03	118.1	118.1	8.49	8.49	8.25	4.3	4.3	5.7	3.2	3.7	4.0
						0.59	346	29.29		11.44		8.03		118.1		8.48		4.2	4.1					
						0.36	246	29.20	12.61	12.86	8.03	107.1	112.3	7.66	8.02	5.8	5.1	4.4	4.2					
					0.55	105	29.15	13.11	8.01	117.5	8.38	6.6	8.02	5.8	5.1	4.4	4.2							
					0.56	181	28.28	18.86	20.25	7.90	86.5	84.5	6.07	5.90	6.6	7.8	4.0	4.3						
					0.75	11	27.98	21.63	7.85	82.5	5.73	8.9	4.6	4.3										
IM17	Fine	Calm	17:53	5.0	S	0.64	157	28.89	28.89	13.39	13.39	8.03	8.03	107.3	107.5	7.68	7.69	7.69	4.7	4.8	5.7	2.9	3.2	3.9
						0.64	157	28.89		13.38		8.03		107.6		7.70		7.69	4.8			4.4		
						0.85	179	28.60	17.66	17.76	7.99	99.6	6.99	6.98	6.8	6.7	4.4	4.7						
					0.54	108	28.61	17.85	7.99	99.4	6.97	6.5	6.7	4.9	4.7									
					0.99	114	29.12	11.39	11.41	8.13	8.13	116.6	116.8	8.40	8.41	7.37	4.2	4.3	5.8	1.6		2.0	5.2	
					0.99	114	29.13	11.43		8.12		116.9		8.42		4.3	2.4							
M	0.89	350	28.24	20.62	20.74	7.93	7.93	91.2	91.2	6.34	6.34	4.4	4.3	3.9	4.3									
	0.90	184	28.21	20.86	7.93	91.2	6.33	4.1	4.3	4.7	4.3													
	0.35	257	26.42	29.45	29.50	7.84	7.84	68.3	68.4	4.66	4.67	8.9	9.0	8.5	9.3									
B	0.51	68	26.40	29.54	29.50	7.84	7.84	68.4	68.4	4.67	4.67	9.0	9.0	10.0	9.3									
	0.24	17	29.39	10.45	10.48	8.13	8.13	118.3	118.5	8.53	8.55	6.93	4.2	4.2	1.9	2.1								
	0.24	17	29.39	10.50	8.13	118.7	8.56	4.2	2.3															
IM19	Fine	Calm	17:18	17.2	S	0.53	222	28.01	27.96	22.55	22.68	7.85	7.85	77.0	77.0	5.32	5.32	6.93	11.7	11.5	8.9	12.7	12.9	9.1
						0.45	211	27.91		22.80		7.84		76.9		5.31		11.2	13.0					
						0.38	355	26.65	28.84	28.84	7.86	7.86	73.6	73.4	5.02	5.01	10.6	11.2	12.4	12.2				
					0.38	355	26.65	28.84	28.84	7.86	7.86	73.2	73.4	4.99	5.01	11.7	11.2	12.0	12.2					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/19

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E5	Fine	Calm	06:09	6.0	S	0.46	193	28.68	28.67	13.48	13.57	7.93	7.93	101.6	101.5	7.29	7.28	6.80	3.1	3.2	5.9	2.9	2.7	5.0	
						0.46	193	28.65		13.65		7.92		101.3		7.27			3.2			2.5			
					M	0.44	260	28.30	28.29	17.86	17.93	7.83	7.83	89.7	89.7	6.32	6.32	6.1	6.1	4.8	4.5	4.1	4.1		
						0.75	117	28.28		17.99		7.83		89.7		6.32		6.1		4.1					
					B	0.72	74	28.05	28.05	20.18	20.18	7.84	7.84	87.3	87.3	6.10	6.10	6.10	6.10	8.5	8.4	8.1	7.8		7.4
						0.72	74	28.05		20.17		7.83		87.3		6.10		8.3		7.4					
F6	Fine	Calm	06:36	14.2	S	1.62	165	28.61	28.62	13.09	13.10	7.93	7.93	99.8	100.0	7.19	7.20	6.62	4.7	4.7	5.1	3.2	3.1	4.6	
						0.37	181	28.62		13.10		7.93		100.1		7.21			4.7			2.9			
					M	0.69	231	27.79	27.84	23.60	23.39	7.84	7.84	87.7	87.6	6.04	6.04	3.8	3.7	3.9	3.9	3.3	3.3		
						0.30	203	27.88		23.18		7.84		87.4		6.03		3.6		3.6					
					B	0.53	80	26.71	26.71	28.41	28.41	7.78	7.78	72.1	71.9	4.92	4.91	4.91	4.91	6.9	6.9	7.3	7.0		6.6
						0.15	213	26.71		28.40		7.78		71.6		4.89		6.8		6.6					
IM17	Fine	Calm	05:39	4.5	S	0.52	17	28.07	28.07	12.31	12.31	7.87	7.87	96.0	96.0	7.01	7.01	7.01	5.4	5.5	5.2	3.6	3.4	3.3	
						0.52	17	28.07		12.30		7.86		95.9		7.00			5.6			3.2			
					B	0.23	150	28.52	28.53	14.91	14.93	7.90	7.90	99.5	99.3	7.10	7.09	7.09	7.09	4.8	4.9	2.8	3.1		2.8
						0.23	150	28.53		14.95		7.89		99.0		7.07		4.9		3.4					
IM18	Fine	Calm	05:22	17.1	S	0.54	224	28.46	28.46	12.90	12.91	7.89	7.89	97.7	97.9	7.06	7.07	6.36	4.2	4.3	5.6	3.0	2.8	4.3	
						0.34	47	28.46		12.91		7.88		98.0		7.08			4.3			2.5			
					M	0.35	113	27.83	27.81	23.33	23.43	7.80	7.80	80.8	82.0	5.57	5.65	6.0	5.8	4.1	3.8	4.1	3.8		
						0.32	290	27.79		23.53		7.79		83.2		5.73		5.5		3.4					
					B	0.52	263	26.84	26.84	27.82	27.83	7.75	7.75	71.1	71.2	4.86	4.87	4.87	4.87	7.0	6.9	6.7	6.5		6.3
						0.52	263	26.84		27.84		7.75		71.2		4.87		6.8		6.3					
IM19	Fine	Calm	04:52	17.2	S	0.64	77	28.73	28.74	11.69	11.80	7.90	7.90	99.6	99.6	7.21	7.21	6.35	6.0	6.0	8.2	4.2	4.7	6.1	
						0.64	77	28.75		11.90		7.89		99.5		7.20			5.9			5.1			
					M	0.43	268	27.97	28.00	23.35	23.02	7.81	7.82	69.8	79.6	4.80	5.49	7.1	7.1	9.9	9.9	10.2	9.6		
						0.62	352	28.02		22.68		7.82		89.4		6.17		4.2		9.6					
					B	0.50	180	26.35	26.37	29.75	29.70	7.74	7.74	67.2	67.2	4.58	4.58	4.58	4.58	11.6	11.7	4.1	3.7		3.2
						0.08	350	26.38		29.65		7.74		67.1		4.58		11.7		3.2					

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/21

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	Calm	08:26	16.9	S	0.13	149	27.81	27.81	20.02	20.09	8.23	8.23	96.6	102.2	6.79	7.18	5.61	2.5	2.5	12.2	3.4	3.0	14.7
						0.13	149	27.81		20.15		8.23		107.8		7.57			2.5			2.6		
						0.20	131	25.59	25.59	30.98	31.00	7.91	7.91	58.8	59.0	4.03	4.04	6.5	6.1	6.4	6.7			
					0.30	118	25.58		31.02		7.91		59.1		4.05		5.7		6.9					
					0.39	176	24.47	24.47	33.39	33.40	7.89	7.89	57.3	56.8	3.95	3.92	28.3	28.1	27.2	34.4				
					0.53	197	24.47		33.41		7.88		56.3		3.88		27.8		41.6					
IM6	Fine	Calm	09:39	16.2	S	0.21	130	28.32	28.33	19.45	19.48	8.40	8.40	119.1	120.9	8.32	8.45	6.66	1.3	1.3	1.6	3.2	3.5	3.2
						0.17	98	28.33		19.51		8.40		122.7		8.57			1.3			3.8		
						0.22	44	25.97	26.01	30.87	30.73	8.05	8.05	70.8	71.3	4.83	4.87	0.7	0.7	1.6	1.7			
					0.26	48	26.04		30.59		8.05		71.8		4.90		0.6		1.8					
					0.09	107	24.27	24.27	34.17	34.05	7.98	7.98	61.5	61.1	4.24	4.22	2.8	2.7	4.0	4.5				
					0.09	107	24.27		33.92		7.97		60.7		4.19		2.6		5.0					
IM7	Fine	Calm	09:13	13.2	S	0.02	79	28.10	28.13	18.89	18.67	8.33	8.34	114.2	116.6	8.03	8.21	6.35	1.8	1.9	1.9	3.8	3.9	3.3
						0.02	79	28.15		18.44		8.34		118.9		8.38			1.9			4.0		
						0.32	98	26.16	26.16	29.84	29.83	8.00	8.00	64.9	65.7	4.44	4.49	1.5	1.5	2.9	3.3			
					0.17	137	26.15		29.81		8.00		66.4		4.54		1.5		3.7					
					0.13	90	24.51	24.45	33.60	33.65	7.95	7.96	61.8	60.3	4.25	4.15	2.2	2.5	3.0	2.8				
					0.13	132	24.39		33.69		7.96		58.8		4.05		2.7		2.6					
IM8	Fine	Calm	09:22	14.8	S	0.20	149	28.29	28.30	18.53	18.50	8.42	8.43	119.8	123.4	8.42	8.67	6.62	1.6	1.6	1.7	4.2	4.4	3.4
						0.16	215	28.31		18.47		8.43		127.0		8.92			1.5			4.5		
						0.36	74	26.05	26.05	30.09	30.09	8.00	8.00	66.3	66.7	4.53	4.56	1.1	1.1	2.2	2.2			
					0.13	146	26.05		30.09		8.00		67.1		4.59		1.0		2.2					
					0.17	150	24.34	24.34	33.81	33.81	7.96	7.96	61.0	60.0	4.21	4.14	2.5	2.6	3.8	3.8				
					0.18	351	24.33		33.81		7.96		58.9		4.06		2.7		3.7					
IM9	Fine	Calm	08:53	15.5	S	0.21	160	28.27	28.30	17.47	17.21	8.33	8.33	110.7	113.8	7.83	8.06	6.13	2.4	2.4	2.7	3.5	3.6	4.2
						0.17	170	28.33		16.94		8.32		116.9		8.28			2.4			3.6		
						0.12	176	25.25	25.25	32.10	32.12	7.97	7.97	61.0	61.3	4.18	4.20	1.7	1.6	4.0	4.0			
					0.21	318	25.24		32.14		7.97		61.5		4.22		1.5		3.9					
					0.28	174	24.43	24.43	33.72	33.70	7.94	7.94	58.6	58.0	4.04	4.00	3.8	4.0	5.5	5.1				
					0.45	129	24.43		33.67		7.94		57.3		3.95		4.1		4.6					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/21

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	13:22	18.1	S	0.16	103	28.89	29.00	18.65	18.53	8.50	8.50	149.5	153.2	10.39	10.63	7.45	2.6	2.6	2.2	6.6	6.9	4.0
						0.16	103	29.10		18.41		8.50		156.8		10.87			2.5			7.2		
						0.18	312	24.93	24.92	33.29	33.30	7.96	7.96	62.3	62.2	4.27	4.26	0.7	0.7	1.2	1.3			
					M	0.06	183	24.90	24.25	34.22	34.20	7.94	7.94	59.9	59.6	4.13	4.11	3.0	3.4	4.0	3.7			
						0.04	45	24.25	24.25	34.17	34.20	7.93	7.93	59.3	59.6	4.09	4.11	3.0	3.4	4.0	3.7			
						0.37	78	24.25	24.25	34.17	34.20	7.93	7.93	59.3	59.6	4.09	4.11	3.0	3.4	4.0	3.7			
IM6	Fine	Moderate	13:06	16.7	S	0.21	282	29.02	29.07	19.19	19.16	8.50	8.51	140.0	148.2	9.68	10.24	7.11	1.8	1.9	2.7	4.8	4.7	4.7
						0.21	345	29.11		19.13		8.51		156.4		10.80			1.9			4.5		
						0.14	333	25.55	25.48	31.70	31.85	7.92	7.91	60.1	58.2	4.11	3.98	1.3	1.4	1.6	1.7			
					M	0.05	152	25.41	24.26	31.99	34.20	7.90	7.91	56.2	59.4	4.11	4.10	1.4	1.4	1.8	1.7			
						1.03	61	24.26	24.26	34.20	34.20	7.93	7.93	59.9	59.4	4.13	4.10	4.7	4.8	8.0	7.6			
						0.22	96	24.26	24.26	34.20	34.20	7.92	7.92	58.9	59.4	4.06	4.10	4.9	4.8	7.2	7.6			
IM7	Fine	Moderate	12:37	13.4	S	0.22	225	28.52	28.58	20.48	20.34	8.37	8.38	130.2	134.8	9.01	9.33	7.07	1.8	1.8	2.0	4.5	4.4	4.0
						0.29	22	28.64		20.20		8.38		139.3		9.64			1.8			4.2		
						0.16	313	26.19	26.20	30.08	30.08	7.99	7.99	69.1	70.5	4.72	4.82	1.0	1.0	1.5	1.4			
					M	0.05	84	26.20	24.56	30.07	33.66	7.98	7.99	71.9	70.5	4.91	4.82	0.9	1.0	1.3	1.4			
						0.11	78	24.56	24.56	33.66	33.66	7.90	7.90	60.6	59.1	4.17	4.06	2.8	3.1	6.3	6.2			
						0.41	54	24.56	24.56	33.65	33.66	7.90	7.90	57.5	59.1	3.95	4.06	3.4	3.1	6.0	6.2			
IM8	Fine	Moderate	12:48	15.1	S	0.14	52	28.64	28.67	19.89	19.87	8.40	8.40	132.0	137.2	9.15	9.51	6.69	1.9	1.9	2.9	4.2	4.6	4.4
						0.14	218	28.69		19.85		8.40		142.4		9.86			1.8			5.0		
						0.11	309	25.91	25.79	30.76	31.05	7.92	7.91	56.7	56.8	3.87	3.88	1.9	1.9	2.4	2.2			
					M	0.12	312	25.67	24.37	31.33	34.00	7.89	7.91	56.9	56.8	3.89	3.88	1.9	1.9	2.0	2.2			
						0.41	21	24.39	24.37	33.96	34.00	7.90	7.90	56.9	56.3	3.92	3.88	4.8	5.1	6.0	6.3			
						0.38	334	24.35	24.37	34.03	34.00	7.89	7.90	55.6	56.3	3.83	3.88	5.3	5.1	6.6	6.3			
IM9	Fine	Moderate	12:14	15.2	S	0.26	229	28.86	28.85	17.51	17.56	8.39	8.39	137.3	141.1	9.61	9.87	7.00	2.3	2.3	4.0	4.8	4.6	5.9
						0.41	287	28.83		17.61		8.39		144.8		10.13			2.3			4.4		
						0.25	124	25.68	25.69	30.89	30.88	7.87	7.87	59.4	60.2	4.07	4.12	3.6	3.5	5.6	5.4			
					M	0.11	131	25.70	24.64	30.86	33.38	7.87	7.87	60.9	60.2	4.17	3.80	3.3	3.5	5.1	5.4			
						0.03	37	24.68	24.64	33.28	33.38	7.85	7.85	55.5	55.2	3.82	3.80	6.2	6.2	7.3	7.8			
						0.15	53	24.59	24.64	33.47	33.38	7.84	7.85	54.8	55.2	3.77	3.80	6.2	6.2	8.2	7.8			

Remark: * DA: Depth-Averaged

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/21

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E6	Fine	Calm	09:21	6.1	S	0.28	85	28.96	29.00	11.13	11.07	7.95	7.95	95.9	96.1	6.94	6.95	6.89	7.1	7.0	6.3	5.4	5.0	6.3		
						0.28	85	29.03		11.00		7.94		96.2		6.96			6.8			4.5				
						0.32	354	28.80		12.47		7.98		93.9		6.76			6.1			7.0				
					M	0.52	114	28.82	28.81	11.66	12.07	7.98	7.98	95.6	94.8	6.91	6.84	6.6	6.4	6.3	7.4	6.8	6.3	6.6	7.0	6.3
						0.29	143	28.39		17.76		7.88		81.7		5.75		5.6			7.4					
						0.11	330	28.43		16.47		7.90		79.8		5.66		5.8			6.6					
IM17	Fine	Calm	08:56	5.4	S	0.30	206	28.78	28.77	10.44	10.45	8.06	8.06	104.2	104.3	7.59	7.60	7.60	6.3	6.3	7.2	5.6	5.7	8.1		
						0.55	216	28.76		10.46		8.06		104.4		7.61			7.60			6.2			5.8	
						0.26	214	28.77		13.15		8.03		99.1		7.12			8.4			10.7				
					B	0.23	89	28.82	28.80	13.36	13.26	8.02	8.03	99.7	99.4	7.14	7.13	7.13	7.13	8.1	8.1	7.2	10.3	10.5	8.1	
						0.21	232	28.74		10.50		8.05		102.8		7.49		5.7		4.9						
						0.21	232	28.74		10.50		8.05		102.8		7.49		5.7		4.9						
IM18	Fine	Calm	08:31	17.2	S	0.21	232	28.74	28.74	10.65	10.58	8.05	8.05	102.3	102.6	7.45	7.47	6.26	5.8	5.8	5.7	5.8	5.4	5.9		
						0.21	232	28.74		10.50		8.05		102.8		7.49			5.7			4.9				
						0.75	191	27.48		24.78		7.86		75.0		5.16			5.2			5.4				
					M	0.38	161	27.38	27.48	24.98	24.88	7.84	7.85	71.8	73.4	4.94	5.05	5.5	5.4	5.7	5.8	5.8	5.7	5.1	5.5	5.9
						0.22	142	26.61		28.83		7.81		64.4		4.39		6.3			6.1					
						0.22	142	26.67		28.80		7.81		64.7		4.41		6.3			6.1					
IM19	Fine	Calm	08:04	17.3	S	0.13	319	28.82	28.82	12.12	12.11	8.04	8.04	99.6	99.8	7.19	7.21	6.25	5.8	5.9	6.9	3.4	3.6	6.7		
						0.13	319	28.82		12.10		8.04		100.0		7.22			5.9			3.8				
						0.26	169	27.99		22.46		7.91		74.8		5.17			8.3			8.3				
					M	0.22	195	27.96	27.99	22.52	22.49	7.90	7.91	78.3	76.6	5.41	5.29	8.3	8.3	6.9	8.2	7.8	6.9	7.4	7.8	6.7
						0.13	309	26.94		28.17		7.91		69.5		4.73		6.7			6.5					
						0.51	153	26.98		28.13		7.89		69.8		4.75		6.2			6.5					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/21

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E5	Fine	Calm	13:54	6.0	S	1.27	225	29.44	29.45	9.28	9.28	8.08	8.08	107.9	108.0	7.82	7.83	8.00	5.9	5.9	9.8	5.3	5.0	7.8		
						0.56	55	29.45		9.28		8.08		108.0		7.83			4.7							
						0.43	348	29.39	11.01	11.01	8.12	8.12	113.6	113.5	8.17	8.17	6.4	6.3	6.1	6.3	5.2					
					M	0.25	191	29.37	29.38	11.01	11.01	8.12	8.12	113.4	113.5	8.16	8.17	6.13	6.13	6.13	6.13	16.0	17.3		12.9	12.7
						0.48	275	28.55		17.13		7.95		88.5		6.24		18.6		18.6						
						0.80	341	28.49	15.94	7.92	84.7	6.02	6.13	6.13												
F6	Fine	Calm	14:22	14.4	S	0.26	73	29.69	29.69	11.53	11.53	8.27	8.27	130.5	131.6	9.31	9.39	7.59	6.0	6.1	6.5	5.0	4.8	7.2		
						0.26	73	29.69		11.52		8.27		132.7		9.46			6.1			4.6				
						0.29	346	27.96	28.17	21.85	21.40	7.94	7.95	78.1	83.7	5.42	5.80	3.4	4.6							
					0.68	322	28.37	20.95		7.96		89.2		6.17		3.9		4.8								
					M	0.56	307	26.93	26.99	27.36	27.26	7.89	7.89	73.4	72.9	5.02	4.98	4.98	9.8	9.9	11.4	12.2				
						0.32	4	27.05		27.15		7.88		72.3		4.94		10.0								
B	0.55	191	29.37	29.37		9.69	9.71	7.98	7.98	98.6	98.6	7.14	7.14	7.14	5.5	5.5	5.7	4.5	4.4							
	0.50	315	29.36		9.72	7.98		98.5		7.14		5.4		4.2												
	0.60	236	29.03	29.05	10.85	10.76	8.01	8.01	99.5	99.5	7.20	7.21	7.21	5.9	5.9	5.7	5.2	5.6								
0.26	299	29.06	10.67		8.00		99.5		7.21		5.9		6.0													
IM18	Fine	Calm	12:59	17.3	S	0.20	342	29.51	29.51	10.62	10.62	8.02	8.02	103.2	103.4	7.42	7.44	5.99	8.9	8.7	11.3	5.7	5.3	8.9		
						0.20	342	29.51		10.61		8.02		103.6		7.45			8.4			4.9				
						0.42	199	26.89	26.86	26.99	27.10	7.82	7.82	66.1	66.1	4.54	4.54	8.8	8.4	6.9	6.5					
					0.42	199	26.82	27.20		7.82		66.0		4.53		8.0		6.0								
					M	0.15	264	26.35	26.28	29.75	29.95	7.81	7.81	60.3	60.2	4.11	4.11	4.11	16.2	16.9	15.8	15.1				
						0.25	155	26.20		30.15		7.81		60.1		4.10		17.6								
B	0.16	349	29.81	29.82		10.83	10.82	8.21	8.22	123.4	123.9	8.82	8.86	6.68	16.7	16.1	22.8	7.4	7.2							
	0.16	349	29.83		10.80	8.22		124.4		8.89		15.4		7.0												
	0.60	232	27.06	27.01	26.23	26.72	7.83	7.83	63.3	65.7	4.35	4.51	4.51	21.9	20.8	22.8	5.6	5.3								
0.60	232	26.96	27.20		7.82		68.0		4.66		19.6		4.9													
IM19	Fine	Calm	12:40	17.1	S	0.30	20	26.28	26.28	29.99	29.99	7.82	7.81	61.0	60.4	4.16	4.12	4.12	31.7	31.6	22.8	29.0	28.5			
						0.55	58	26.28		29.99		7.80		59.7		4.07			31.5			28.0				

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/24

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	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*				
E3	Cloudy	Calm	10:17	17.2	S	0.66	131	28.71	28.84	17.75	17.42	8.29	8.31	100.2	109.4	7.02	7.66	5.71	3.2	3.3	8.3	2.7	2.5	9.9				
						0.44	146	28.96		17.09		118.6		8.30		3.4			2.2									
						0.25	81	25.54		30.52		30.48		7.91		7.91			53.8			54.6			3.70	3.76	5.7	5.3
					M	0.39	109	25.57	30.44	30.44	7.91	7.91	55.3	54.6	3.81	3.76	4.8	5.3	4.7	4.7								
						0.34	161	24.43	33.74	33.75	7.84	7.84	47.7	47.4	3.29	3.27	16.1	16.2	26.2	22.5								
						0.63	131	24.44	33.76	33.75	7.83	7.84	47.0	47.4	3.24	3.27	16.3	16.2	18.8	22.5								
IM6	Cloudy	Calm	11:29	16.1	S	0.43	116	28.90	28.99	17.27	17.03	8.52	8.53	127.3	132.1	8.91	9.25	6.80	2.2	2.3	3.0	3.8	4.0	4.5				
						0.43	116	29.07		16.78		17.03		8.53		8.53			136.9			132.1			9.58	9.25	2.4	2.3
						0.28	149	26.42		29.09		29.07		8.04		8.04			59.1			63.8			4.04	4.36	1.3	1.0
					M	0.32	88	26.54	26.48	29.04	29.07	8.03	8.04	68.5	63.8	4.67	4.36	0.7	1.0	1.6	1.4							
						0.11	88	24.33	24.33	34.17	34.18	7.98	7.98	59.8	58.3	4.12	4.01	5.1	5.6	7.6	8.2							
						0.22	107	24.33	24.33	34.19	34.18	7.97	7.98	56.7	58.3	3.90	4.01	6.0	5.6	8.7	8.2							
IM7	Cloudy	Calm	11:03	13.2	S	0.11	100	29.15	29.18	18.10	17.99	8.54	8.55	116.6	124.6	8.09	8.65	6.44	1.5	1.6	3.6	2.6	2.5	5.8				
						0.43	129	29.21		17.88		17.99		8.55		8.55			132.5			124.6			9.20	8.65	1.7	1.6
						0.25	105	26.15		29.44		29.02		8.01		8.02			59.2			61.7			4.06	4.23	2.4	2.0
					M	0.25	105	26.47	26.31	28.60	29.02	8.03	8.02	64.2	61.7	4.40	4.23	1.6	2.0	3.0	2.6							
						0.47	74	24.41	24.41	34.00	34.00	7.95	7.95	58.3	58.3	4.01	3.89	7.3	7.3	2.1	2.6							
						0.55	76	24.41	24.41	33.99	34.00	7.95	7.95	54.7	56.5	3.76	3.89	7.2	7.3	12.8	12.4							
IM8	Cloudy	Calm	11:13	14.9	S	0.16	161	28.44	28.44	19.16	19.27	8.42	8.42	108.2	114.2	7.56	7.97	5.62	2.8	2.9	4.0	4.2	3.8	5.1				
						0.16	161	28.44		19.37		19.27		8.42		8.42			120.2			114.2			8.38	7.97	3.0	2.9
						0.19	135	25.38		31.66		31.71		7.90		7.90			47.9			47.7			3.28	3.27	2.4	2.3
					M	0.01	190	25.34	25.36	31.75	31.71	7.89	7.90	47.5	47.7	3.26	3.27	2.2	2.3	8.5	5.5							
						0.19	118	24.38	24.38	34.08	34.09	7.94	7.94	53.1	52.8	3.65	3.63	6.6	6.9	2.5	5.5							
						0.25	69	24.38	24.38	34.09	34.09	7.93	7.94	52.5	52.8	3.61	3.63	7.1	6.9	9.4	5.9							
IM9	Cloudy	Calm	10:43	15.3	S	0.58	138	28.56	28.56	17.51	17.54	8.39	8.39	114.3	117.8	8.04	8.28	6.16	3.0	3.0	5.9	2.8	3.1	7.1				
						0.50	131	28.56		17.57		17.54		8.39		8.39			121.2			117.8			8.52	8.28	2.9	3.0
						0.55	103	25.77		29.87		29.90		7.98		7.98			57.6			58.7			3.96	4.04	4.0	3.7
					M	0.54	108	25.75	29.93	29.93	7.97	7.98	59.7	58.7	4.11	4.04	3.3	3.7	3.1	3.1								
						0.46	85	24.53	24.53	33.61	33.62	7.91	7.91	51.0	50.1	3.51	3.45	10.7	11.1	15.9	15.1							
						0.46	85	24.53	24.53	33.62	33.62	7.90	7.91	49.2	50.1	3.39	3.45	11.4	11.1	14.3	15.1							

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: 2021/05/24

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*		
F3	Cloudy	Calm	16:56	18.0	S	0.36	293	29.11	29.19	19.55	19.37	8.56	8.57	132.4	140.5	9.12	9.68	6.71	1.3	1.3	3.5	2.3	1.9	4.3		
						0.48	309	29.27		19.18		8.58		148.5		10.23			1.2			1.5				
						0.27	320	25.19		25.26		32.00		31.84		7.98			7.98			54.4			54.6	3.74
					M	0.29	354	25.33	24.34	34.17	34.18	7.96	7.96	55.3	54.5	3.81	3.76	3.76	3.76	6.8	7.4	8.3	8.7	2.5	8.7	8.7
						0.29	275	24.33		34.18		7.96		53.7		3.70		7.9	9.0							
						0.29	275	24.34		34.18		7.96		53.7		3.70		7.9	9.0							
IM6	Cloudy	Calm	16:45	16.2	S	0.46	263	29.05	29.09	19.91	19.82	8.51	8.52	131.9	139.2	9.08	9.58	6.74	2.6	2.6	4.4	3.2	3.4	5.7		
						0.46	263	29.13		19.73		8.53		146.5		10.08			2.6			3.6				
						0.43	3	25.51		25.50		30.90		30.92		7.99			7.99			56.5			56.7	3.88
					M	0.31	2	25.49	24.37	34.10	34.11	7.97	7.97	56.8	55.5	3.91	3.82	3.82	3.82	6.3	6.6	9.4	9.5	4.8	9.5	9.5
						0.29	350	24.37		34.10		7.97		56.8		3.91		6.3	9.4							
						0.29	350	24.36		34.11		7.96		54.2		3.73		6.9	9.4							
IM7	Cloudy	Calm	16:18	13.1	S	0.65	275	28.33	28.19	21.45	22.21	8.39	8.37	107.6	114.5	7.43	7.89	5.72	3.4	3.1	5.6	3.3	3.8	6.8		
						0.65	275	28.04		22.96		8.34		121.3		8.35			2.7			4.2				
						0.43	277	25.07		25.07		32.01		32.02		7.95			7.95			51.9			51.5	3.57
					M	0.61	292	25.06	24.46	32.03	33.90	7.94	7.96	51.1	55.5	3.52	3.81	3.81	3.81	7.1	6.7	7.9	8.8	7.1	8.8	8.8
						0.15	316	24.46		33.88		7.96		56.9		3.91		6.2	9.1							
						0.15	315	24.45		33.91		7.96		54.0		3.71		7.2	9.1							
IM8	Cloudy	Calm	16:28	13.2	S	0.64	263	27.97	28.35	22.64	21.81	8.34	8.41	103.1	115.1	7.12	7.93	5.83	3.4	2.9	5.0	4.0	4.0	6.1		
						0.64	263	28.73		20.97		8.47		127.1		8.74			2.4			4.0				
						0.59	305	25.21		25.25		31.76		31.66		7.97			7.97			53.2			54.2	3.66
					M	0.47	306	25.28	24.50	31.55	33.85	7.97	7.95	55.1	55.3	3.79	3.80	3.80	3.80	4.7	7.2	5.5	8.8	4.7	8.8	8.8
						0.23	315	24.53		33.77		7.95		57.0		3.92		6.4	8.2							
						0.18	335	24.46		33.92		7.95		53.5		3.68		8.0	9.4							
IM9	Cloudy	Calm	15:55	14.9	S	0.08	23	28.72	28.81	15.10	14.85	8.41	8.43	110.5	124.7	7.86	8.86	6.43	6.0	6.1	12.2	5.9	5.8	28.8		
						0.08	23	28.90		14.59		8.44		138.8		9.86			6.1			5.6				
						0.46	333	25.71		25.72		29.34		29.35		7.94			7.95			57.0			57.9	3.94
					M	0.46	333	25.72	24.68	29.35	33.03	7.95	7.85	58.7	45.1	4.05	3.11	3.11	3.11	7.1	23.3	8.1	72.6	7.1	72.6	72.6
						0.53	283	24.68		33.00		7.85		45.2		3.11		25.7	87.6							
						0.44	274	24.67		33.05		7.85		45.0		3.10		20.9	57.5							

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: 2021/05/24

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	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E6	Rainy	Calm	13:48	5.5	S	1.12	150	29.71	29.73	7.29	6.98	8.01	8.01	98.4	99.0	7.18	7.23	6.13	8.5	8.4	17.1	3.2	3.7	16.2		
						0.92	149	29.74		6.67		8.00		99.5		7.28			4.2							
						0.75	155	28.20	18.13	17.91	7.81	7.81	70.9	71.2	5.00	5.02	18.2	17.4	16.0							
					M	0.85	154	28.25	28.23	17.69	7.81	71.4	5.04	5.04	16.6	15.0	13.9									
						B	0.45	139	28.03	28.04	19.42	7.80	70.7	70.1	4.96	4.92	4.92	25.8	25.6	30.9	30.1					
							0.50	123	28.05		19.28	7.81	69.5	70.1	4.88	4.88	25.3	29.2								
IM17	Rainy	Calm	13:17	5.1	S	0.43	191	28.97	28.95	11.69	11.88	7.83	7.82	82.0	81.3	5.92	5.86	5.86	19.6	22.7	35.8	8.0	8.4	35.8		
						0.43	191	28.93		12.06		7.81		80.5		81.3			5.80			5.86			25.8	8.8
						B	0.45	207	28.79	28.79	13.52	13.51	7.81	78.0	77.7	5.59	5.57	5.57	49.1	48.9	61.8	63.2				
					S		0.82	180	29.49	29.49	9.44	9.44	7.89	7.88	88.3	88.5	6.39	6.41	6.15	7.2	7.2	12.2	5.1		4.6	14.6
							0.82	180	29.49		9.43		7.87		88.7		6.42			7.1			4.0			
					M	0.79	161	28.82	28.86	17.17	16.94	7.88	7.89	82.6	84.0	5.80	5.90	5.90	8.7	8.5	8.6	8.8				
B	0.75	139	28.89	28.89		16.70	16.70	7.89	7.89	85.3	84.0	5.99	5.90	5.90	8.2	20.9	29.2	30.5								
	0.39	167	26.92	26.92		26.89	26.91	7.76	7.76	58.9	58.8	4.04	4.03	4.03	21.0	20.9	31.8									
IM19	Rainy	Calm	14:07	17.2	S	0.85	156	30.12	30.17	8.45	8.81	8.19	8.20	117.3	118.3	8.45	8.50	7.06	8.7	8.6	30.8	8.8	9.2	28.2		
						0.91	173	30.22		9.16		8.20		119.3		8.54			8.5			9.6				
						M	0.45	183	28.90	28.89	16.94	17.00	7.91	7.91	79.4	80.1	5.57	5.62	5.62	21.1	20.6	21.8	22.5			
					B		0.36	182	28.88	28.88	17.06	17.06	7.91	7.91	80.8	80.1	5.67	5.62	5.62	20.0	20.6	23.1	22.5			
							0.17	6	26.86	26.86	26.51	26.54	7.78	7.78	59.5	58.3	4.10	4.02	4.02	59.9	63.1	50.7	53.0			
					0.17	6	26.85	26.85	26.57	26.54	7.78	7.78	57.1	58.3	3.93	4.02	4.02	66.3	63.1	55.3	53.0					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/24

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	Direction	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Cloudy	Calm	17:35	5.5	S	0.86	19	29.83	29.81	10.19	10.32	8.03	8.03	107.7	107.4	7.72	7.70	7.00	8.8	8.4	67.5	7.2	6.8	41.7
						0.86	19	29.78		10.45		8.02		107.1		7.67			8.0			6.3		
						0.60	342	28.48	28.46	17.93	17.99	7.89	7.89	90.2	89.7	6.34	6.31	41.4	45.4	11.4				
					0.60	342	28.43	18.05		7.89		89.2		6.27		49.4		10.3						
					0.85	346	28.10	19.81		7.85		85.6		5.99		149.2		110.0						
					B	0.89	343	28.09	28.10	19.89	19.85	7.86	7.86	84.5	85.1	5.91	5.95	148.4	148.8	105.0	107.5			
0.17	306	30.05	10.46	8.18		124.8	8.90	5.8		5.8		5.6		3.7										
0.17	306	30.05	10.46	8.18		125.6	8.96	5.8		5.8		1.7		3.7										
F6	Cloudy	Calm	18:09	13.3	S	0.69	296	28.80	28.80	17.15	17.15	7.95	7.95	91.2	91.9	6.40	6.45	7.69	8.4	8.2	10.9	4.4	4.2	8.2
						0.99	280	28.80		17.14		7.95		92.6		6.50			8.0			8.2		
						0.59	271	28.04	28.03	21.48	21.55	7.87	7.87	80.1	79.5	5.56	5.52	18.1	18.7	17.5	16.9			
					0.79	313	28.02	21.61		7.87		78.9		5.47		19.2		16.2						
					0.49	289	29.36	29.33		8.05		8.39		7.87		7.86		88.1		87.8	6.44	6.41	6.41	
					0.49	289	29.29		8.72	7.84	87.4		6.37	8.0	8.0		6.5	7.0						
B	0.23	289	29.09	29.07	12.82	13.03	7.84	7.84	86.7	86.1	6.20	6.16	8.4	8.4	8.4	7.4	7.0							
	0.23	289	29.05		13.24		7.84		85.5		6.11		8.3		8.4	6.6	7.0							
	0.37	207	29.99		9.84		7.96		98.7		7.07		10.3		10.4	8.7	8.3							
IM18	Cloudy	Calm	16:42	16.5	S	0.15	194	29.91	29.95	10.36	10.10	7.94	7.95	98.0	98.4	7.01	7.04	5.44	10.3	10.4	43.4	7.9	8.3	38.2
						0.79	322	26.94		26.38		7.70		56.0		3.85			13.6			13.5		
						0.79	322	26.97	26.19	7.70	55.8	3.84	13.3	13.5	17.1	16.1								
					B	0.49	314	26.52	26.52	28.46	28.47	7.70	7.70	55.1	54.9	3.77	3.76	100.9	106.4	88.2	90.3			
						0.49	314	26.52		28.48		7.70		54.7		3.75		111.9		92.4				
						0.13	143	30.05		8.73		7.98		104.8		7.54		10.4		10.3	9.8	9.8		
IM19	Cloudy	Calm	16:18	16.4	S	0.13	143	30.06	30.06	8.74	8.74	7.98	7.98	106.6	105.7	7.67	7.61	5.92	10.4	10.3	48.1	9.7	9.8	52.2
						0.13	143	30.06		8.74		7.98		106.6		7.67			10.2			10.3		
						0.23	326	27.41	27.50	24.51	24.13	7.65	7.65	61.1	61.4	4.21	4.23	13.6	13.1	13.1	12.4			
					0.62	347	27.58	23.74		7.65		61.6		4.25		12.5		11.6						
					0.71	340	26.88	27.73		7.64		60.7		4.15		118.0		139.0						
					B	0.60	348	26.87	26.88	27.77	27.75	7.64	7.64	60.5	60.6	4.13	4.14	123.7	120.9	130.0	134.5			

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/26

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	11:14	17.4	S	0.55	113	27.55	27.57	23.67	23.64	8.05	8.06	84.6	87.7	5.85	6.06	4.92	2.2	2.1	7.6	1.4	1.3	8.4
						0.66	109	27.59		23.60		8.06		90.7		6.27			1.9			1.1		
						0.98	131	25.19	25.20	31.73	31.72	7.84	7.84	55.4	55.0	3.81	3.78	8.1	8.1	10.5				
					M	0.98	131	25.20	24.69	33.62	33.63	7.87	7.87	60.0	59.9	4.12	4.11	4.11	12.7	12.8	13.3	13.4		
						0.51	113	24.69		33.62		7.87		59.7		4.10		12.8						
						0.51	113	24.69		33.63		7.87		59.7		4.10		12.8						
IM6	Cloudy	Calm	12:29	16.0	S	0.74	120	28.01	28.01	22.35	22.34	8.22	8.22	100.9	104.0	6.97	7.19	5.83	1.4	1.4	4.0	1.9	2.2	5.6
						0.74	120	28.01		22.33		8.22		107.0		7.40			1.3			1.4		
						0.30	110	26.29	26.01	30.57	31.05	8.00	7.98	69.8	65.9	4.74	4.48	1.5	1.4					
					M	0.43	107	25.73	24.64	31.52	34.08	7.95	7.96	61.9	62.6	4.22	4.29	4.29	9.1	9.3	13.1	12.5		
						0.07	56	24.64		34.07		7.96		61.9		4.24		9.5						
						0.07	56	24.64		34.08		7.96		61.9		4.24		9.5						
IM7	Cloudy	Calm	12:02	13.0	S	0.69	101	27.79	27.78	22.49	22.52	8.21	8.21	100.3	102.9	6.95	7.13	5.73	1.5	1.4	3.5	1.9	2.3	5.2
						0.75	104	27.76		22.54		8.20		105.4		7.31			1.3			2.7		
						0.44	85	26.04	26.05	29.35	29.34	7.96	7.96	62.7	63.1	4.31	4.33	3.3	3.3					
					M	0.32	86	26.06	25.12	29.32	32.39	7.96	7.93	63.4	60.2	4.35	4.05	4.05	6.4	6.0	9.0	9.2		
						0.63	81	25.03		32.66		7.93		60.2		4.13		5.5						
						0.53	72	25.20		32.12		7.93		57.9		3.97		5.5						
IM8	Cloudy	Calm	12:12	15.0	S	0.33	84	27.97	28.04	23.17	23.02	8.20	8.21	100.9	104.1	6.95	7.17	5.53	1.5	1.4	4.0	3.6	3.4	6.1
						0.55	115	28.10		22.86		8.21		107.3		7.38			1.3			3.1		
						0.18	101	26.13	26.14	29.53	29.51	7.94	7.94	56.7	56.8	3.89	3.90	2.7	2.7					
					M	0.03	191	26.14	24.75	29.49	33.61	7.94	7.93	56.9	57.6	3.90	3.95	3.95	2.7	7.8	3.6	3.5		
						0.17	83	24.71		33.76		7.93		58.1		3.98		7.7						
						0.27	155	24.79		33.45		7.93		57.0		3.91		7.8						
IM9	Cloudy	Calm	11:42	15.7	S	0.45	152	28.05	28.13	21.72	21.61	8.19	8.20	96.5	100.2	6.69	6.94	5.43	1.2	1.2	11.8	1.0	1.2	14.9
						0.45	152	28.20		21.49		8.20		103.9		7.19			1.1			1.3		
						0.60	124	25.86	25.87	29.74	29.72	7.92	7.92	56.9	57.0	3.91	3.92	7.9	7.4					
					M	0.60	124	25.88	25.14	29.70	32.16	7.92	7.90	57.1	53.1	3.93	3.65	3.93	6.8	27.0	7.2	6.8		
						0.86	126	25.14		32.13		7.90		53.4		3.67		26.4						
						0.86	126	25.13		32.19		7.90		52.8		3.63		27.5	35.8					

Remark: * DA: Depth-Averaged

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

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Water Quality Monitoring Data Log Sheet

Date: 2021/05/26

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	Calm	19:00	17.0	S	0.41	245	28.07	28.08	24.09	24.08	8.20	8.21	107.8	111.1	7.37	7.59	5.81	2.1	1.9	5.2	2.7	2.7	6.6
						0.61	268	28.09		24.07		8.21		114.3		7.81			1.6			2.6		
						0.39	284	25.36	31.45	31.28	7.93	7.93	59.0	58.8	4.05	4.04	5.9	5.6	6.3	5.9				
					M	0.39	284	25.50	31.11	7.93	7.93	58.5	58.8	4.02	4.04	5.3	5.6	5.5	5.9					
						0.28	266	24.67	34.05	7.95	7.95	65.4	64.6	4.48	4.42	7.7	8.2	11.8	11.4					
						0.49	273	24.67	34.07	7.95	7.95	63.7	64.6	4.36	4.42	8.7	8.2	10.9	11.4					
IM6	Cloudy	Calm	18:47	16.0	S	0.83	285	27.92	27.92	23.12	23.04	8.12	8.12	102.4	103.1	7.06	7.11	5.44	4.3	4.4	5.8	4.8	4.9	6.7
						0.83	285	27.92		22.96		8.11		103.7		7.15			7.11			4.4		
						0.26	241	25.82	30.08	29.96	7.90	7.90	54.9	54.8	3.77	3.77	5.8	6.0	7.0	6.5				
					M	0.43	243	25.87	29.83	29.96	7.90	7.90	54.7	54.8	3.76	3.77	6.1	6.0	6.0	6.5				
						0.26	265	24.83	33.46	33.46	7.91	7.91	57.8	57.3	3.96	3.93	6.7	7.1	9.3	8.9				
						0.49	285	24.83	33.46	33.46	7.91	7.91	56.8	57.3	3.89	3.93	7.5	7.1	8.4	8.9				
IM7	Cloudy	Calm	18:19	12.5	S	0.68	214	27.89	27.86	22.75	23.08	8.03	8.03	89.7	89.8	6.20	6.20	5.31	4.9	4.9	10.6	5.8	5.4	14.6
						0.68	214	27.83		23.40		8.03		89.8		6.19			4.9			4.9		
						0.50	256	25.78	30.05	30.12	7.91	7.91	64.4	64.2	4.43	4.42	6.7	6.2	6.4	6.0				
					M	0.71	279	25.76	30.18	30.12	7.90	7.91	64.0	64.2	4.40	4.42	5.6	6.2	5.6	6.0				
						0.56	283	24.79	33.62	33.63	7.92	7.92	67.7	67.5	4.64	4.62	20.1	20.6	33.4	32.5				
						0.44	273	24.78	33.63	33.63	7.92	7.92	67.2	67.5	4.60	4.62	21.1	20.6	31.6	32.5				
IM8	Cloudy	Calm	18:28	14.1	S	0.67	246	27.34	27.36	23.96	23.92	8.01	8.01	82.8	85.0	5.74	5.89	5.02	5.4	5.3	8.8	5.1	5.6	10.3
						0.67	246	27.37		23.88		8.01		87.1		6.03			5.2			5.3		
						0.52	276	25.51	30.98	31.11	7.91	7.91	61.0	60.5	4.19	4.16	6.2	6.2	6.2	6.7				
					M	0.47	282	25.44	31.24	31.11	7.91	7.91	60.0	60.5	4.12	4.16	6.2	6.2	7.2	6.7				
						0.34	274	24.75	33.75	33.75	7.92	7.92	65.6	65.2	4.49	4.47	14.6	15.0	17.5	18.7				
						0.35	286	24.74	33.75	33.75	7.92	7.92	64.8	65.2	4.44	4.47	15.4	15.0	19.8	18.7				
IM9	Cloudy	Calm	17:56	14.0	S	0.20	331	28.10	28.09	18.06	18.10	7.86	7.87	77.2	78.0	5.46	5.51	5.20	8.1	8.1	7.6	8.0	7.6	8.3
						0.29	351	28.08		18.13		7.87		78.7		5.56			8.0			8.1		
						0.24	321	26.65	25.56	25.51	7.83	7.84	69.9	70.2	4.86	4.88	6.8	6.9	7.4	7.7				
					M	0.31	340	26.68	25.45	25.45	7.85	7.85	70.5	70.2	4.90	4.88	6.9	6.9	8.0	7.7				
						0.86	278	25.25	31.51	31.23	7.81	7.81	58.8	58.7	4.04	4.03	8.7	8.0	9.0	9.7				
						0.70	269	25.44	30.95	31.23	7.81	7.81	58.5	58.7	4.02	4.03	7.3	8.0	10.3	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: 2021/05/26

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	11:45	6.2	S	0.16	101	28.07	28.12	19.71	19.51	7.68	7.68	70.5	70.7	4.94	4.95	4.81	11.5	11.4	15.7	8.0	8.4	18.8
						0.16	101	28.17		19.31		7.68		70.8		4.96			11.2			8.7		
						0.94	157	27.62	22.05	22.16	7.67	66.9	67.0	4.66	4.66	14.1	13.9	22.1	22.6					
					M	0.94	157	27.60	27.61	22.27	22.16	7.67	66.9	67.0	4.66	4.66	14.1	13.9	22.1	22.6				
						0.47	181	27.29	27.29	23.64	23.63	7.63	64.0	63.3	4.44	4.39	21.3	21.9	23.0	25.6				
						0.37	175	27.29	27.29	23.61	23.63	7.63	62.5	63.3	4.34	4.39	22.4	22.4	26.2	25.6				
IM17	Cloudy	Calm	12:12	5.5	S	0.61	181	28.38	28.40	16.39	16.35	7.68	7.68	73.0	73.5	5.18	5.22	5.22	12.1	11.6	20.2	10.5	19.9	22.2
						0.78	186	28.42		16.30		7.67		73.9		5.25			5.22			11.0		
						0.28	151	27.62	27.61	21.21	21.26	7.65	65.6	65.0	4.59	4.55	4.55	28.7	28.9	20.2	18.3	24.5		
					B	0.39	162	27.60	27.61	21.30	21.26	7.65	64.3	65.0	4.50	4.55	4.55	29.0	28.9	20.2	18.3	24.5		
						0.89	165	28.39	28.41	18.30	18.29	7.69	74.8	75.0	5.25	5.26	4.96	10.2	10.0	24.1	17.2	16.7		
						0.89	165	28.42	28.41	18.28	18.29	7.69	75.1	75.0	5.27	5.26	4.96	9.8	10.0	24.1	16.1	16.7		
IM18	Cloudy	Calm	12:28	17.4	S	0.89	165	28.39	28.41	18.30	18.29	7.69	7.69	74.8	75.0	5.25	5.26	4.96	10.2	10.0	24.1	17.2	16.7	23.5
						0.89	165	28.42	28.41	18.28	18.29	7.69	74.8	75.0	5.27	5.26	4.96	9.8	10.0	24.1	16.1	16.7		
						0.60	144	27.61	27.63	21.81	21.76	7.69	66.7	66.8	4.65	4.66	4.96	14.6	14.2	24.1	26.5	21.7		
					M	0.77	134	27.64	27.63	21.70	21.76	7.69	66.9	66.8	4.67	4.66	4.96	13.8	14.2	24.1	16.8	21.7		
						0.20	138	26.88	26.89	26.15	26.12	7.70	63.3	62.9	4.36	4.34	4.34	48.5	48.1	24.1	31.8	32.3		
						0.20	138	26.90	26.89	26.08	26.12	7.70	62.5	62.9	4.31	4.34	4.34	47.6	48.1	24.1	32.8	32.3		
IM19	Cloudy	Calm	11:12	17.3	S	1.08	165	28.70	28.72	17.89	17.85	7.69	7.69	80.8	80.9	5.66	5.67	5.34	8.4	8.4	16.9	8.7	8.3	20.6
						1.08	165	28.74		17.81		7.69		81.0		5.67			5.34			8.4		
						0.67	211	28.05	28.03	20.82	20.95	7.67	72.0	72.1	5.01	5.02	5.02	12.0	11.6	16.9	16.5	15.9		
					M	0.52	188	28.00	28.03	21.07	20.95	7.66	72.1	72.1	5.02	5.02	5.02	11.1	11.6	16.9	15.2	15.9		
						0.90	154	26.74	26.70	26.88	27.06	7.60	64.6	63.4	4.45	4.36	4.36	29.8	30.8	16.9	39.2	37.6		
						0.45	126	26.65	26.70	27.24	27.06	7.62	62.1	63.4	4.27	4.36	4.36	31.8	30.8	16.9	36.0	37.6		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/05/26

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)						
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
E5	Cloudy	Calm	18:30	5.4	S	0.54	343	28.66	28.66	16.77	16.77	7.77	7.77	75.8	75.9	5.34	5.35	5.31	11.1	11.0	13.7	26.4	26.1	24.0			
						0.73	319	28.66		16.76		7.76		76.0		5.36			10.9			25.8					
						0.57	2	28.43	28.45	17.79	17.72	7.77	7.77	74.8	75.0	5.26	5.28	14.6	13.9	24.3							
					M	0.57	2	28.47	28.40	17.64	17.97	7.77	7.78	75.1	74.0	5.29	5.20	13.1	16.2	18.9		5.20	21.4		16.2	23.7	21.9
						0.37	14	28.31		18.53		7.78		73.2		5.14		18.9		21.4							
						0.37	14	28.49		17.40		7.78		74.7		5.26		13.5		22.4							
F6	Cloudy	Calm	18:58	12.5	S	0.47	131	29.62	29.62	14.88	14.88	7.87	7.87	82.1	82.5	5.76	5.79	5.14	11.5	11.6	31.8	8.4	8.6	19.8			
						0.47	131	29.62		14.87		7.86		82.9		5.81			11.7			8.8					
						0.65	343	27.93	27.93	21.93	21.23	7.82	7.82	64.1	64.6	4.45	4.50	15.4	15.2	23.6		24.4					
					M	0.33	354	27.93	26.92	20.52	25.83	7.81	7.90	65.0	64.6	4.54	4.06	14.9	68.7	25.1		26.4					
						0.35	289	26.92		25.82		7.91		59.0		58.8		4.07		69.8			25.9				
						0.71	298	26.92		25.83		7.88		58.6		4.05		67.6		26.8							
IM17	Cloudy	Calm	17:58	4.3	S	0.96	301	28.84	28.79	16.53	16.45	7.75	7.75	76.5	75.6	5.38	5.33	5.33	15.7	14.7	23.5	20.8	20.1	31.0			
						0.87	325	28.74		16.37		7.75		74.7		5.27			13.7			19.4					
					B	0.86	292	28.63	28.63	17.10	17.10	7.76	7.76	73.6	73.3	5.18	5.16	32.3	32.3	42.0		41.9					
						0.35	233	28.63		17.09		7.75		72.9		5.13		32.2		41.8							
IM18	Cloudy	Calm	19:10	16.6	S	0.64	328	28.83	28.83	14.53	14.52	7.76	7.76	74.2	74.3	5.28	5.29	4.79	9.9	9.9	103.1	9.5	9.3	85.4			
						0.29	261	28.83		14.51		7.75		74.4		5.30			9.9			9.0					
						0.59	2	27.54	27.59	22.39	22.11	7.74	7.74	61.4	61.6	4.28	4.30	20.5	19.3	24.7		23.8					
					M	0.59	2	27.63	26.95	21.83	25.80	7.74	7.73	61.8	61.6	4.31	3.91	18.1	280.0	22.9		223.0					
						0.64	335	26.95		25.79		7.73		57.0		56.6		3.93		279.5			225.0				
						0.87	340	26.94		25.81		7.72		56.2		56.6		3.88		280.5			221.0				
IM19	Cloudy	Calm	19:28	16.5	S	0.55	341	29.18	29.19	14.58	14.68	7.78	7.78	77.8	78.1	5.50	5.52	4.98	12.1	12.2	28.8	5.8	12.0	33.6			
						0.55	341	29.20		14.77		7.77		78.3		5.53			12.2			18.2					
					M	1.30	350	27.69	27.71	22.59	22.51	7.74	7.74	63.7	64.0	4.42	4.44	16.3	15.7	24.5		21.1					
						1.42	353	27.73		22.43		7.74		64.2		4.46		15.0		17.6							
					B	1.11	350	27.07	27.07	25.35	25.36	7.73	7.73	59.9	59.3	4.14	4.10	57.8	58.5	69.3		67.9					
						0.97	327	27.07		25.37		7.73		58.7		4.05		59.1		66.4							

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: 2021/05/28

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	Calm	12:45	17.0	S	1.03	147	28.06	28.26	20.72	20.27	7.96	7.96	96.2	97.5	6.70	6.79	5.55	6.1	6.1	8.4	5.7	5.4	10.4					
						1.03	147	28.45		19.81		7.96		98.8		6.87		6.1	5.1										
						0.67	124	25.32	31.95	32.01	7.83	7.84	63.2	63.1	4.33	4.32	7.2	6.9	7.9										
					M	0.67	124	25.28	25.30	32.07	33.65	7.88	7.88	69.4	69.6	4.75	4.76	11.7	12.3	18.6		18.0	7.8		7.9	7.8			
						0.54	119	24.81		33.66		7.87		69.7		4.77		6.5		6.5									
						0.54	119	24.81		33.66		7.87		69.7		4.77		6.5		6.5									
IM6	Fine	Calm	14:00	16.0	S	1.03	117	28.15	28.14	25.40	25.43	8.13	8.13	108.0	110.1	7.32	7.46	6.09	3.9	4.0	5.0	3.7	4.1	5.5					
						1.03	117	28.13		25.46		8.13		112.1		7.60		4.0	4.0										
						0.65	106	25.42	31.84	31.03	7.97	7.98	68.6	68.9	4.70	4.72	3.4	3.2	4.3	4.0									
					M	0.80	127	25.96	25.69	30.22	34.08	8.01	8.01	69.2	75.5	5.18	5.16	5.14	5.16	7.5		8.0	3.0		3.7	3.7	4.0	8.0	8.3
						0.33	120	24.79		34.06		8.01		75.2		5.14		8.4		8.5									
						0.33	120	24.78		34.09		8.01		75.2		5.14		8.4		8.5									
IM7	Fine	Calm	13:31	13.0	S	0.59	84	28.35	28.33	23.49	23.55	8.12	8.12	97.9	104.1	6.68	7.11	6.12	3.5	3.4	4.9	2.1	2.3	5.6					
						0.59	84	28.31		23.60		8.12		110.3		7.53		3.2	2.4										
						0.43	145	25.21	33.33	33.12	7.99	7.99	76.1	75.3	5.18	5.13	5.0	4.9	5.6	5.5									
					M	0.43	145	25.25	25.23	32.91	33.65	7.98	8.00	77.0	76.5	5.25	5.22	5.08	5.22	4.8		6.4	4.8		4.9	5.4	5.5	5.4	5.5
						0.18	37	25.04		33.65		8.00		77.0		5.25		6.4		6.4									
						0.36	68	25.05		33.65		8.00		75.9		5.18		6.3		6.3									
IM8	Fine	Calm	13:43	15.0	S	0.13	33	28.12	28.12	25.33	25.34	8.13	8.13	107.2	109.1	7.27	7.40	6.09	3.4	3.4	5.3	3.2	2.8	6.3					
						0.13	33	28.12		25.34		8.13		110.9		7.52		3.3	3.4										
						0.30	113	25.85	30.70	30.84	7.97	7.98	70.0	70.0	4.79	4.79	4.2	4.0	4.2	4.5									
					M	0.47	111	25.80	30.98	30.84	7.98	7.98	70.0	70.0	4.78	4.79	3.8	4.0	4.8	4.5									
						0.30	88	25.13	32.92	32.99	7.97	7.97	68.3	68.3	4.67	4.67	7.8	8.5	11.8	11.5									
						0.25	97	25.09	33.06	32.99	7.97	7.97	68.3	68.3	4.67	4.67	9.1	8.5	11.1	11.5									
IM9	Fine	Calm	13:11	15.0	S	0.65	127	27.53	27.52	25.08	25.12	8.03	8.03	88.5	90.0	6.07	6.18	5.26	2.7	2.7	7.2	1.8	1.9	8.5					
						0.65	127	27.50		25.16		8.03		91.5		6.28		2.6	2.0										
						0.50	135	25.71	30.94	30.91	7.91	7.91	63.6	63.6	4.35	4.35	4.5	4.5	4.1	4.6									
					M	0.68	118	25.73	30.87	30.87	7.91	7.91	63.5	63.6	4.35	4.35	4.5	4.5	5.0	4.6									
						0.67	120	25.11	32.91	32.87	7.93	7.93	67.3	66.7	4.60	4.56	14.2	14.5	18.3	19.0									
						0.67	120	25.13	32.82	32.87	7.93	7.93	66.1	66.7	4.52	4.56	14.8	14.5	19.6	19.0									

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: 2021/05/28

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	Calm	06:45	18.0	S	0.42	313	27.59	27.60	24.01	24.01	8.00	8.00	82.9	83.7	5.72	5.78	3.4	3.5	4.5	2.9	3.2	5.2		
						0.42	313	27.60		24.01		8.00		84.5		5.83		3.6			3.5				
						0.39	309	25.20	25.24	32.61	32.51	7.96	7.96	71.9	70.4	4.92	4.82	3.5	3.3	4.0	3.8				
					M	0.42	307	25.27	24.79	34.13	34.13	7.99	7.99	76.1	76.3	5.20	5.22	6.5	6.8	8.8	8.5	4.5		8.8	8.7
						0.35	303	24.79		34.13		7.99		76.5		5.23		7.0		8.5					
						0.61	308	24.79		34.13		7.99		76.5		5.23		7.0		8.5					
IM6	Cloudy	Calm	06:34	16.8	S	0.42	273	27.32	27.33	23.74	23.83	7.95	7.95	78.3	78.8	5.43	5.46	4.0	4.1	4.3	3.4	3.5	4.7		
						0.42	273	27.34		23.92		7.95		79.2		5.49		4.1			3.6				
						0.30	246	25.21	25.21	32.59	32.60	7.94	7.95	67.8	67.5	4.64	4.62	3.3	3.3	4.7	4.5				
					M	0.26	302	25.20	24.81	34.01	34.02	7.98	7.98	74.9	75.1	5.12	5.13	5.0	5.5	6.1	6.2	4.3		6.1	6.2
						0.05	66	24.81		34.01		7.98		74.9		5.12		5.0		6.1					
						0.05	66	24.81		34.02		7.98		75.3		5.14		6.0		6.2					
IM7	Cloudy	Calm	06:08	13.2	S	0.33	310	26.87	26.88	25.11	25.09	7.90	7.90	69.8	69.8	4.84	4.84	5.1	5.1	4.5	5.0	4.6	4.9		
						0.33	310	26.88		25.07		7.90		69.8		4.84		5.1			4.1				
						0.08	89	26.15	26.17	29.86	29.87	7.87	7.87	58.9	58.1	4.03	3.98	3.7	3.6	4.4	4.9				
					M	0.08	89	26.18	24.82	29.88	33.91	7.87	7.96	57.3	72.4	3.92	5.02	3.5	4.9	5.3	5.2	4.5		4.9	5.2
						0.17	287	24.83		33.87		7.96		72.4		4.95		4.7		5.5					
						0.30	308	24.81		33.95		7.96		74.3		5.08		5.1		5.5					
IM8	Cloudy	Calm	06:18	15.0	S	0.16	254	27.01	27.01	24.65	24.57	7.93	7.93	72.2	73.7	5.01	5.12	4.5	4.6	5.2	5.4	5.5	7.1		
						0.02	266	27.01		24.48		7.93		75.1		5.22		4.6			5.6				
						0.30	302	25.29	25.29	32.17	32.18	7.87	7.88	55.6	55.4	3.81	3.80	4.2	4.1	5.0	5.4				
					M	0.38	299	25.29	24.82	32.19	33.92	7.88	7.97	55.2	72.6	3.78	4.96	4.0	7.1	5.8	10.2	4.5		4.0	4.1
						0.32	326	24.82		33.92		7.97		71.7		4.90		7.1		10.5					
						0.32	326	24.82		33.92		7.97		73.5		5.02		7.0		10.2					
IM9	Cloudy	Calm	05:46	14.9	S	0.06	44	26.81	26.90	25.70	25.35	7.85	7.85	64.9	66.0	4.49	4.57	7.0	6.9	10.9	6.6	6.5	14.5		
						0.06	44	26.98		25.00		7.85		67.0		4.64		6.8			6.4				
						0.12	234	25.59	25.62	31.04	30.96	7.86	7.86	59.7	59.3	4.09	4.06	8.7	8.5	10.8	11.0				
					M	0.29	182	25.64	25.00	30.87	33.06	7.86	7.90	58.8	65.3	4.03	4.47	8.2	17.4	11.2	27.4	4.5		8.2	26.0
						0.41	340	25.00		33.12		7.90		65.3		4.47		17.6		24.5					
						0.41	340	25.00		33.12		7.90		65.3		4.47		17.2		27.4					

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: 2021/05/31

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	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E5	Rainy	Moderate	08:52	6.6	S	0.06	213	28.39	28.40	16.92	16.93	7.72	7.72	88.0	87.9	6.23	6.22	6.09	8.7	8.7	8.8	7.5	7.4	8.8		
						0.06	213	28.40		16.93		7.72		87.8		6.21			8.6			7.2				
						0.23	118	28.61	17.98	7.70	85.0	5.96	7.6	7.5	7.4											
					M	0.23	118	28.61	28.61	17.90	17.94	7.70	7.70	85.0	85.0	5.96	5.96	7.4	7.4	10.3	7.4	7.4	11.3	7.2	7.3	11.7
						0.24	30	28.41		19.09		7.68		79.9		5.58		9.7			11.3					
						0.24	30	28.39	18.77	7.68	77.5	5.43	10.9	12.0												
F6	Rainy	Moderate	08:19	13.5	S	0.21	212	28.88	28.88	15.96	15.96	7.66	7.66	85.1	85.4	6.00	6.03	5.53	6.8	6.8	9.4	5.6	5.8	6.2		
						0.21	212	28.88		15.95		7.66		85.7		6.05			6.7			6.0				
						0.35	317	28.38	20.13	7.63	72.4	5.03	8.6	7.5												
					M	0.53	302	28.30	28.34	20.75	20.44	7.62	7.63	72.6	72.5	5.04	5.04	8.3	8.5	3.89	7.9	7.9	13.0	7.5	7.7	5.1
						0.41	301	27.02		26.42		7.61		57.5		3.95		5.1								
						0.41	301	27.02	26.43	7.60	55.6	3.82	13.3	5.1												
IM17	Rainy	Moderate	09:22	5.3	S	0.49	292	28.86	28.86	10.52	10.74	7.75	7.75	88.7	88.5	6.45	6.43	6.43	6.3	6.3	12.5	5.0	4.6	9.7		
						0.49	292	28.85		10.96		7.74		88.2		6.40			6.3			4.2				
					B	0.78	284	28.57	28.57	19.20	19.25	7.67	7.67	76.7	75.6	5.34	5.26	17.5	18.8	15.4	14.8	14.8				
						0.78	284	28.56		19.29		7.67		74.4		5.18		20.0								
IM18	Rainy	Moderate	09:35	17.3	S	0.37	314	29.25	29.34	13.63	14.08	7.72	7.71	86.5	86.5	6.14	6.12	5.09	7.1	7.2	28.1	5.4	5.2	22.5		
						0.34	328	29.43		14.52		7.70		86.5		6.10			4.9							
						0.59	322	27.17	25.91	7.67	58.9	4.05	9.3	7.6												
					M	0.97	333	27.16	27.17	25.90	25.91	7.67	7.67	58.9	58.9	4.05	4.05	7.8	8.6	3.99	7.3	7.3	68.5	7.3	7.5	54.8
						0.69	328	26.76		27.55		7.68		58.2		3.99		69.9			53.4					
						0.67	356	26.76	27.57	7.68	58.0	3.98	67.1	56.1												
IM19	Rainy	Moderate	09:51	17.4	S	0.24	347	29.25	29.22	13.60	13.33	7.73	7.74	86.7	87.8	6.16	6.25	5.34	6.8	6.7	27.4	5.0	4.9	28.2		
						0.41	293	29.18		13.06		7.74		88.8		6.33			4.8							
						0.23	289	28.00	23.02	7.66	64.2	4.42	8.1	8.9												
					M	0.48	355	28.03	28.02	22.95	22.99	7.66	7.66	64.8	64.5	4.46	4.44	7.3	7.7	4.23	7.3	7.7	67.9	9.0	9.0	70.7
						0.68	16	27.00		26.86		7.68		62.1		4.26		71.9			71.9					
						0.54	18	27.00	26.87	7.68	61.3	4.20	69.4	69.4												

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

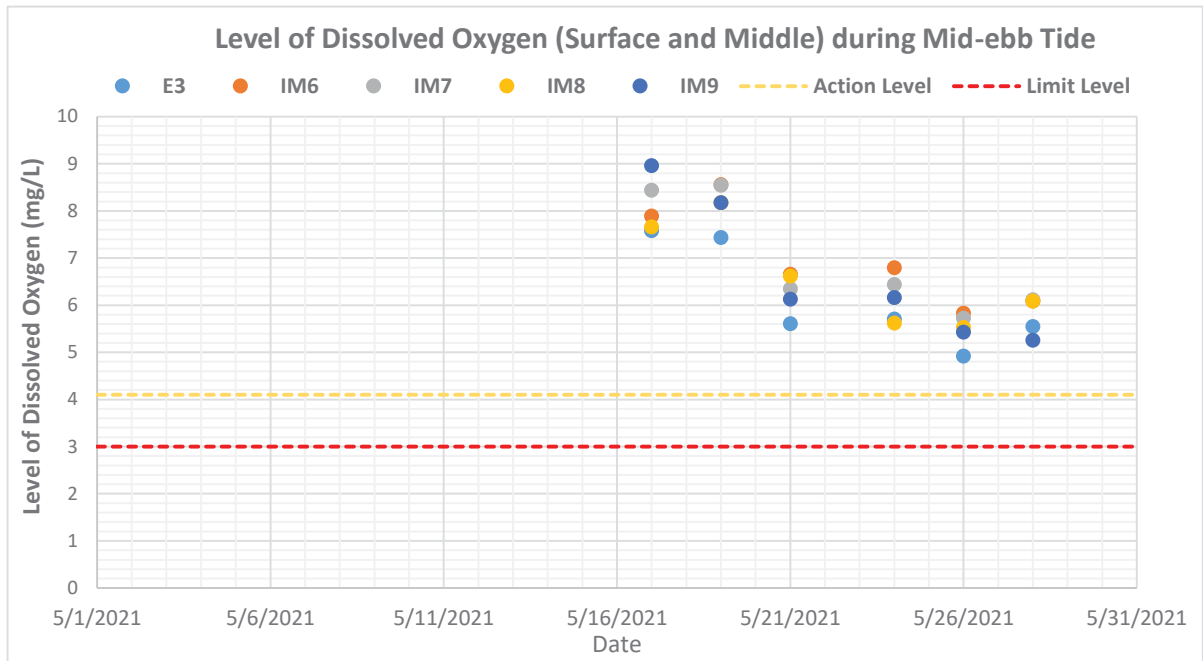


Figure G1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in May 2021.

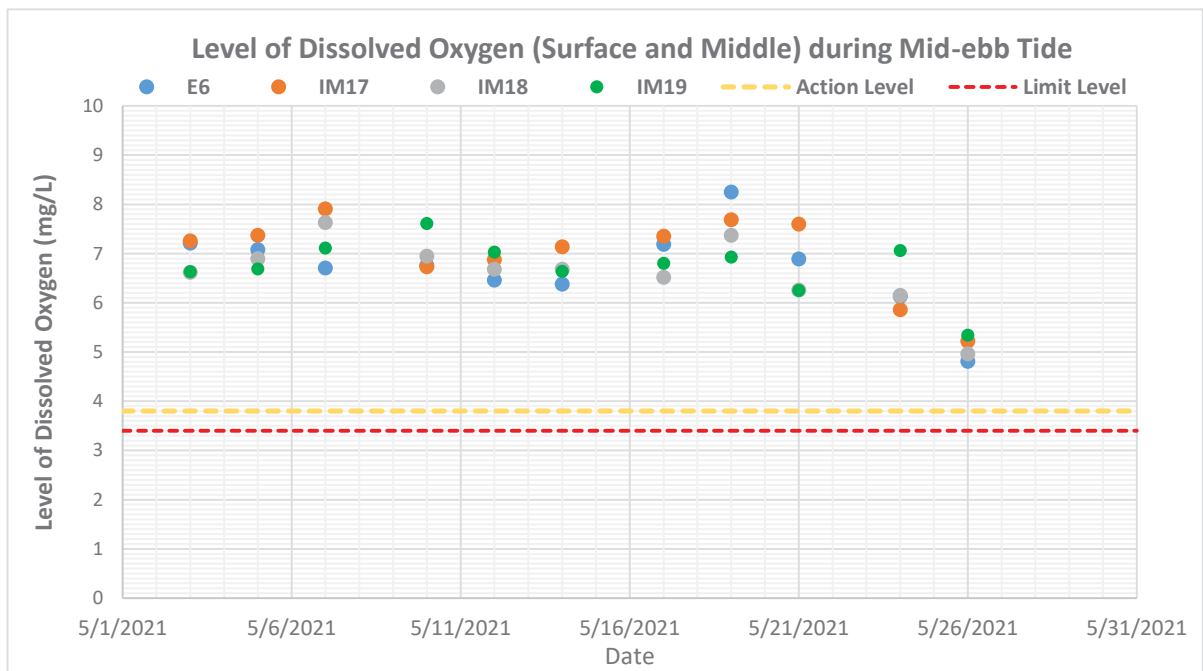


Figure G1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in May 2021.

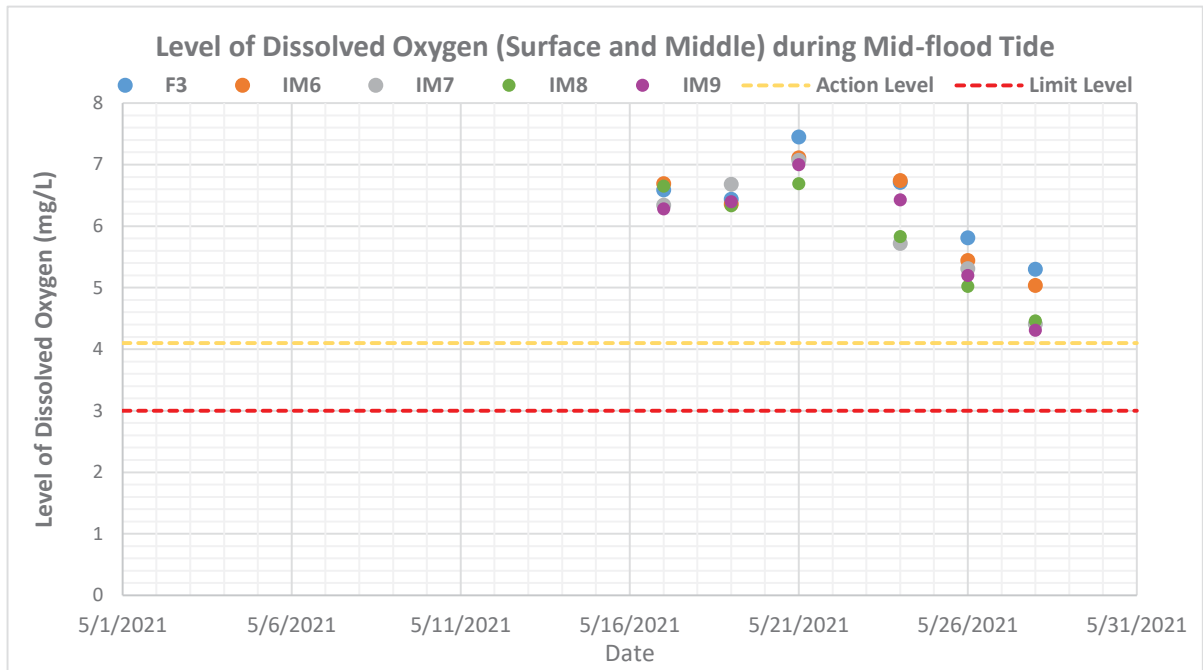


Figure G1c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in May 2021.

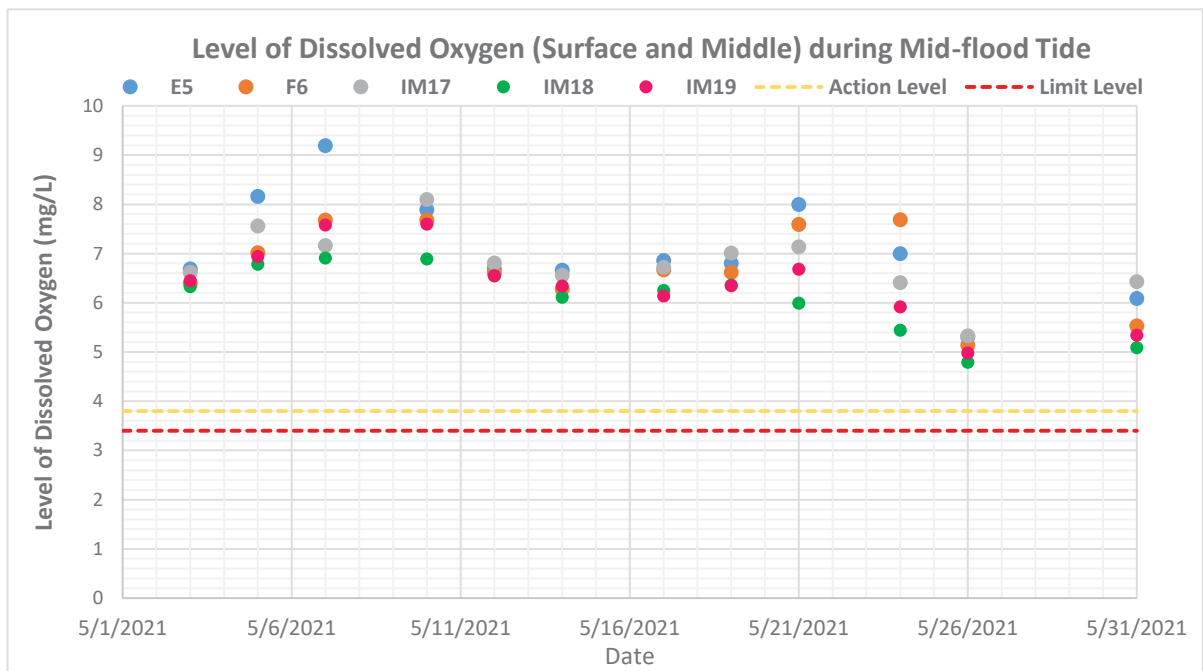


Figure G1d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in May 2021.

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

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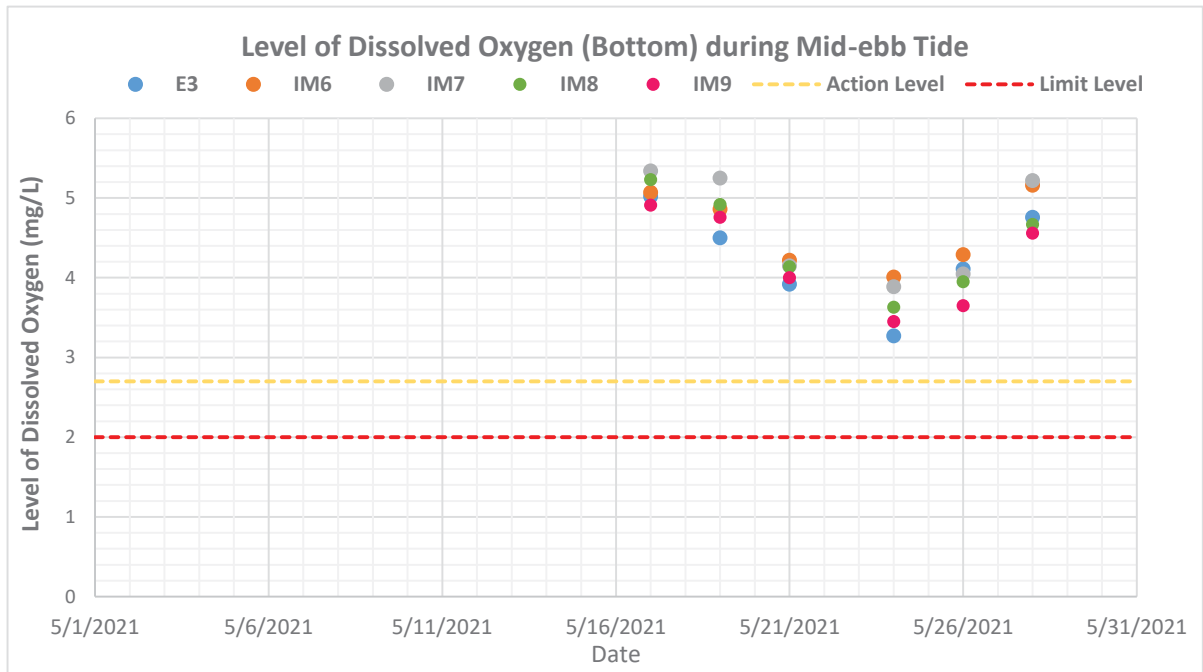


Figure G2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in May 2021.

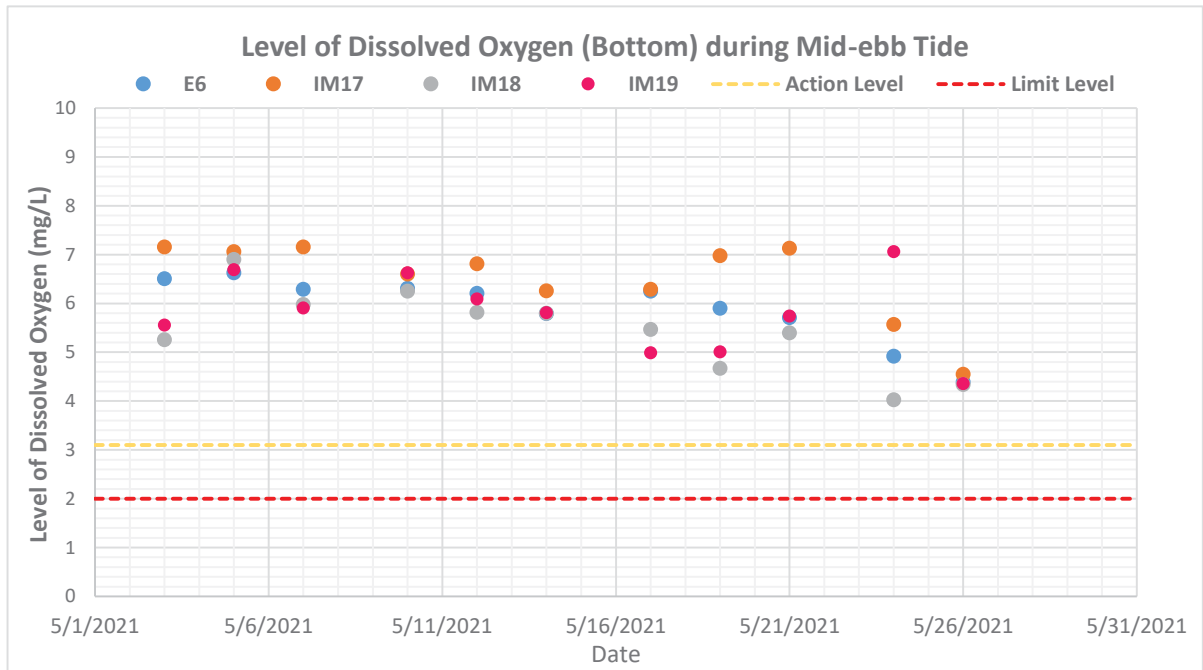


Figure G2b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in May 2021.

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

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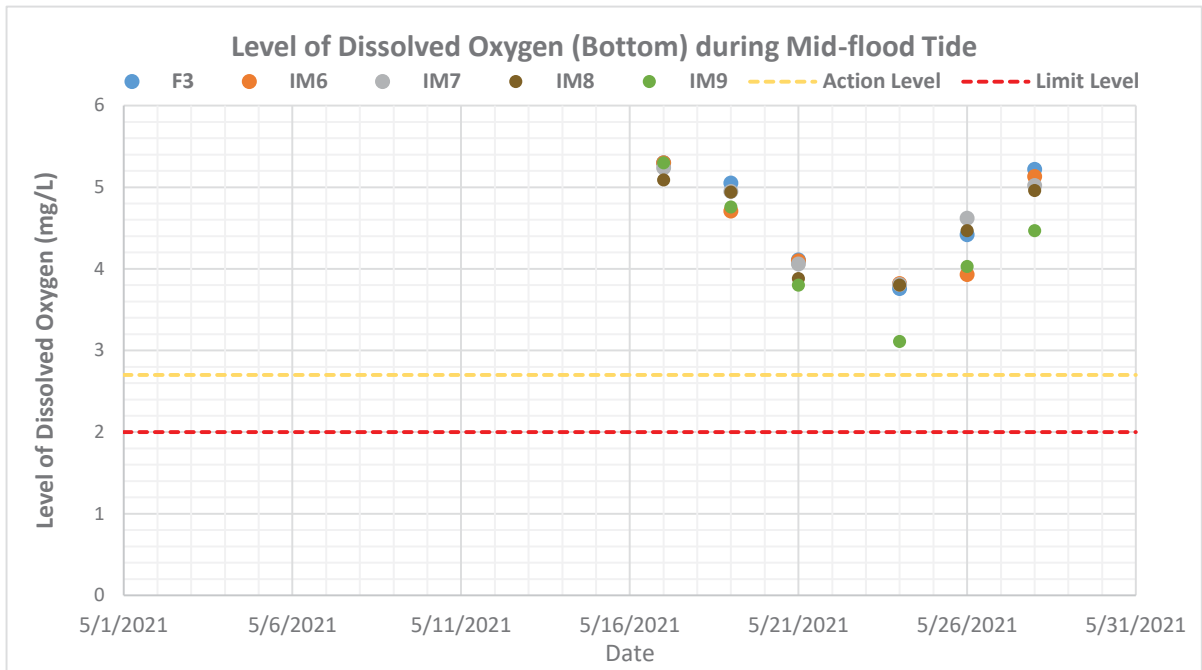


Figure G2c: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in May 2021.

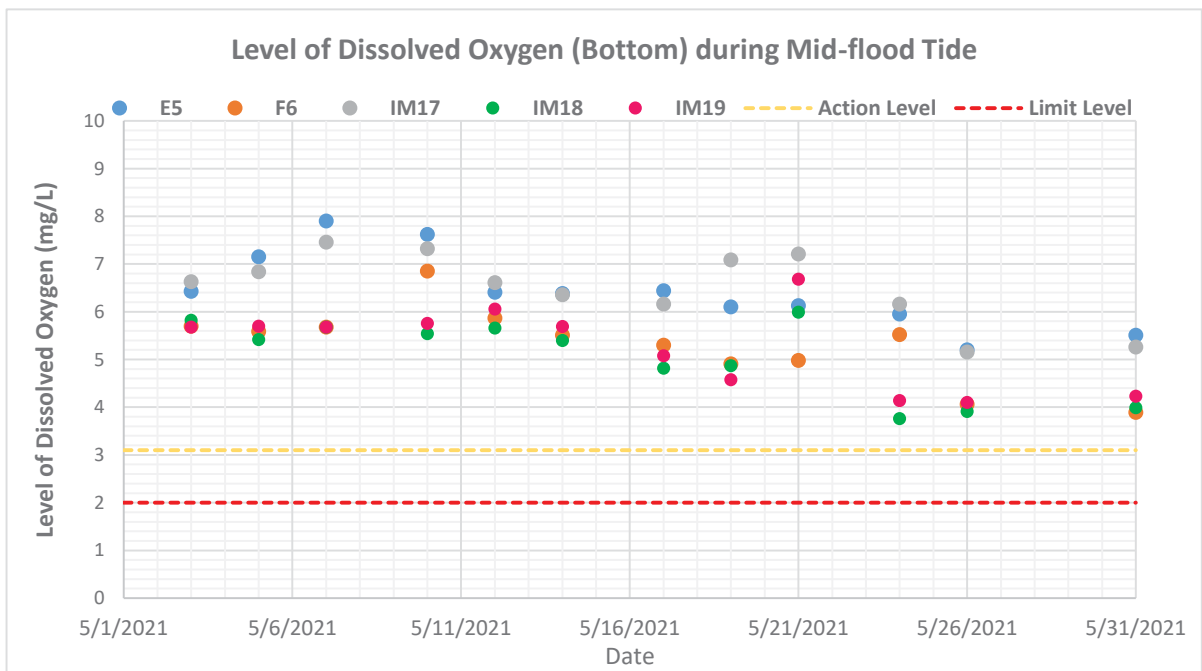


Figure G2d: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in May 2021.

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

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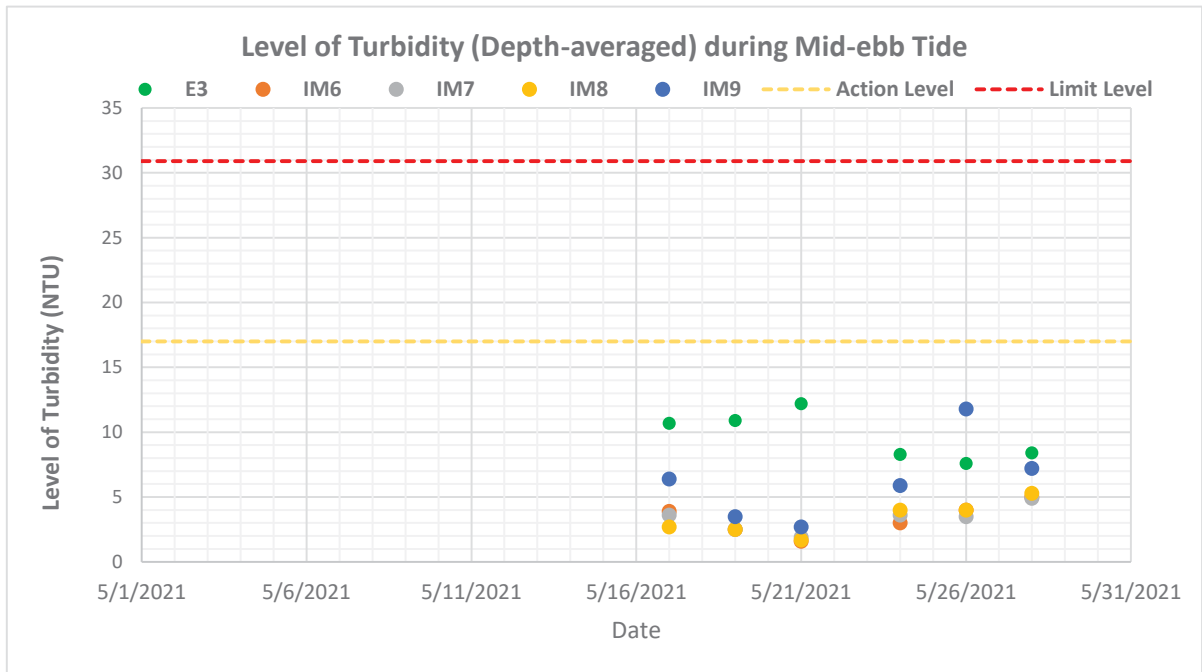


Figure G3a: Levels of Depth-averaged Turbidity (NTU) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in May 2021.

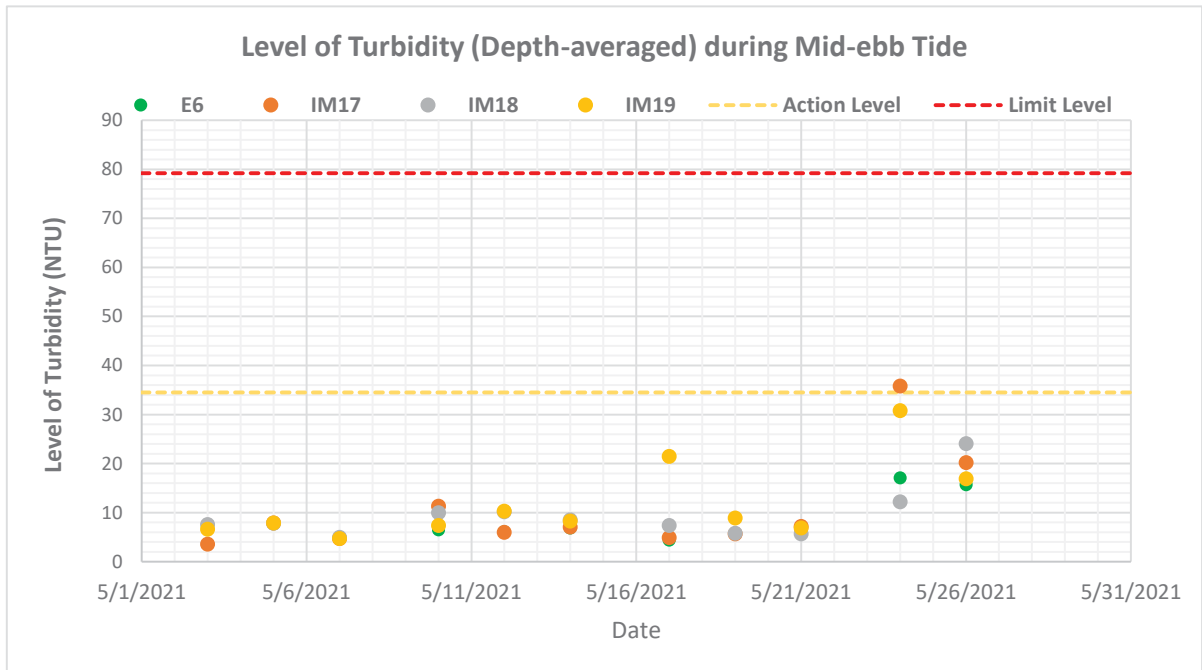


Figure G3b: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in May 2021.

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

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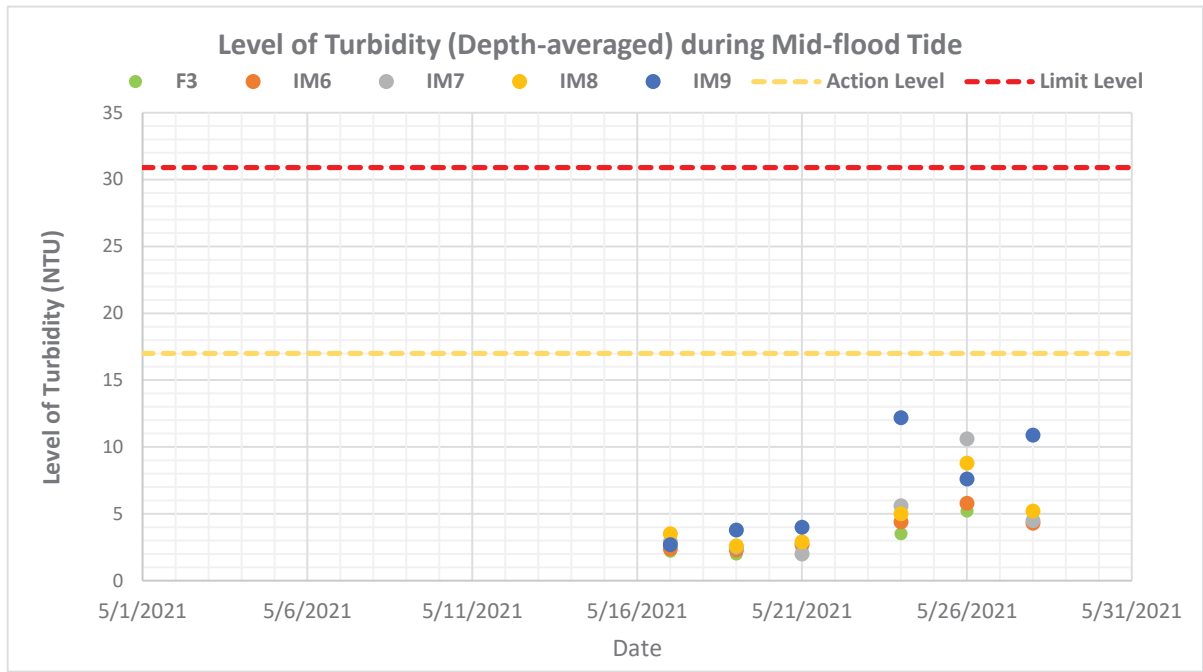


Figure G3c: Levels of Depth-averaged Turbidity (NTU) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in May 2021.

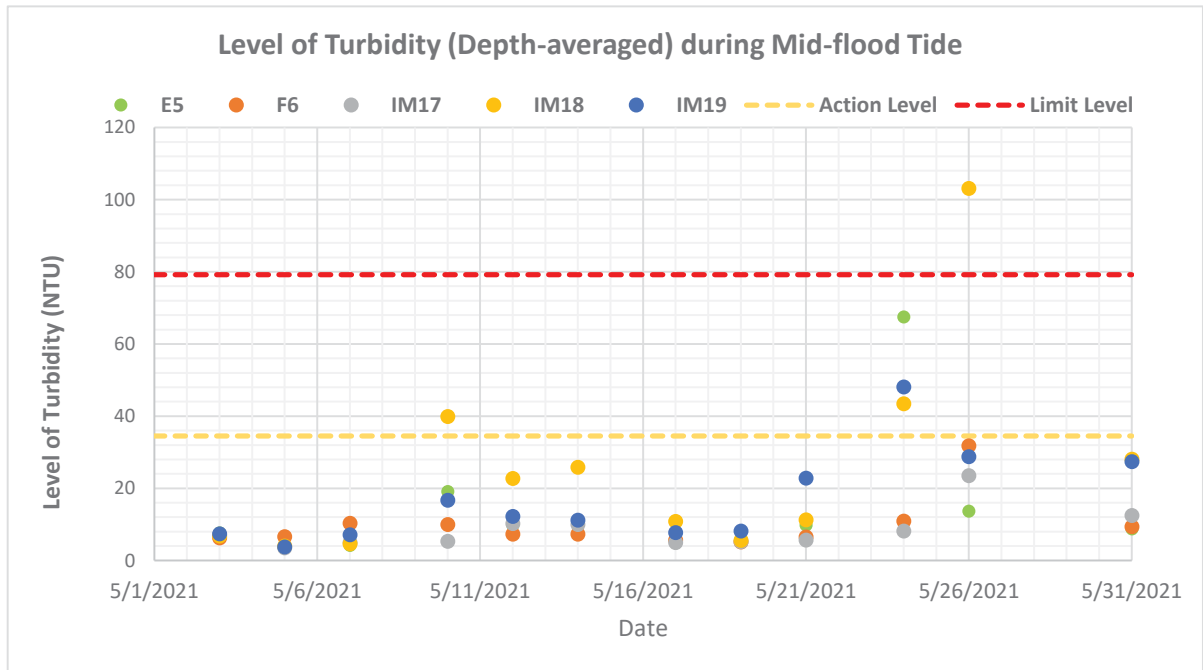


Figure G3d: Levels of Depth-averaged Turbidity (NTU) at control station (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in May 2021.

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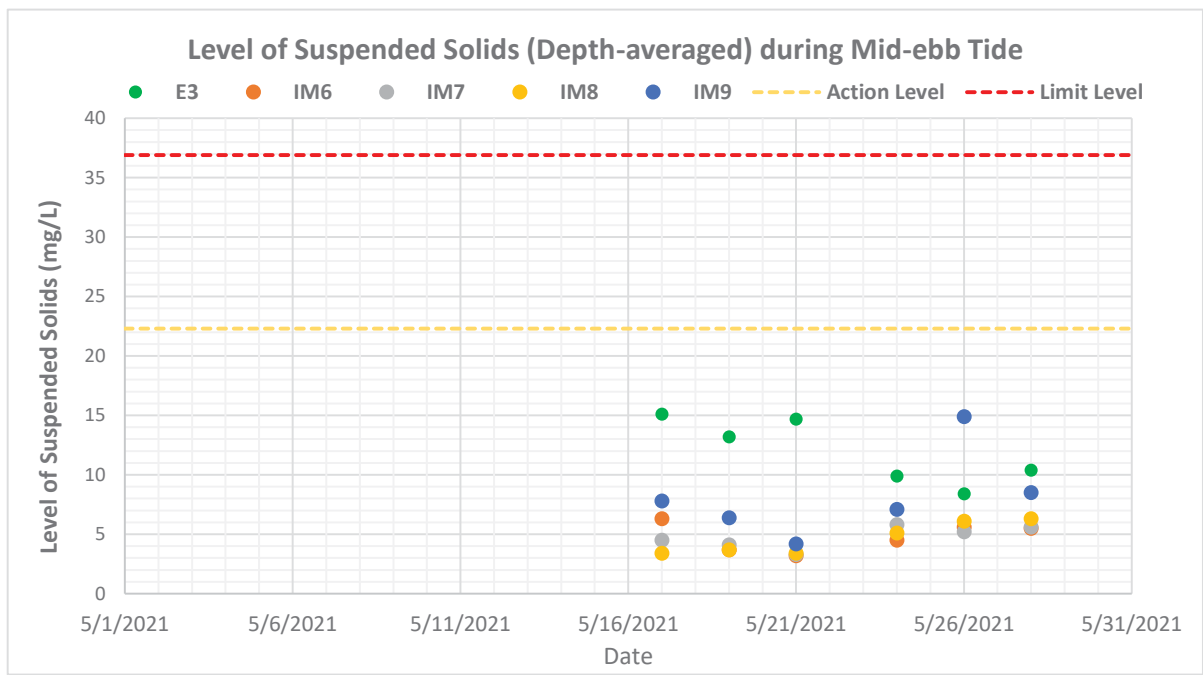


Figure G4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in May 2021.

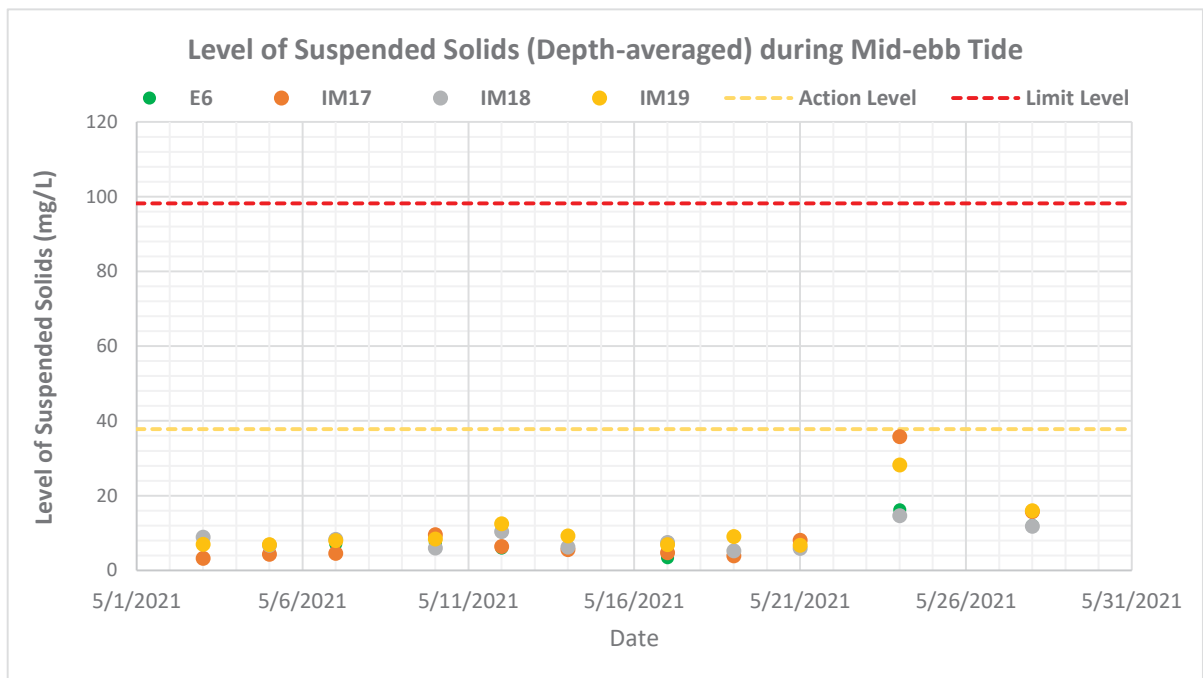


Figure G4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in May 2021.

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

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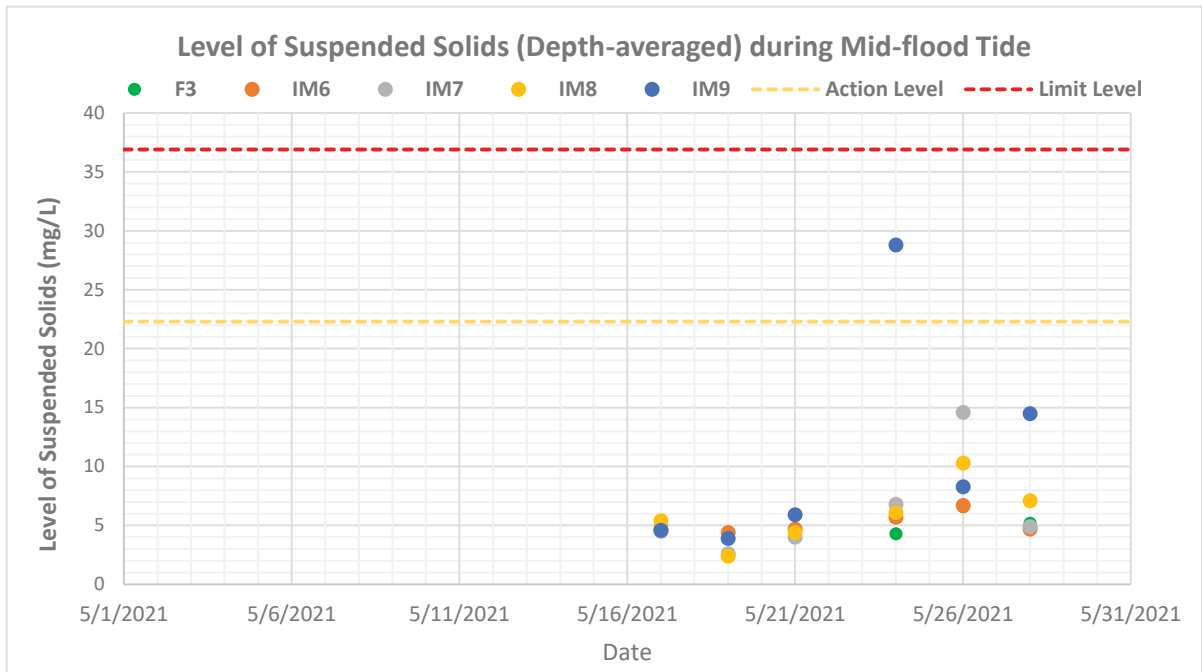


Figure G4c: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in May 2021.

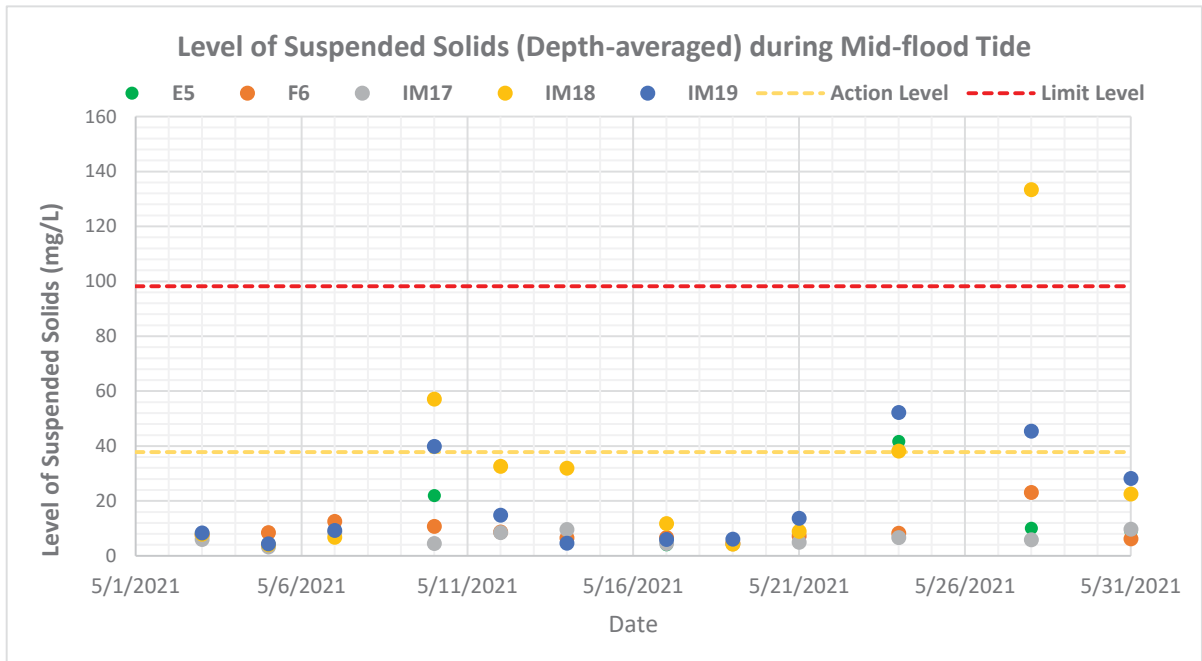


Figure G4d: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in May 2021.

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

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