

ANNEX G

CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS

Water Quality Monitoring Data Log Sheet

Date: 2021/06/02

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E6	Cloudy	Calm	17:13	6.3	S	0.55	67	29.10	29.06	5.82	6.26	8.07	8.03	85.6	86.9	6.36	6.45	5.93	7.7	7.8	6.8	5.0	5.0	5.5	
						0.55	67	29.02		6.70		7.98		88.2		6.53			7.8			5.0			
					M	0.44	120	28.49	28.53	13.98	12.94	8.02	8.00	74.5	75.1	5.35	5.42	5.9	5.4	5.4	6.4	6.9	5.7		6.0
						0.44	120	28.57		11.89	7.97	75.6		5.48		5.4		5.7							
					B	0.96	177	27.82	27.72	21.45	22.13	8.15	8.11	68.6	67.5	4.78	4.70	6.4	4.70	7.3	6.9	6.2	6.0		
						0.28	186	27.62		22.80		8.06		66.4		4.61		7.3		6.2					
IM17	Cloudy	Calm	17:38	5.4	S	0.60	85	29.17	29.19	8.12	8.01	7.93	7.93	96.1	96.4	7.05	7.07	7.07	5.4	5.5	5.8	2.9	3.0	3.8	
						0.60	85	29.21		7.89		7.92		96.7		7.09			5.5			3.1			
					B	0.45	125	27.97	28.00	21.21	19.32	7.74	7.76	79.0	75.4	5.50	5.30	6.0	5.30	6.1		6.1	5.0		4.6
						0.69	203	28.03		17.42		7.77		71.8		5.10		6.1		4.2					
IM18	Cloudy	Calm	17:50	17.2	S	0.64	160	29.08	29.09	7.18	7.18	7.94	7.93	89.5	92.1	6.61	6.80	5.65	5.8	5.9	7.1	3.1	2.8	6.2	
						0.55	146	29.09		7.17		7.92		94.6		6.98			6.0			2.4			
					M	0.42	128	27.39	27.39	24.35	24.32	7.73	7.73	64.7	65.1	4.47	4.50	5.1	4.50	4.9		4.9	5.3		5.6
						0.42	128	27.39		24.28		7.73		65.4		4.52		4.7		5.9					
					B	0.40	152	26.67	26.67	27.72	27.73	7.73	7.73	59.7	59.2	4.10	4.06	10.6	4.06	10.4		10.4	10.7		10.4
						0.38	136	26.67		27.73		7.73		58.6		4.02		10.1		10.0					
IM19	Cloudy	Calm	18:11	17.3	S	0.73	150	28.99	29.00	7.58	7.45	7.88	7.88	87.4	89.2	6.45	6.59	5.44	8.8	8.8	10.5	3.6	3.6	9.6	
						1.31	160	29.00		7.31		7.88		91.0		6.72			8.7			3.5			
					M	0.59	118	27.48	27.49	24.06	24.02	7.71	7.71	62.3	62.2	4.30	4.29	9.5	4.29	9.7		9.7	10.1		10.0
						0.59	118	27.50		23.97		7.70		62.0		4.28		9.8		9.8					
					B	0.45	179	26.19	26.21	29.17	29.12	7.73	7.74	60.3	59.6	4.14	4.09	13.4	4.09	13.1		13.1	15.1		15.4
						0.35	189	26.23		29.06		7.74		58.8		4.03		12.8		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; B: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/06/02

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E5	Cloudy	Calm	11:05	6.0	S	0.20	182	28.47	28.47	13.80	13.85	7.79	7.79	85.9	86.6	6.18	6.23	5.95	5.9	5.9	7.1	5.6	5.8	7.0			
						0.20	182	28.47	28.47	13.89	13.85	7.79	7.79	87.2	86.6	6.27	6.23		5.9	5.9		6.0					
						0.15	291	28.30	28.31	15.93	15.90	7.77	7.77	78.0	79.7	5.56	5.68		6.9	6.7		5.6					
					M	0.43	145	28.32	28.32	15.86	15.86	7.76	7.76	81.4	81.4	5.80	5.80	6.5	6.5	8.3	8.6	7.1	9.2	9.3	7.0		
						0.30	300	27.31	27.32	23.99	23.96	7.72	7.72	72.8	70.1	5.04	4.86	4.86	8.9	8.6	9.3						
						0.56	4	27.32	27.32	23.92	23.96	7.72	7.72	67.4	70.1	4.67	4.86	4.86	8.9	8.6	9.3						
F6	Cloudy	Calm	10:36	14.0	S	0.54	145	28.70	28.71	15.09	14.97	7.76	7.76	81.1	82.6	5.77	5.88	5.23	6.2	6.1	8.7	3.3	3.8	8.6			
						0.37	159	28.71	28.71	14.84	14.84	7.76	7.76	84.1	82.6	5.99	5.88		5.9	6.1		4.2					
						0.16	39	27.36	27.36	24.42	24.44	7.71	7.71	65.9	66.3	4.55	4.58		7.7	7.6		7.0					
					M	0.16	39	27.35	27.36	24.45	24.44	7.71	7.71	66.6	66.3	4.60	4.58	7.4	7.6	7.8	7.4	7.4	8.7	7.8	7.4	8.6	
						0.28	344	26.32	26.33	29.03	29.01	7.71	7.71	54.9	54.7	3.76	3.75	3.75	12.6	12.4	15.2						
						0.09	6	26.34	26.33	28.98	29.01	7.71	7.71	54.4	54.7	3.73	3.75	3.75	12.2	12.4	14.0						
IM17	Cloudy	Calm	11:38	5.0	S	0.71	212	28.78	28.79	11.79	11.79	7.83	7.83	84.2	86.7	6.09	6.27	6.27	6.2	6.2	6.6	3.9	4.3	5.3			
						0.71	212	28.80	28.79	11.78	11.79	7.83	7.83	89.2	86.7	6.45	6.27	6.27	6.1	6.2		4.7					
						0.51	292	27.95	27.95	21.79	21.60	7.71	7.71	70.2	69.5	4.87	4.83	4.83	7.1	7.1		5.9					
					B	0.34	253	27.94	27.95	21.41	21.60	7.71	7.71	68.7	7.71	4.78	4.83	4.83	7.1	7.1	6.6	6.3	6.6	6.6	6.3	5.3	
						0.51	292	27.95	27.95	21.79	21.60	7.71	7.71	70.2	69.5	4.87	4.83	4.83	7.1	7.1	5.9						
						0.34	253	27.94	27.94	21.41	21.60	7.71	7.71	68.7	7.71	4.78	4.83	4.83	7.1	7.1	6.6						
IM18	Cloudy	Calm	11:49	17.1	S	0.42	326	28.86	28.82	12.97	13.06	7.81	7.80	80.7	82.6	5.79	5.93	5.09	6.3	6.3	13.0	3.4	3.7	5.5			
						0.59	35	28.77	28.82	13.15	13.06	7.78	7.80	84.4	82.6	6.06	5.93		6.3	6.3		4.0					
						0.54	11	27.06	27.07	26.17	26.13	7.73	7.73	61.3	61.9	4.21	4.26		6.6	6.2		6.2					
					M	0.54	11	27.07	27.07	26.08	26.13	7.73	7.73	62.5	61.9	4.30	4.26	5.7	6.2	5.9	6.2	6.2	13.0	6.2	6.1	5.5	
						0.13	67	26.14	26.14	29.66	29.67	7.74	7.74	56.3	56.1	3.85	3.84	3.84	28.3	26.4	7.2						
						0.65	340	26.14	26.14	29.68	29.67	7.74	7.74	55.8	56.1	3.82	3.84	3.84	24.5	26.4	6.5						
IM19	Cloudy	Calm	12:06	17.2	S	0.34	315	28.89	28.89	15.87	15.41	7.76	7.76	78.6	80.1	5.55	5.67	4.91	6.3	6.2	18.5	3.1	3.1	21.6			
						0.32	270	28.89	28.89	14.94	15.41	7.76	7.76	81.5	80.1	5.78	5.67		6.0	6.2		3.1					
						0.18	337	26.98	26.97	26.51	26.58	7.73	7.73	60.4	60.5	4.15	4.16		7.0	6.5		6.4					
					M	0.60	321	26.95	26.97	26.65	26.58	7.73	7.73	60.5	60.5	4.16	4.16	6.0	6.5	5.6	6.0	5.6	6.0	18.5	5.6	6.0	21.6
						0.34	335	26.39	26.42	28.74	28.66	7.74	7.74	57.8	57.5	3.96	3.94	3.94	44.2	43.0	54.2						
						0.34	335	26.44	26.42	28.57	28.66	7.73	7.73	57.1	57.5	3.91	3.94	3.94	41.7	43.0	57.2						

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/06/04

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Cloudy	Moderate	09:16	5.0	S	0.25	31	28.14	28.15	4.05	4.18	7.91	7.90	88.8	89.2	6.78	6.81	6.81	8.5	8.6	8.3	6.1	6.2	6.9
						0.25	31	28.15		4.30		7.89		89.6		6.83			8.6			6.3		
					B	0.14	146	28.09	28.15	13.99	13.88	7.74	7.74	69.8	69.8	5.05	5.05	5.05	7.9	8.1	8.1	7.6		
						0.43	178	28.20		13.76		7.73		69.7		5.04			8.3					
IM17	Cloudy	Moderate	08:53	4.2	S	0.51	242	28.56	28.55	11.24	10.95	7.90	7.90	87.0	88.0	6.34	6.43	6.43	6.9	6.8	8.0	4.6	5.2	6.7
						0.51	242	28.53		10.66		7.90		89.0		6.51			6.7			5.7		
					B	0.17	193	28.10	28.07	16.97	17.39	7.85	7.86	78.7	78.5	5.60	5.57	5.57	8.9	9.2	8.6	8.2		
						0.17	193	28.04		17.80		7.86		78.2		5.54			9.5		7.8			
IM18	Cloudy	Moderate	08:39	16.3	S	0.41	153	28.59	28.61	13.52	13.09	7.89	7.90	85.4	86.0	6.14	6.19	5.20	5.5	5.5	5.6	5.6	5.2	6.6
						0.41	153	28.62		12.66		7.90		86.5		6.24			5.5			4.8		
					M	0.33	20	26.76	26.73	25.09	25.31	7.82	7.82	60.3	60.7	4.19	4.22	4.22	4.8	4.7	6.5	6.1		
						0.23	234	26.69		25.53		7.82		61.1		4.24			4.6		5.7			
					B	0.67	165	25.67	25.65	29.68	29.77	7.83	7.83	54.9	54.4	3.79	3.76	3.76	6.5	6.7	8.1	8.6		
						0.67	165	25.63		29.86		7.83		53.9		3.72			6.8		9.0			
IM19	Cloudy	Moderate	09:39	18.3	S	1.36	219	28.51	28.53	10.87	10.48	7.88	7.88	80.4	83.6	5.87	6.12	5.06	6.1	6.1	5.5	4.0	4.4	5.0
						1.36	219	28.55		10.09		7.87		86.8		6.36			6.1			4.7		
					M	0.33	199	26.19	26.34	27.83	27.20	7.82	7.82	57.9	57.9	4.00	4.00	4.00	4.8	5.0	4.3	4.5		
						0.38	195	26.48		26.56		7.81		57.8		4.00			5.2		4.7			
					B	0.51	107	25.56	25.56	29.96	29.98	7.84	7.84	56.0	55.4	3.87	3.82	3.82	5.5	5.4	5.6	6.1		
						0.51	107	25.56		30.00		7.84		54.7		3.77			5.3		6.5			

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/06/04

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E5	Cloudy	Moderate	14:53	5.4	S	0.26	280	28.20	28.20	7.75	7.75	7.92	7.92	91.9	92.0	6.87	6.88	6.88	6.4	6.5	6.0	5.0	4.8	4.4		
						0.26	280	28.19	28.20	7.74		7.92		92.0		6.88		6.4				6.5				
					B	0.46	13	28.33	28.29	10.75	11.27	7.90	7.89	89.7	87.7	6.60	6.40	6.40	6.2	5.6	5.4	5.5	6.2		4.8	4.9
						0.58	238	28.25		11.79		7.87		85.7		6.20		5.4		4.2						
F6	Cloudy	Moderate	13:19	12.4	S	0.40	159	28.41	28.45	8.51	8.91	7.83	7.79	83.7	85.4	6.20	6.24	5.09	6.2	6.2	8.4	4.8	4.9			
						0.40	159	28.48	28.45	9.30		7.74		87.1		6.28						6.1		6.2		
					M	0.34	180	26.73	26.75	25.20	25.12	7.69	7.69	57.1	56.8	3.97	3.95	5.09	6.2	6.9	6.9	8.4	7.4	7.6		
						0.20	303	26.77	26.75	25.04		7.68		56.4		3.92							6.9		7.8	
					B	0.31	320	25.86	25.88	28.61	28.59	7.72	7.72	55.3	54.8	3.83	3.79	3.79	11.9	12.1	12.1	8.4	14.2	13.9		
						0.16	309	25.89	25.88	28.56		7.72		54.2		3.75							12.2		13.6	
IM17	Cloudy	Moderate	14:27	4.1	S	0.43	221	28.52	28.52	6.93	6.26	7.86	7.87	85.5	86.0	6.37	6.44	6.44	9.3	9.7	10.2	7.0	7.2			
						0.43	221	28.51	28.52	5.58		7.87		86.4		6.50						10.1		7.4		
					B	0.45	234	27.88	28.02	16.15	15.38	7.78	7.80	76.1	73.5	5.43	5.30	5.30	10.8	10.6	10.6	10.2	9.2	9.8		
						0.25	268	28.16	28.02	14.60		7.82		70.9		5.17							10.4		10.4	
IM18	Cloudy	Moderate	14:16	16.1	S	0.28	188	28.67	28.62	7.45	7.37	7.89	7.90	77.7	82.3	5.72	6.10	4.84	7.3	7.8	11.7	5.5	5.1			
						0.28	188	28.56	28.62	7.28		7.90		86.9		6.47						8.3		4.6		
					M	0.64	282	26.01	26.03	28.09	28.01	7.81	7.81	52.6	51.9	3.64	3.59	4.84	6.6	6.9	6.9	11.7	8.3	8.9		
						0.55	242	26.04	26.03	27.92		7.81		51.1		3.54							7.2		9.4	
					B	0.88	359	25.26	25.25	30.91	30.95	7.85	7.85	51.6	51.6	3.56	3.56	3.56	3.56	18.5	20.4	20.4	11.7	20.8	20.2	
						0.88	359	25.23	25.25	30.99		7.85		51.5		3.55								22.2		19.5
IM19	Cloudy	Moderate	13:58	16.3	S	0.39	225	28.52	28.52	5.86	6.01	7.94	7.93	82.4	85.8	6.19	6.44	4.93	9.1	9.2	8.4	7.1	7.0			
						0.39	225	28.52	28.52	6.16		7.91		89.2		6.69						9.3		6.8		
					M	0.42	20	25.75	25.95	28.98	28.32	7.78	7.79	48.0	49.4	3.32	3.42	4.93	8.8	8.4	8.4	8.4	10.1	9.8		
						0.35	11	26.15	25.95	27.65		7.79		50.7		3.51							7.9		9.5	
					B	0.21	6	25.34	25.32	30.67	30.70	7.83	7.84	52.7	52.4	3.64	3.62	3.62	3.62	7.4	7.7	7.7	8.4	8.8	8.5	
						0.83	359	25.29	25.32	30.72		7.84		52.1		3.60								7.9		8.2

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: 2021/06/07

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)							
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*					
E6	Cloudy	Calm	11:13	6.0	S	0.61	143	27.48	27.49	16.30	16.36	8.19	8.20	107.4	112.3	7.75	8.10	6.18	5.1	5.0	7.6	6.0	5.9	9.4					
						0.61	143	27.50		16.42		8.20		117.1		8.44			4.8			5.8							
						1.32	134	26.71		21.30		7.87		63.4		4.51			7.1			6.2							
					M	0.74	180	26.51	21.93	7.79	56.4	4.01	7.2	12.6															
						0.06	96	25.57	27.92	7.87	60.8	4.24	9.9	12.7															
						0.91	144	25.56	27.88	7.87	55.3	3.86	11.2	12.9															
IM17	Cloudy	Calm	11:38	5.0	S	0.45	151	27.81	27.79	18.61	18.48	8.36	8.37	143.7	144.6	10.17	10.25	10.25	3.7	3.7	4.1	5.3	5.3						
						0.45	151	27.76		18.34		8.37		145.5		10.33			3.7			5.2							
						0.20	166	27.43		20.17		8.27		130.0		9.18			4.6			5.5							
					B	0.51	180	27.39	20.17	8.25	127.8	9.03	4.5	5.9															
						IM18	Cloudy	Calm	11:50	17.0	S	0.56	160	27.20	27.24	19.88	19.80	8.28	8.30	110.9	121.7	7.88	8.64	6.45	4.1	4.1	8.2	5.5	5.3
												0.56	160	27.28		19.71		8.31		132.4		9.40			4.1			5.0	
0.86	129	25.68	27.63	7.92	60.1							4.19	5.3	5.2															
M	0.50	190	25.70	27.53	7.92						62.2	61.2	4.34	4.27	4.4	4.9	5.7												
	B	0.73	181	25.17	29.86						7.89	55.4	3.85	3.81	3.81	14.9	15.6	17.6											
		0.53	149	25.17	29.86						7.89	54.2	3.77	3.81	16.3	18.8													
IM19		Cloudy	Calm	10:49	17.8	S	0.84	202	27.24	27.23	20.24	20.29	8.10	8.10	96.1	99.8	6.81	7.07	5.62	4.2	4.2	9.5	5.6	5.4					
	0.84						202	27.21	20.34		8.10		103.5		7.33		4.1			5.1									
	1.12						147	25.69	27.72		7.85		58.2		4.06		9.0			9.0									
	M					0.75	195	25.73	27.59	7.85	61.1	4.26	6.7	10.7															
						B	0.60	230	25.33	29.35	7.83	54.0	3.75	6.2	25.2														
							0.60	230	25.32	29.40	7.82	53.8	3.74	3.75	16.2	25.3													
									16.6	16.6	16.9																		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/06/07

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	Cloudy	Calm	17:51	6.0	S	0.81	36	27.42	27.45	20.36	20.22	8.38	8.39	125.0	127.6	8.82	9.01	7.54	7.9	6.8	19.4	7.4	7.7	25.2
						0.81	36	27.47	20.07	8.39	130.1	9.19	5.6	7.9										
						0.57	24	26.22	27.21	8.16	87.9	6.09	27.9	31.2										
					M	0.48	7	26.22	27.21	8.15	87.2	6.04	30.5	33.0										
						0.54	34	26.15	27.72	8.16	93.9	6.50	21.8	40.9										
						0.46	22	26.18	27.52	8.16	88.9	6.16	22.5	30.8										
F6	Cloudy	Calm	16:14	13.9	S	0.21	203	27.31	27.45	19.91	19.58	8.24	8.30	102.3	115.5	7.25	8.19	6.12	4.7	4.7	14.7	10.4	9.0	13.2
						0.21	203	27.59	19.24	8.35	128.6	9.12	4.6	7.5										
						0.24	236	25.62	27.92	7.85	58.0	4.05	6.3	5.2										
					M	0.26	240	25.64	25.63	27.88	7.86	7.86	58.4	5.4										
						0.39	328	24.97	24.96	30.47	7.82	7.82	51.9	24.6										
						0.56	343	24.95	30.56	7.82	51.3	3.57	34.7	25.8										
IM17	Cloudy	Calm	17:19	5.0	S	0.85	329	27.21	27.42	18.46	18.12	8.15	8.20	96.6	105.0	6.92	7.50	7.50	10.1	8.6	12.9	11.7	10.9	16.0
						0.85	329	27.63	17.77	8.24	113.3	8.08	7.0	10.1										
						0.73	19	26.94	21.50	8.15	96.6	6.83	16.7	20.6										
					B	0.73	19	26.95	21.44	8.15	94.3	6.67	17.7	21.7										
						0.52	84	28.25	28.24	14.45	8.42	8.42	110.2	6.9										
						0.52	84	28.22	14.00	8.42	125.7	9.07	6.5	6.8										
IM18	Cloudy	Calm	17:05	17.0	S	0.52	84	28.25	28.24	14.45	14.23	8.42	8.42	110.2	118.0	7.93	8.50	6.04	6.9	6.7	35.4	7.2	7.0	47.8
						0.52	84	28.22	14.00	8.42	125.7	9.07	6.5	6.8										
						1.31	15	25.27	29.48	7.96	51.4	3.58	11.9	15.4										
					M	0.65	1	25.24	29.60	7.96	51.2	3.56	11.3	14.5										
						0.53	347	24.97	30.76	7.96	50.4	3.50	85.5	118.0										
						0.53	347	24.98	30.73	7.96	49.4	3.43	90.2	125.0										
IM19	Cloudy	Calm	16:50	17.0	S	0.15	29	28.42	28.41	13.23	13.13	8.42	8.42	125.6	129.1	9.07	9.33	6.84	6.4	6.5	34.6	9.2	8.2	36.2
						0.15	29	28.39	13.03	8.41	132.5	9.58	6.5	7.2										
						1.15	39	25.89	26.80	7.99	62.4	4.36	8.0	8.3										
					M	0.55	7	25.86	26.97	7.99	62.0	4.33	7.7	9.0										
						1.00	358	24.90	31.07	7.96	51.5	3.57	86.5	88.6										
						1.00	358	24.90	31.06	7.96	51.3	3.56	92.3	94.8										

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: 2021/06/09

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Cloudy	Calm	11:56	6.2	S	0.87	179	27.86	27.86	17.57	17.59	8.10	8.10	97.9	103.7	6.97	7.38	6.46	8.7	8.0	12.4	8.0	8.2	11.3
						0.87	179	27.86		17.60		8.10		7.79		7.2								
						1.06	160	27.03		20.90		7.89		78.0		5.53			15.6					
					M	1.06	160	27.08	20.47	7.89	78.0	5.48	15.9	13.7	13.6									
						0.90	170	25.98	25.94	7.88	78.7	5.53	13.5	13.6	12.7									
						0.67	161	26.87	21.60	7.90	78.0	5.38	13.5	13.6	12.7									
IM17	Cloudy	Calm	12:19	5.0	S	0.85	131	27.57	27.55	19.54	19.46	8.21	8.18	112.9	112.7	7.98	7.98	7.98	9.7	9.4	10.0	7.2	7.3	11.3
						0.85	131	27.52		19.38		8.15		112.5		7.97			9.0					
					B	0.31	189	26.71	23.67	7.99	86.8	85.7	6.09	10.8	15.5									
						0.58	147	26.81	23.01	7.99	84.6	5.94	10.3	10.6	15.5									
IM18	Cloudy	Calm	12:29	17.0	S	0.59	193	27.75	27.78	18.57	18.31	8.22	8.23	117.2	118.5	8.31	8.41	7.51	5.7	5.7	5.8	5.4	5.3	5.7
						0.59	193	27.80		18.05		8.23		119.7		8.50			5.6					
					M	0.60	127	26.88	24.76	8.07	94.1	95.1	6.54	4.2	2.9									
						0.68	135	26.79	24.56	8.09	96.1	6.70	3.6	2.6										
					B	0.33	213	26.17	26.93	8.01	85.6	84.7	5.95	7.7	10.6									
						0.55	188	26.17	26.91	8.01	83.7	5.82	8.1	7.9	7.7									
IM19	Cloudy	Calm	11:32	18.0	S	0.63	148	27.96	28.04	17.73	17.51	8.21	8.23	128.4	137.9	9.11	9.78	7.84	4.8	4.6	13.0	4.0	4.4	13.4
						0.63	148	28.12		17.28		8.25		147.3		10.45			4.3					
					M	0.80	155	26.81	24.36	7.81	82.3	84.4	5.74	11.0	10.7									
						0.71	167	26.91	23.60	7.85	86.5	6.05	9.1	10.6										
					B	0.45	176	25.75	28.35	7.78	73.8	72.4	5.12	22.5	24.4									
						0.55	144	25.73	28.37	7.78	71.0	4.93	26.0	24.3	25.6									

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/06/09

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E5	Cloudy	Calm	19:08	6.0	S	0.66	6	27.63	27.64	17.49	17.36	8.04	8.04	99.0	98.6	7.07	7.05	7.26	6.7	6.3	22.5	6.2	6.5	27.6		
						0.66	6	27.64	27.64	17.23	17.36	8.04	8.04	98.1	98.6	7.02	7.05	7.26	5.8	6.3						
					M	0.56	359	26.99	26.98	23.91	23.93	8.15	8.15	107.9	107.3	7.52	7.48	7.48	26.4	28.5		7.37			26.4	28.5
						0.40	38	26.97	26.98	23.94	23.93	8.14	8.15	106.6	107.3	7.43	7.48	7.48	30.5	28.5						
					B	0.60	49	26.92	26.93	24.41	24.39	8.14	8.15	105.3	105.9	7.33	7.37	7.37	34.1	32.9		6.88			34.1	32.9
						0.60	49	26.93	26.93	24.37	24.39	8.15	8.15	106.4	105.9	7.40	7.37	7.37	31.7	32.9						
F6	Cloudy	Calm	19:36	13.0	S	0.43	1	27.73	27.74	17.28	17.30	8.12	8.12	101.7	102.2	7.26	7.30	6.88	3.6	3.6	9.4	5.6	5.4	8.1		
						0.43	1	27.74	27.74	17.32	17.30	8.12	8.12	102.6	102.2	7.33	7.30	6.88	3.5	3.6						
					M	0.99	307	26.68	26.67	24.51	24.61	8.08	8.08	92.6	92.7	6.47	6.47	6.47	4.6	4.3		6.10			4.6	4.3
						0.70	285	26.66	26.67	24.70	24.61	8.08	8.08	92.7	92.7	6.47	6.47	6.47	4.0	4.3						
					B	0.81	324	26.19	26.20	27.08	27.05	8.06	8.06	87.9	87.9	6.10	6.10	6.10	21.6	20.3		6.10			21.6	20.3
						0.77	308	26.21	26.20	27.01	27.05	8.06	8.06	87.8	87.9	6.09	6.10	6.10	18.9	20.3						
IM17	Cloudy	Calm	18:31	4.5	S	0.45	272	27.53	27.56	14.56	14.24	7.86	7.86	78.8	79.7	5.73	5.80	5.80	8.6	8.4	10.9	7.8	7.6	8.9		
						0.45	272	27.59	27.56	13.91	14.24	7.85	7.86	80.5	79.7	5.87	5.80	5.80	8.1	8.4						
					B	0.22	264	27.20	27.24	18.10	17.84	7.84	7.84	74.2	73.5	5.32	5.28	5.28	13.7	13.5		5.28			13.7	13.5
						0.22	264	27.27	27.24	17.58	17.84	7.84	7.84	72.8	73.5	5.23	5.28	5.28	13.2	13.5						
					S	0.48	340	27.58	27.60	14.49	14.24	7.82	7.82	75.5	76.5	5.49	5.57	5.57	9.5	9.0		5.07			9.5	9.0
						0.48	340	27.62	27.60	13.98	14.24	7.82	7.82	77.5	76.5	5.65	5.57	5.57	8.5	9.0						
M	0.48	1	26.39	26.39	24.15	24.19	7.86	7.86	65.0	65.0	4.57	4.57	4.57	13.7	13.4	4.16	13.7	13.4								
	0.60	338	26.38	26.39	24.22	24.19	7.86	7.86	65.0	65.0	4.57	4.57	4.57	13.0	13.4											
B	0.52	323	25.68	25.69	28.25	28.24	7.87	7.88	59.6	59.7	4.15	4.16	4.16	56.1	58.0	4.16	56.1	58.0								
	0.85	354	25.69	25.69	28.23	28.24	7.88	7.88	59.8	59.7	4.16	4.16	4.16	59.8	58.0											
IM18	Cloudy	Calm	18:19	16.0	S	0.48	340	27.58	27.60	14.49	14.24	7.82	7.82	75.5	76.5	5.49	5.57	5.57	9.5	9.0	26.8	8.2	7.8	26.6		
						0.48	340	27.62	27.60	13.98	14.24	7.82	7.82	77.5	76.5	5.65	5.57	5.57	8.5	9.0						
					M	0.48	1	26.39	26.39	24.15	24.19	7.86	7.86	65.0	65.0	4.57	4.57	4.57	13.7	13.4		4.16			13.7	13.4
						0.60	338	26.38	26.39	24.22	24.19	7.86	7.86	65.0	65.0	4.57	4.57	4.57	13.0	13.4						
					B	0.52	323	25.68	25.69	28.25	28.24	7.87	7.88	59.6	59.7	4.15	4.16	4.16	56.1	58.0		4.16			56.1	58.0
						0.85	354	25.69	25.69	28.23	28.24	7.88	7.88	59.8	59.7	4.16	4.16	4.16	59.8	58.0						
IM19	Cloudy	Calm	18:06	16.6	S	0.66	65	27.50	27.53	15.56	15.32	7.81	7.80	76.8	76.0	5.56	5.51	5.49	9.1	8.9	50.7	7.8	7.9	57.0		
						0.66	65	27.55	27.53	15.07	15.32	7.79	7.80	75.1	76.0	5.45	5.51	5.49	8.6	8.9						
					M	0.30	16	26.73	26.91	24.49	23.88	7.93	7.95	76.1	78.5	5.31	5.48	5.48	10.0	9.4		4.21			10.0	9.4
						0.56	349	27.09	26.91	23.27	23.88	7.96	7.95	80.9	78.5	5.65	5.48	5.48	8.8	9.4						
					B	1.31	6	25.65	25.66	29.02	29.01	7.86	7.86	60.7	60.7	4.21	4.21	4.21	144.4	134.0		4.21			144.4	134.0
						1.31	6	25.66	25.66	28.99	29.01	7.86	7.86	60.7	60.7	4.21	4.21	4.21	123.5	134.0						

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/06/11

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E6	Cloudy	Calm	12:44	6.3	S	0.37	137	27.49	27.47	23.23	23.25	7.96	7.96	83.3	83.9	5.78	5.82	5.53	5.3	5.3	7.1	4.8	4.4	7.4	
						0.65	103	27.45		23.27		7.96		84.4		5.86			5.2			5.3			3.9
						0.51	162	26.91		24.19		7.94		75.1		5.23			7.9			7.8			7.3
					M	0.70	127	26.91	24.22	7.94	75.3	5.25	5.24	7.6	7.4	7.4									
						B	0.40	141	26.56	25.57	7.95	77.4	5.38	8.2	8.4	10.9									
							0.40	141	26.61	25.14	7.95	74.2	5.17	5.28	5.28	8.6	10.6								
IM17	Cloudy	Calm	13:06	5.0	S	0.38	144	27.74	27.72	19.65	19.66	7.90	7.90	83.3	83.2	5.87	5.87	5.87	5.8	5.7	7.2	3.5	4.1	6.9	
						0.38	144	27.70		19.66		7.90		83.1		5.86			5.5			4.6			
					B	0.93	108	26.83	26.83	24.31	7.96	80.1	5.59	5.51	5.51	8.3	8.8	10.0							
						0.85	162	26.83	24.27	7.96	77.9	5.43	5.51	5.51	9.3	9.7									
IM18	Cloudy	Calm	13:17	17.1	S	0.31	87	27.89	27.89	21.95	21.96	7.99	7.99	90.5	91.3	6.28	6.34	5.78	3.3	3.3	11.7	3.7	3.7	13.4	
						0.31	87	27.89		21.96		7.99		92.1		6.39			3.2			3.6			
						0.85	192	26.82		24.52		7.97		74.7		5.20			11.7			11.8			11.4
					M	0.78	172	26.82	24.51	7.96	75.2	5.24	5.22	11.4	11.6	12.2									
						B	0.70	191	26.06	27.95	7.96	70.5	4.88	17.9	20.2	24.8									
							0.70	191	26.06	27.92	7.96	67.9	4.70	4.79	4.79	22.5	24.6								
IM19	Cloudy	Calm	12:17	18.0	S	0.39	149	27.51	27.51	23.44	23.44	7.94	7.94	84.8	85.1	5.87	5.89	5.65	3.3	3.3	4.8	4.2	4.0	5.3	
						0.39	149	27.50		23.43		7.94		85.3		5.91			3.2			3.7			
						0.79	163	26.83		25.01		7.94		77.9		5.41			5.1			5.1			4.4
					M	0.72	168	26.82	25.03	7.94	77.9	5.41	5.41	5.1	5.1	4.1									
						B	0.42	174	26.19	27.60	7.94	75.3	5.21	5.18	5.18	6.2	6.1	7.5							
							0.67	148	26.24	27.36	7.94	74.4	5.15	5.18	5.18	5.9	7.6								

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/06/11

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)							
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*					
E5	Rainy	Calm	06:34	6.7	S	0.68	352	27.10	27.11	21.91	21.92	8.00	8.00	82.1	81.9	5.78	5.78	4.0	3.8	5.78	3.2	3.6	10.0						
						0.68	352	27.12	27.11	21.92	21.92	8.00	8.00	81.7	81.9	5.75		5.77	3.6		3.8			4.0					
					M	0.47	337	26.88	26.88	23.15	23.22	8.03	8.03	82.4	82.6	5.78	5.79	6.9	6.8	5.78	6.9	6.8		5.78	8.7	8.2			
						0.47	337	26.88	26.88	23.29	23.29	8.03	8.03	82.7	82.6	5.80	5.79	6.7	6.8		6.7	6.8			6.7		6.8		
					B	0.41	1	26.58	26.56	26.09	26.14	8.03	8.03	75.9	75.4	5.26	5.23	5.23	5.23	15.1	16.0	5.23		15.1	16.0	5.23	18.9	18.2	
						0.46	353	26.54	26.56	26.19	26.14	8.03	8.03	74.9	75.4	5.19	5.23	5.23	5.23	16.8	16.0			16.8	16.0		16.8		16.0
F6	Rainy	Calm	05:09	13.9	S	0.54	168	27.24	27.25	23.23	23.21	7.86	7.86	82.5	82.5	5.75	5.62	6.1	6.0	5.62	6.4	6.3	8.3						
						0.54	168	27.25	27.25	23.19	23.21	7.86	7.86	82.4	82.5	5.74		5.75	5.75		5.75			5.75	5.75	5.75	5.75	5.75	
					M	0.41	309	26.88	26.89	24.69	24.68	7.86	7.86	78.7	79.0	5.47	5.49	5.47	5.49	10.1	10.2	5.47		10.1	10.2	5.47	11.0	10.9	
						0.33	90	26.89	26.89	24.67	24.68	7.86	7.86	79.2	79.0	5.51	5.49	5.51	5.49	10.3	10.2			10.3	10.2		10.3		10.2
					B	0.42	2	26.03	26.03	27.89	27.89	7.84	7.84	72.9	72.3	5.05	5.01	5.01	5.01	6.9	6.8	5.01		6.9	6.8	5.01	7.5	7.7	
						0.30	289	26.03	26.03	27.89	27.89	7.84	7.84	71.6	72.3	4.96	5.01	5.01	5.01	6.6	6.8			6.6	6.8		6.6		6.8
IM17	Rainy	Calm	06:03	5.0	S	0.76	2	27.04	27.04	22.29	22.32	7.96	7.96	75.2	75.3	5.28	7.8	6.9	7.1	7.8	7.7	7.3	8.3						
						0.76	2	27.04	27.04	22.34	22.32	7.96	7.96	75.3	75.3	5.29		5.29	5.29		5.29			7.3	7.1	7.3	7.1		
					B	0.56	319	27.05	27.05	23.92	23.92	8.03	8.03	83.0	82.8	5.78	5.77	5.77	5.77	8.4	8.5	5.77		8.4	8.5	5.77	9.7	9.3	
						0.45	13	27.05	27.05	23.92	23.92	8.03	8.03	82.6	82.8	5.75	5.77	5.77	5.77	8.5	8.5			8.5	8.5		8.5		8.5
					IM18	Rainy	Calm	05:52	17.1	S	0.41	112	27.03	27.04	21.63	21.67	7.92	7.92	72.1	72.0	5.09	4.92		6.5	6.5	4.92	6.6	6.8	9.6
											0.41	112	27.04	27.04	21.70	21.67	7.92	7.92	71.8	72.0	5.06			5.08	5.06		5.08		
M	0.33	33	26.05	26.05						27.81	27.81	7.99	7.99	68.5	68.8	4.75	4.77	4.75	4.77	6.7	6.5	4.75	6.7	6.5	4.75	6.5	6.9		
	0.50	31	26.05	26.05						27.81	27.81	7.99	7.99	69.1	68.8	4.79	4.77	4.79	4.77	6.2	6.5		6.2	6.5		6.2		6.5	
B	0.50	335	25.93	25.93						28.26	28.27	7.97	7.97	65.9	65.5	4.56	4.54	4.54	4.54	13.1	13.2	4.54	13.1	13.2	4.54	14.7	15.2		
	0.55	356	25.93	25.93						28.27	28.27	7.97	7.97	65.1	65.5	4.51	4.54	4.54	4.54	13.3	13.2		13.3	13.2		13.3		13.2	
IM19	Rainy	Calm	05:38	17.0	S	0.34	142	27.22	27.19	20.92	21.19	7.93	7.94	77.4	77.3	5.46	5.26	4.9	4.9	5.26	3.8	4.2	15.1						
						0.34	142	27.15	27.19	21.46	21.19	7.94	7.94	77.1	77.3	5.43		5.45	5.43		5.45			4.8	4.9	4.8	4.9		
					M	0.63	2	26.49	26.46	26.28	26.43	7.98	7.98	73.1	73.2	5.07	5.07	5.07	5.07	6.0	5.8	5.07		6.0	5.8	5.07	6.3	6.3	
						0.46	58	26.43	26.46	26.57	26.43	7.98	7.98	73.2	73.2	5.07	5.07	5.07	5.07	5.5	5.8			5.5	5.8		5.5		5.8
					B	0.49	354	25.97	25.97	28.28	28.28	7.95	7.95	66.8	66.1	4.62	4.58	4.58	4.58	27.7	28.0	4.58		27.7	28.0	4.58	39.5	34.9	
						0.66	353	25.97	25.97	28.28	28.28	7.95	7.95	65.4	66.1	4.53	4.58	4.58	4.58	28.3	28.0			28.3	28.0		28.3		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

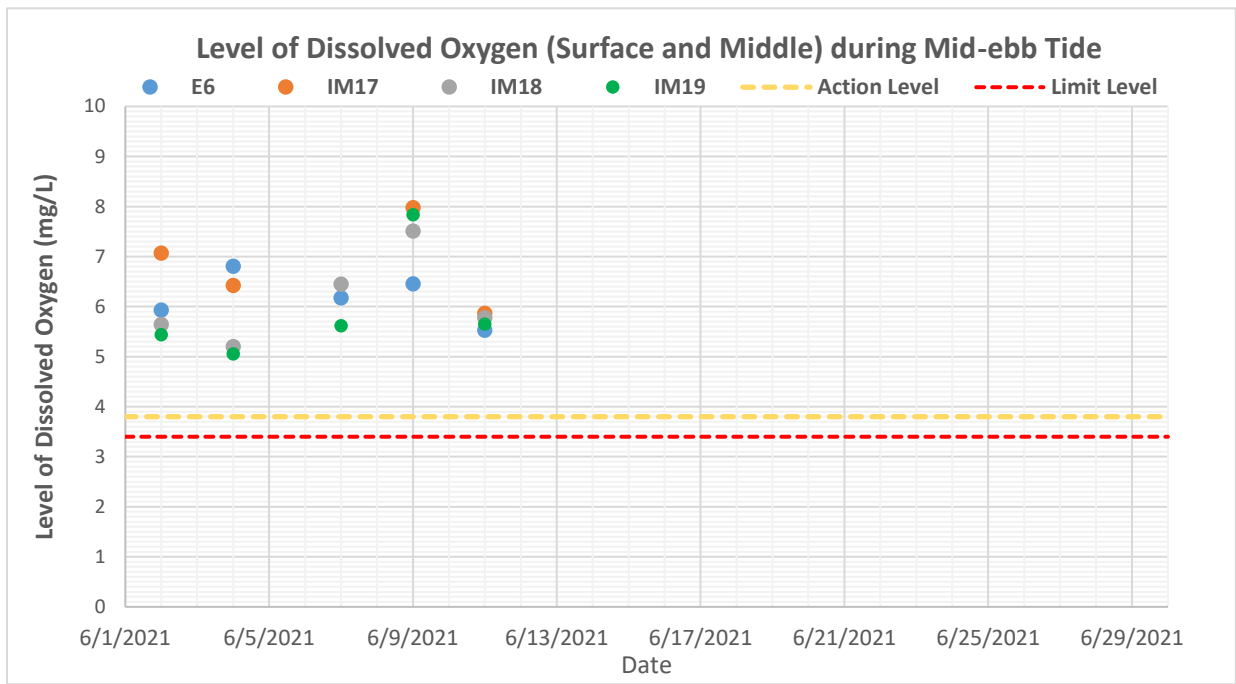


Figure G1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in June 2021.

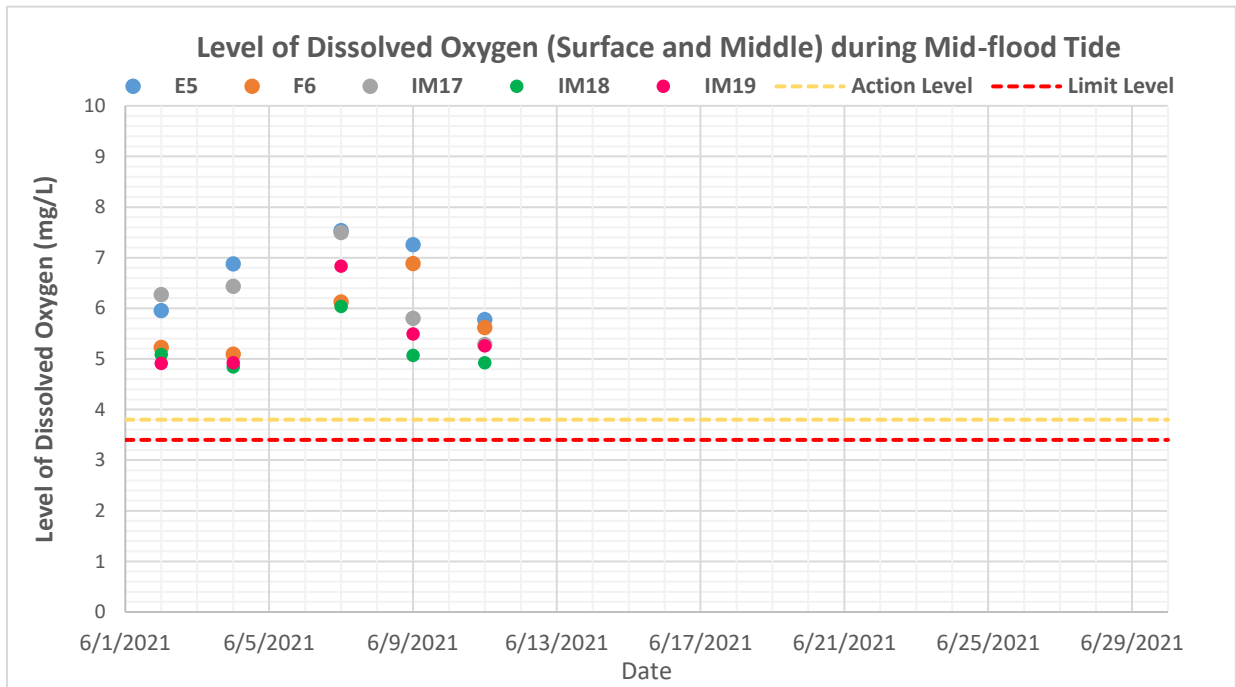


Figure G1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in June 2021.

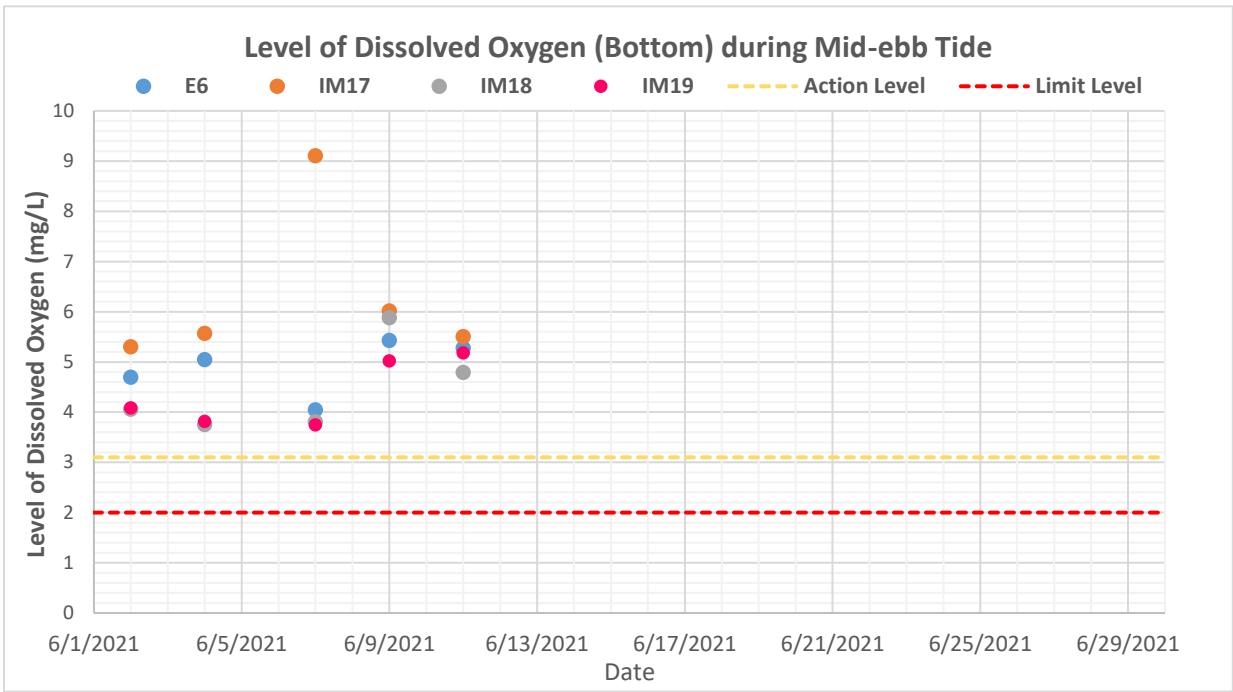


Figure G2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in June 2021.

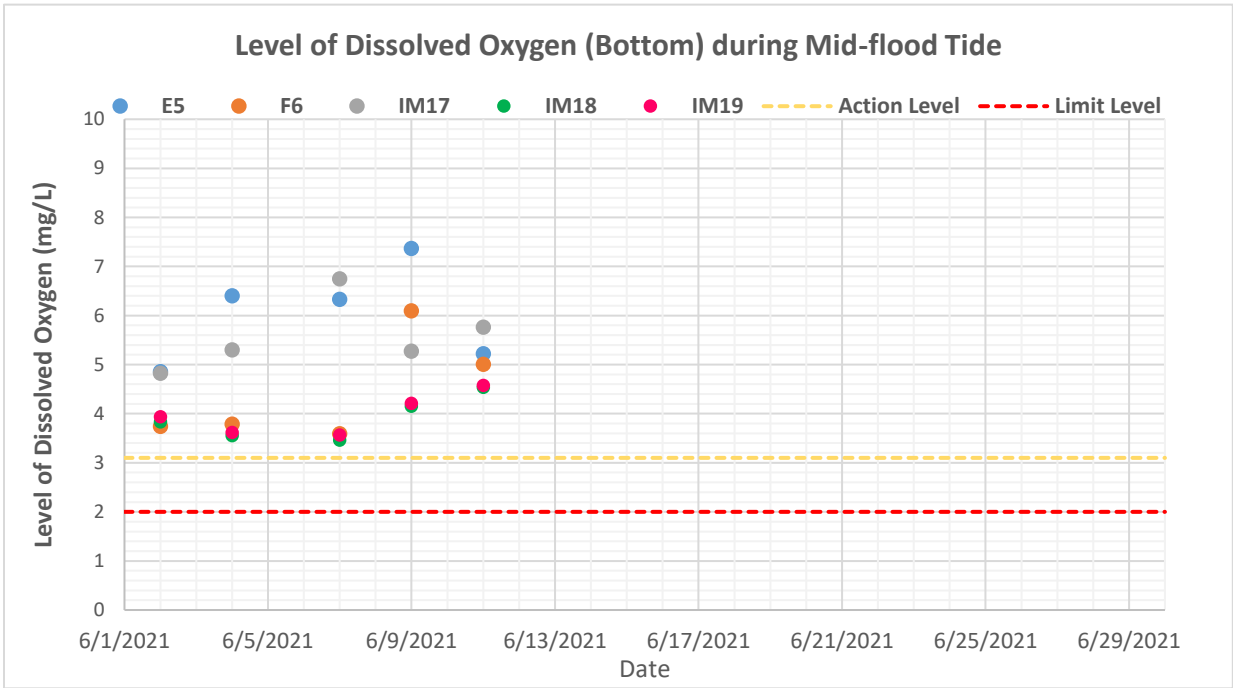


Figure G2b: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in June 2021.

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

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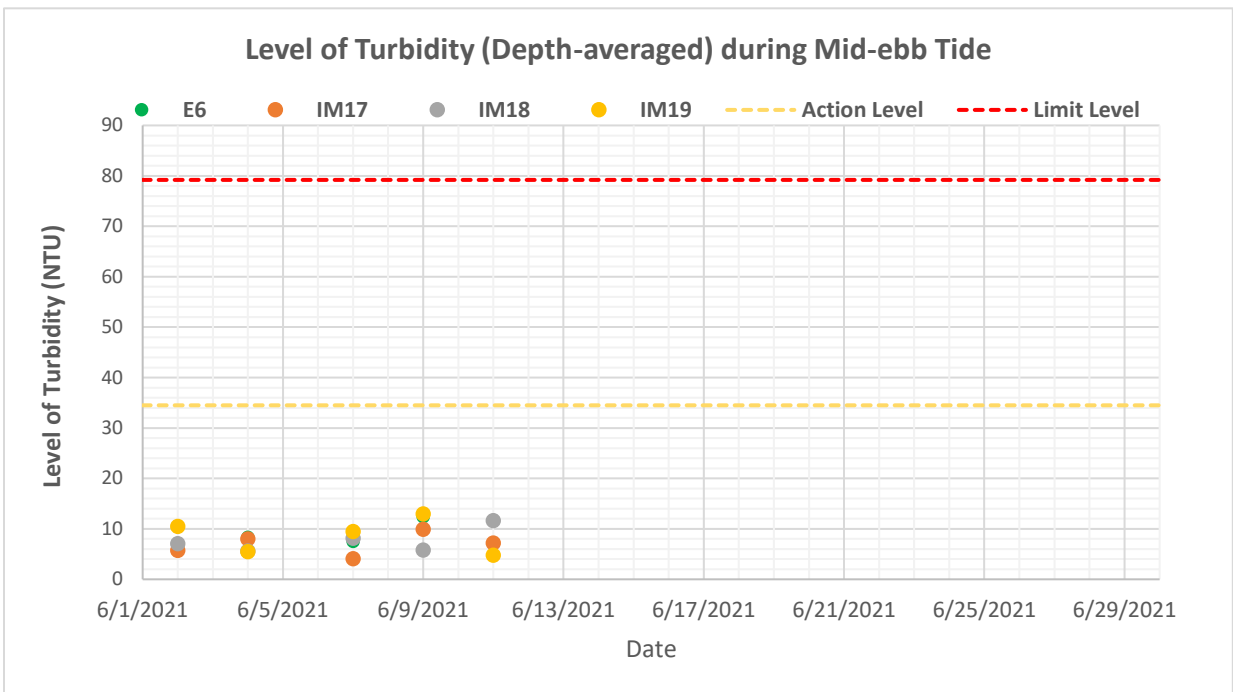


Figure G3a: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in June 2021.

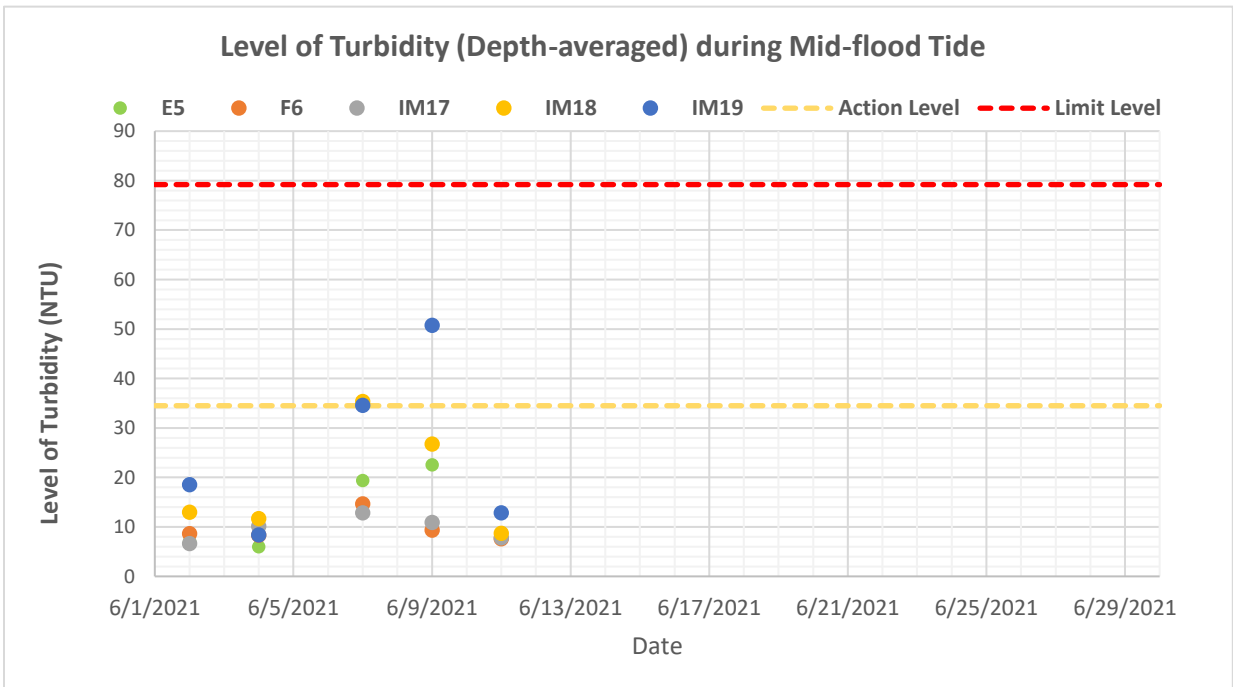


Figure G3b: Levels of Depth-averaged Turbidity (NTU) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in June 2021.

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

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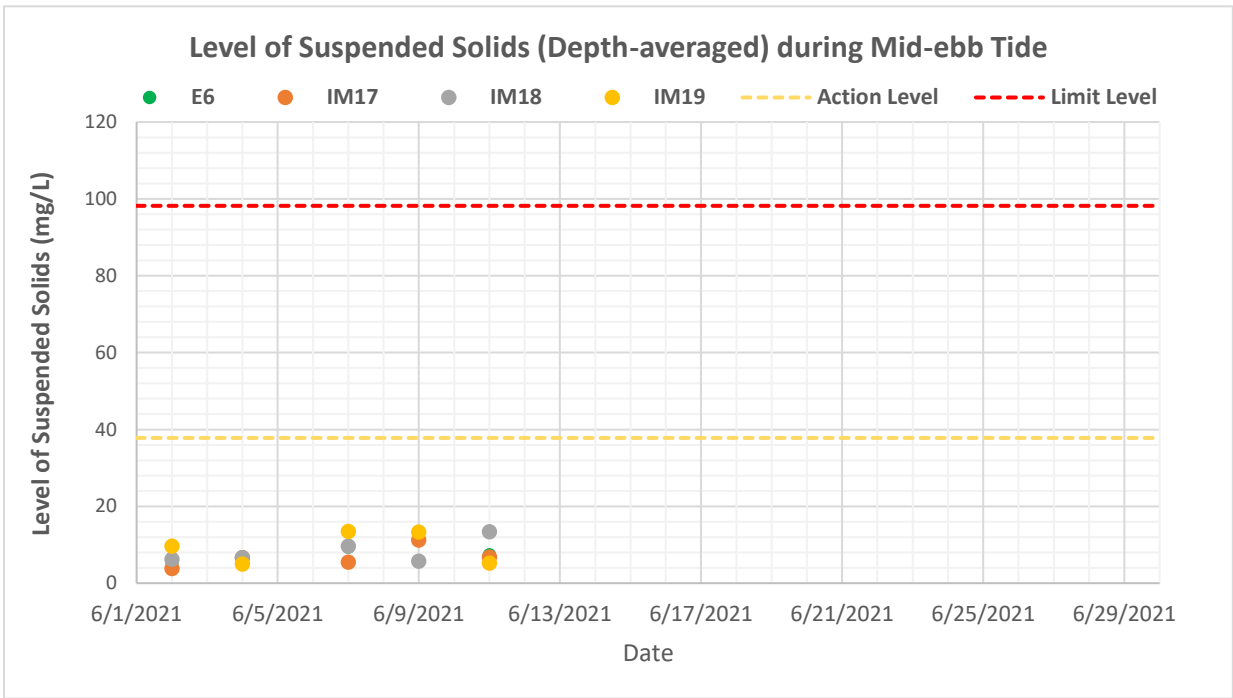


Figure G4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides in June 2021.

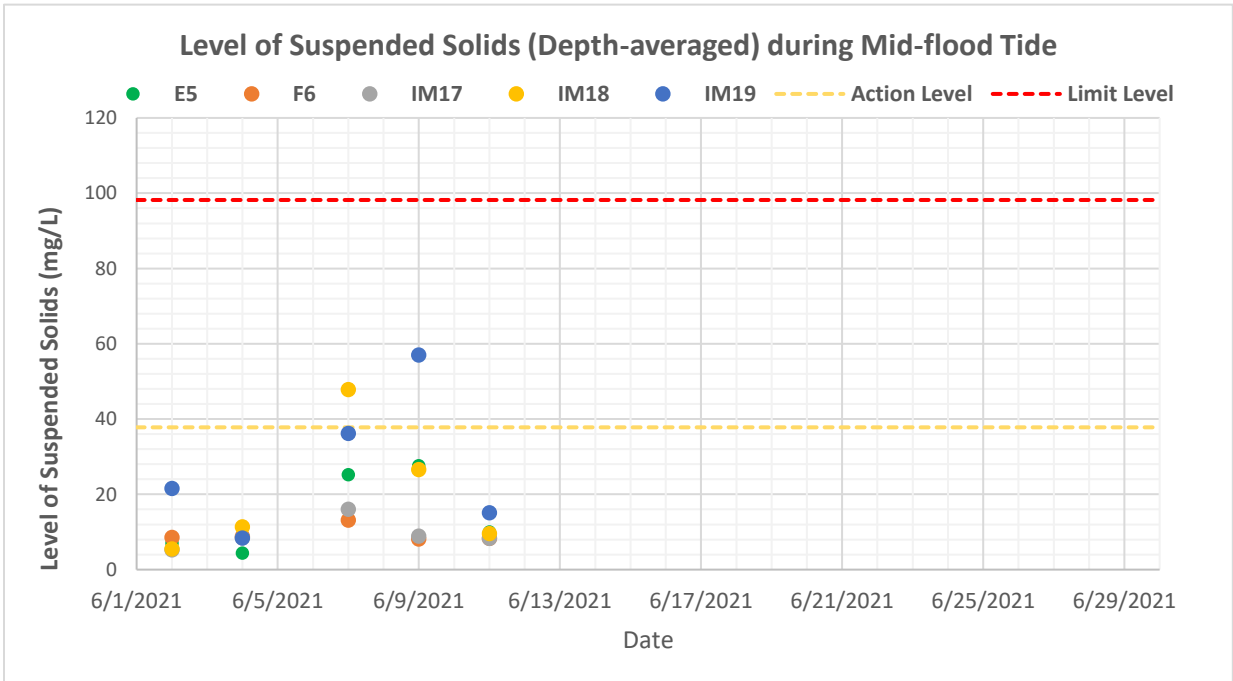


Figure G4b: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides in June 2021.

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

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