

ANNEX G

CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS

Water Quality Monitoring Data Log Sheet

Date: 2022/01/03

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*	
E3	Cloudy	Rough	12:42	16.7	S	0.34	164	19.60	19.60	33.47	33.47	8.28	8.28	96.3	96.3	7.24	7.24	7.21	6.3	6.4	10.3	11.4	10.9	12.1	
						0.34	171	19.60		33.47		8.28		96.2		7.24			6.5			10.3			
						0.13	195	19.50		33.61		8.28		95.4		7.18			10.5			11.8			
					M	0.14	203	19.50	19.50	33.61	33.61	8.28	8.28	95.4	95.4	7.18	7.18		10.4	10.5		10.6	11.2		
						0.19	222	19.40		33.64		8.27		95.6		7.21			14.1	14.2		13.8	14.2		
						0.20	240	19.40		33.64		8.27		95.8		7.22			14.3	14.6					
IM6	Cloudy	Rough	14:03	15.8	S	0.09	183	19.30	19.30	33.60	33.60	8.27	8.27	96.6	96.6	7.30	7.30	7.27	3.1	3.1	7.0	6.0	5.9	5.2	
						0.10	195	19.30		33.60		8.27		96.5		7.30			3.1			5.7			
						0.05	133	19.10		19.10		33.57		33.57		8.27			8.27			95.5			95.5
					M	0.05	136	19.10	33.57		8.27	95.5	7.24		7.1	5.6	5.6								
						0.09	129	19.20	33.57		8.26	96.3	7.30		11.2	4.3	3.9			4.3					
						B	0.10	130	19.20	33.56	8.26	96.6	7.32	11.1	4.6	4.6									
IM7	Cloudy	Rough	13:34	14.6	S		0.14	162	19.50	19.50	33.66	33.66	8.29	8.29	97.3	97.3	7.33	7.33	7.31	4.3	4.3	5.8	9.6	9.9	8.7
							0.15	167	19.50		33.66		8.29		97.3		7.32			4.3			10.1		
						0.09	179	19.40	33.65		8.29		96.8		7.30		5.0			8.3					
					M	0.09	189	19.40	19.40	33.65	33.65	8.29	8.29	96.8	96.8	7.30	7.30	5.0		5.0	8.2		8.3		
						0.07	176	19.40		33.62		8.26		97.1		7.32		7.9		8.0					
						0.08	191	19.50		33.59		8.26		97.2		7.32		8.0		7.8					
IM8	Cloudy	Rough	13:45	12.3	S	0.19	192	19.40	19.40	33.63	33.63	8.28	8.28	97.1	97.1	7.32	7.32	7.29	3.4	3.4	5.0	10.0	9.7	9.0	
						0.21	202	19.40		33.63		8.28		97.1		7.32			3.5			9.4			
						0.14	183	19.40		33.63		8.28		96.2		7.26			4.7			9.2			
					M	0.15	185	19.40	19.40	33.63	33.63	8.28	8.28	96.2	96.2	7.26	7.26		4.7	4.7		8.6	8.9		
						0.10	198	19.30		33.62		8.28		96.3		7.27			6.5	8.8					
						0.10	202	19.30		33.62		8.28		96.4		7.27			7.1	8.0					
IM9	Cloudy	Rough	13:10	15.1	S	0.10	348	19.60	19.60	33.62	33.64	8.29	8.29	96.8	96.8	7.27	7.27	7.26	9.0	9.0	10.3	14.5	14.1	13.8	
						0.11	0	19.60		33.66		8.29		96.7		7.27			8.9			13.7			
						0.23	353	19.50		33.67		8.29		96.2		7.24			9.8			14.3			
					M	0.25	23	19.50	33.67	8.29	96.2	7.24	9.8	13.8											
						0.25	354	19.50	19.50	33.67	33.67	8.29	8.29	96.0	96.1	7.23	7.23		12.1	12.2		13.2	13.4		
						0.26	5	19.50		33.67		8.29		96.1		7.23			12.2	13.5					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/03

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F3	Cloudy	Rough	8:16	16.4	S	0.30	266	19.40	19.40	33.82	33.82	8.15	8.15	96.1	96.1	7.24	7.24	7.24	6.5	6.5	9.6	22.1	22.8	19.1
						0.31	267	19.40		33.82		8.14		96.1		7.24			6.6			23.5		
						0.30	275	19.40		33.83		8.12		96.0		7.23			9.6			20.3		
					M	0.32	284	19.40	33.83	8.11	96.0	7.23	9.9	19.2										
						0.20	291	19.40	33.82	8.08	96.7	7.28	12.4	14.2										
						0.22	315	19.40	33.82	8.08	96.9	7.30	12.5	15.5										
IM6	Cloudy	Rough	8:27	15.8	S	0.20	283	19.40	19.40	33.80	33.80	8.18	8.18	95.9	95.9	7.23	7.23	7.22	7.5	7.5	8.2	20.7	21.3	18.9
						0.22	288	19.40		33.80		8.18		95.9		7.22			7.5			21.8		
						0.20	355	19.40		33.81		8.17		95.7		7.21			8.5			19.8		
					M	0.21	2	19.40	33.81	8.17	95.7	7.21	8.8	20.7										
						0.20	290	19.40	33.81	8.16	95.8	7.22	8.7	14.7										
						0.20	309	19.40	33.81	8.16	95.8	7.22	8.5	15.8										
IM7	Cloudy	Rough	8:56	14.0	S	0.20	313	19.50	19.50	33.80	33.80	8.25	8.25	96.4	96.4	7.25	7.25	7.25	12.7	12.7	14.8	22.7	22.0	19.3
						0.21	315	19.50		33.80		8.25		96.4		7.25			12.7			21.3		
						0.26	304	19.40		33.80		8.25		96.4		7.25			12.6			20.0		
					M	0.28	327	19.40	33.80	8.25	96.4	7.25	14.5	20.6										
						0.14	357	19.40	33.79	8.25	97.4	7.33	17.7	16.1										
						0.15	24	19.40	33.79	8.25	97.5	7.34	18.8	15.4										
IM8	Cloudy	Rough	8:48	12.5	S	0.47	199	19.40	19.40	33.79	33.79	8.20	8.20	95.8	95.8	7.22	7.22	7.21	7.5	7.5	9.6	20.8	21.2	20.3
						0.50	203	19.40		33.79		8.20		95.8		7.22			7.6			21.6		
						0.41	167	19.40		33.80		8.19		95.6		7.20			10.4			20.0		
					M	0.43	174	19.40	33.80	8.19	95.6	7.20	10.8	21.1										
						0.31	177	19.40	33.80	8.19	95.6	7.20	10.6	18.4										
						0.32	194	19.40	33.80	8.19	95.6	7.20	10.6	19.6										
IM9	Cloudy	Rough	9:16	14.5	S	0.67	297	19.40	19.40	33.69	33.69	8.27	8.27	95.6	95.6	7.20	7.20	7.19	13.1	13.1	28.5	19.5	22.5	25.3
						0.71	298	19.40		33.69		8.27		95.6		7.20			13.1			25.4		
						0.64	302	19.40		33.69		8.27		95.4		7.18			25.9			26.1		
					M	0.66	309	19.40	33.69	8.27	95.4	7.18	27.1	26.4										
						0.46	305	19.40	33.69	8.28	96.0	7.23	47.0	27.8										
						0.50	332	19.40	33.69	8.28	96.1	7.24	44.9	26.6										

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/03

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	Fine	Calm	11:47	6.5	S	0.47	339	19.61	19.62	32.55	32.54	8.14	8.15	89.3	89.2	6.75	6.74	6.72	19.4	19.2	26.9	7.2	7.7	31.2	
						0.55	339	19.62		32.53		8.15		89.0		6.73			18.9			8.2			
					M	0.45	350	19.59	19.60	32.64	32.63	8.11	8.12	88.6	88.7	6.70	6.71		29.4	28.2		20.3	40.0		
						0.53	337	19.60		32.61		8.12		88.8		6.71			27.0			39.8			
					B	0.44	342	19.59	19.59	32.62	32.63	8.12	8.12	89.0	88.8	6.73	6.72		33.1	33.2		33.3	47.2		46.1
						0.38	327	19.59		32.64		8.12		88.6		6.70			33.3			45.0			
IM15	Fine	Calm	13:11	7.1	S	0.10	59	19.95	19.99	32.20	32.19	8.22	8.23	93.8	94.3	7.06	7.09	7.07	15.5	14.8	21.1	16.6	16.0	24.0	
						0.10	59	20.02		32.17		8.23		94.7		7.12			14.1			15.3			
					M	0.04	141	19.56	19.55	31.80	31.69	8.21	8.21	93.6	92.8	7.11	7.06		20.3	20.5		20.6	23.6		
						0.07	341	19.54		31.57		8.20		92.0		7.00			20.6			22.0			
					B	0.05	196	19.52	19.52	27.39	27.45	8.19	8.19	91.9	91.7	7.17	7.15		27.1	28.1		29.0	32.0		
						0.05	60	19.52		27.51		8.19		91.4		7.13			29.0			34.3			
IM16A	Fine	Calm	12:37	7.6	S	0.37	76	19.49	19.49	32.42	32.41	8.19	8.19	91.5	91.5	6.94	6.94	7.05	47.8	47.2	54.0	13.2	13.6	48.8	
						0.33	79	19.49		32.39		8.19		91.5		6.94			46.5			14.0			
					M	0.22	42	19.39	19.39	27.06	27.09	8.18	8.18	91.4	91.3	7.17	7.16		57.6	57.2		56.7	64.8		
						0.29	40	19.39		27.11		8.17		91.2		7.15			56.7			62.5			
					B	0.28	35	19.39	19.39	26.89	26.66	8.18	8.19	91.6	91.5	7.19	7.19		55.0	57.7		60.3	68.2		
						0.26	48	19.38		26.42		8.19		91.3		7.19			60.3			69.8			
IM17	Fine	Calm	12:14	5.2	S	0.27	30	19.66	19.68	32.79	32.79	8.19	8.19	93.0	93.0	7.01	7.01	7.01	16.7	16.0	20.6	8.9	9.4	20.1	
						0.28	12	19.69		32.78		8.20		93.0		7.01			15.2			9.8			
					B	0.30	30	19.53	19.54	32.19	32.17	8.20	8.20	93.5	93.3	7.09	7.08		26.1	25.2		24.3	31.4		
						0.24	16	19.54		32.15		8.19		93.1		7.06			24.3			30.9			

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/03

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)									
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*						
F5	Fine	Calm	16:37	5.3	S	0.25	326	20.04	20.02	32.24	32.24	8.14	8.15	94.0	94.2	7.06	7.08	7.08	9.9	9.7	12.7	8.4	8.0	12.0						
						0.25	326	20.00		32.23		8.15		94.3		7.09		9.4				7.5								
						0.27	262	19.55	32.52	8.07	90.9	6.88	15.4	15.3																
					B	0.24	289	19.54	19.55	32.53	32.53	8.09	8.08	90.4	90.7	6.84	6.86	6.86	15.7	16.0	16.6	11.6	9.6		9.2					
						0.19	90	19.68		31.90		8.16		93.5		7.09		10.1		10.2			8.7							
						0.17	357	19.86	19.83	32.41	32.47	8.14	8.14	93.3	93.1	7.02	7.01	7.06	10.8	11.0	11.2		11.6							
0.40	340	19.80	32.53	8.14	92.9	7.00	10.6	10.8																						
B	0.03	187	19.63	19.63	32.63	32.64	8.13	8.13	92.7	92.1	7.00	6.96	6.96	13.9	12.8	14.0	14.5	11.1	14.0											
	0.28	308	19.62		32.64		8.13		91.5		6.91		15.0		13.4															
	0.21	37	19.53	19.53	31.27	31.26	8.12	8.13	94.2	94.4	7.18	7.20	7.11	8.5	8.5	7.3	7.8		7.3											
0.50	54	19.53	31.25	8.13	94.5		7.21		8.4		8.3																			
IM16A	Fine	Calm	17:25	7.4	M	0.23	324	19.57	19.56	31.87	31.96	8.12	8.12	92.4	92.5	7.02	7.03		7.11	10.0	11.1	10.1	9.7	11.1						
						0.20	284	19.55		32.04		8.12		92.6		7.03			9.9			10.1								
						0.02	185	19.41	19.41	32.47	32.46	8.12	8.12	91.4	91.2	6.94	6.92	6.92	14.7	14.9		15.8	16.0							
					0.14	66	19.41	32.45	8.12	90.9		6.90		14.5		15.5														
					IM17	Fine	Calm	17:46	5.1	S	0.12	6	19.67	19.67	32.01	31.94	8.12	8.13	92.2	92.4		6.98	7.00		7.00	9.6	13.7	8.1	8.8	9.6
											0.50	310	19.66		31.86		8.13		92.6			7.02			9.3			9.4		
0.79	330	19.56	19.56	32.57							32.57	8.12	8.12	91.3	91.2	6.91	6.90	6.90	17.8	17.9	10.4	10.0								
0.56	333	19.56	32.56	8.12						91.0		6.88		17.7		10.8														

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/07

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	15:07	6.1	S	1.21	10	20.19	20.19	31.08	31.08	7.95	7.95	92.3	92.7	6.96	6.99	6.86	8.7	8.4	18.4	8.8	9.0	20.3
						1.21	10	20.19		31.08		7.95		93.0		7.01			8.1			9.2		
						0.30	338	20.04	20.04	31.59	31.65	7.95	7.95	88.9	89.3	6.70	6.73		17.1	17.9		19.2		
					0.30	338	20.03	31.71		7.95		89.6		6.75		18.7			20.6					
					0.75	353	20.02	20.02		31.77		31.77		7.96		7.96			89.0			88.9	6.71	
					0.30	12	20.02		31.77	7.96	88.8		6.69	28.8	32.3									
IM15	Cloudy	Calm	16:16	7.0	S	0.45	60	20.16	20.16	32.01	32.02	8.07	8.07	96.5	96.4	7.24	7.24	7.21	10.7	10.9	11.6	9.5	9.6	11.3
						0.14	208	20.16		32.02		8.06		96.3		7.23			11.0			9.7		
						0.52	314	20.14	20.14	32.04	32.04	8.07	8.07	95.8	95.8	7.19	7.19		11.9	11.8		11.1		
					0.42	4	20.14	32.04		8.07		95.8		7.19		11.7			11.6					
					0.90	49	20.14	20.13		32.04		32.05		8.07		8.07			96.9			96.5	7.27	
					0.90	49	20.11		32.05	8.07	96.0		7.21	12.1	13.0									
IM16A	Cloudy	Calm	15:51	8.0	S	0.68	184	20.13	20.13	31.72	31.72	8.05	8.05	94.3	94.2	7.09	7.09	7.08	15.8	15.8	23.4	20.1	20.0	31.1
						0.61	227	20.08		20.09		31.82		31.81		8.06			8.06			94.1		
						0.55	122	20.09	31.80		8.05	93.9	7.07		24.9	35.4								
					0.76	94	20.08	20.08	31.82		31.83	8.07	8.07		95.5	94.9	7.19			7.15		27.0	28.0	
					1.23	307	20.08		31.83	8.06		94.3		7.10	29.0		37.6							
					IM17	Cloudy	Calm	15:32	5.0	S	0.09	7	20.35	20.35	31.95	31.95	8.02		8.02	94.6		94.6	7.08	
0.83	110	20.35	31.95	8.02							94.6	7.08	10.9		12.4									
0.83	53	20.34	20.32	31.97							32.00	8.02	8.02	95.3	94.8	7.13	7.09	11.0	11.6	11.8				
0.89	351	20.29		32.03						8.02		94.2		7.05		12.2		11.9						

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Date: 2022/01/07

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*	
F5	Cloudy	Calm	11:28	5.0	S	0.38	127	19.92	19.92	32.07	32.07	8.10	8.10	92.2	92.3	6.95	6.96	6.96	15.0	14.6	18.6	16.4	16.4	18.5	
						0.67	97	19.92		32.07		8.10		92.3		6.96		14.2							
					B	0.45	85	19.86	19.86	32.11	32.11	8.09	8.09	93.7	93.0	7.07	7.02	7.02	22.5	21.4		20.2			
						0.59	5	19.85		32.11		8.09		92.2		6.96		23.6		20.9					
IM15	Cloudy	Calm	11:02	7.0	S	1.02	55	19.99	19.99	32.09	32.09	8.05	8.05	91.5	91.5	6.89	6.89	6.90	27.5	27.8	29.3	33.8	33.3	36.1	
						0.99	339	19.98		32.09		8.05		91.4		6.88			28.1						
					M	0.49	348	19.98	19.99	32.12	32.11	8.05	8.05	91.9	91.9	6.92	6.92	6.90	30.2	29.3		36.0	35.7		
						1.11	351	19.99		32.09		8.05		91.9		6.92			28.3						
					B	1.77	3	19.97	19.97	32.13	32.13	8.06	8.06	93.4	92.4	7.03	6.96	6.96	30.7	29.3		39.2	38.8		39.0
						1.12	4	19.97		32.13		8.06		91.4		6.88		32.1							
IM16A	Cloudy	Calm	10:41	6.9	S	0.71	230	19.99	19.99	31.33	31.33	8.00	8.00	90.0	89.9	6.80	6.79	6.80	19.6	19.7	25.3	22.5	21.9	33.6	
						0.71	230	19.99		31.33		8.00		89.7		6.78			19.8						
					M	0.29	342	19.97	19.97	31.34	31.35	8.00	8.00	90.2	90.2	6.82	6.82	6.80	27.1	26.1		38.9	38.5		
						0.49	291	19.97		31.35		8.00		90.1		6.81			25.1						
					B	0.33	76	19.97	19.97	31.34	31.34	8.01	8.01	93.4	92.3	7.06	6.98	6.98	30.1	28.0		40.4	40.0		
						0.85	132	19.97		31.34		8.01		91.1		6.89		32.1		39.5					
IM17	Cloudy	Calm	10:21	4.5	S	0.89	341	19.83	19.83	31.04	31.04	8.01	8.01	90.1	90.2	6.84	6.85	6.85	22.6	22.6	24.5	26.6	27.9	34.7	
						0.89	341	19.83		31.04		8.00		90.3		6.86		22.6							
					B	0.75	347	19.81	19.81	31.06	31.06	8.05	8.04	92.9	91.7	7.06	6.97	6.97	26.4	25.1		41.5	42.1		
						0.15	245	19.81		31.06		8.02		90.5		6.87		27.7		42.7					

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/10

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E2	Cloudy	Calm	18:11	8.9	S	0.82	8	20.06	20.06	33.69	33.69	8.01	8.01	94.7	94.9	7.05	7.06	7.05	3.0	2.9	3.4	4.8	5.2	6.1		
						0.82	8	20.06		33.69		8.01		95.0		7.07			2.7			5.6				
						0.29	107	20.06		33.69		8.01		94.6		7.04			3.3			6.8				
					M	0.19	17	20.06	20.06	33.69	33.69	8.01	8.01	94.4	94.5	7.03	7.04		3.0	3.2		3.0	3.2		6.1	6.5
						0.49	21	20.03		33.71		8.01		94.5		7.04			4.0			6.3				
						1.09	145	20.03		33.71		8.01		94.1		7.01			4.2			6.9				
IM3	Cloudy	Calm	18:59	15.0	S	0.70	92	20.19	20.19	33.60	33.60	8.03	8.04	95.6	95.6	7.10	7.10	7.06	1.9	2.0	4.5	3.0	3.1	7.0		
						0.59	137	20.19		33.60		8.04		95.6		7.10			2.0			3.2				
						1.18	138	20.18		33.61		8.02		94.3		7.01			2.6			4.1				
					M	0.76	118	20.18	20.18	33.60	33.61	8.02	8.02	94.6	94.5	7.03	7.02		2.3	2.5		2.6	2.5		5.2	4.7
						0.73	293	20.22		33.75		8.03		92.9		6.89			8.3			15.7				
						0.73	293	20.23		33.75		8.02		92.2		6.84			9.7			10.8				
IM4	Cloudy	Calm	18:38	16.9	S	0.26	297	20.13	20.13	33.60	33.60	8.04	8.04	96.1	96.1	7.15	7.15	7.13	2.0	2.0	2.7	3.5	3.2	4.5		
						0.52	292	20.13		33.60		8.04		96.1		7.15			2.0			2.8				
						0.35	198	20.14		33.64		8.04		95.6		7.11			2.6			4.5				
					M	1.33	55	20.14	20.14	33.63	33.64	8.04	8.04	95.6	95.6	7.11	7.11		2.6	2.6		2.6	2.6		3.8	4.2
						0.69	322	20.14		33.65		8.04		95.7		7.12			3.6			6.3				
						0.68	31	20.15		33.65		8.04		95.4		7.09			3.5			6.2				
IM5	Cloudy	Calm	17:48	15.7	S	0.49	287	20.34	20.34	33.82	33.82	8.06	8.06	97.2	97.2	7.19	7.19	7.18	1.9	1.9	2.8	3.6	3.7	5.3		
						0.49	287	20.34		33.82		8.06		97.2		7.19			1.9			3.7				
						0.58	45	20.35		33.82		8.06		96.6		7.15			2.6			5.5				
					M	0.58	45	20.35	20.35	33.82	33.82	8.06	8.06	96.9	96.8	7.17	7.16		2.3	2.5		2.3	2.5		5.6	5.6
						1.16	159	20.36		33.83		8.05		96.7		7.15			4.3			6.4				
						1.16	159	20.36		33.83		8.06		96.2		7.12			4.0			7.2				
IM6	Cloudy	Calm	17:35	14.3	S	1.82	286	20.84	20.84	33.98	33.98	8.09	8.09	99.0	99.0	7.25	7.25	7.25	2.3	2.3	2.7	4.2	4.6	5.8		
						0.85	274	20.84		33.98		8.09		98.9		7.25			2.3			4.9				
						1.01	355	20.84		33.98		8.09		98.9		7.25			2.2			6.0				
					M	0.30	275	20.84	20.84	33.98	33.98	8.09	8.09	98.9	98.9	7.25	7.25		2.1	2.2		2.1	2.2		5.1	5.6
						0.93	267	20.84		33.98		8.09		98.6		7.23			3.3			7.4				
						0.93	267	20.84		33.98		8.09		98.2		7.20			3.9			6.9				

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/10

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F2	Cloudy	Calm	11:01	18.7	S	0.87	284	20.72	20.72	34.01	34.01	8.15	8.15	100.3	100.3	7.36	7.36	7.34	2.4	2.4	2.9	3.4	3.6	4.6
						0.87	284	20.72		34.01		8.15		100.2		7.36			2.4			3.8		
						1.28	35	20.72	20.73	34.02	34.02	8.15	8.15	99.7	99.6	7.32	7.31		2.8	2.8		4.2		
					0.97	76	20.73		34.02		8.15		99.4		7.30		2.7			4.2				
					0.74	232	20.73	20.73	34.02	34.02	8.16	8.16	99.7	99.5	7.32	7.31	3.5		3.5	5.4				
					0.74	232	20.73		34.02		8.16		99.3		7.29		3.5			6.3				
F3	Cloudy	Calm	11:38	17.2	S	1.16	72	20.74	20.75	34.01	34.01	8.17	8.18	97.6	97.6	7.16	7.16	7.13	2.9	2.9	3.6	3.3	3.8	5.5
						1.16	72	20.75		34.01		8.18		97.6		7.16			2.9			4.2		
						1.04	111	20.70	20.70	34.00	34.01	8.17	8.17	96.6	96.7	7.10	7.11		3.7	3.5		5.9		
					0.77	250	20.70		34.01		8.17		96.8		7.11		3.2			6.0				
					1.41	255	20.69	20.69	34.00	34.00	8.17	8.17	96.6	96.6	7.10	7.10	4.4		4.5	6.5				
					1.41	255	20.69		34.00		8.17		96.5		7.09		4.6			7.1				
IM3	Cloudy	Calm	12:49	15.1	S	0.79	140	20.13	20.14	33.64	33.64	8.09	8.09	94.2	94.3	7.01	7.02	6.97	3.4	3.3	8.2	3.4	3.7	8.6
						1.19	145	20.14		33.63		8.09		94.4		7.02			3.2			4.0		
						0.94	262	20.14	20.15	33.70	33.73	8.10	8.11	93.3	93.2	6.94	6.93		4.6	4.5		5.1		
					0.55	308	20.16		33.76		8.11		93.1		6.92		4.4			5.4				
					0.55	266	20.18	20.18	33.78	33.78	8.11	8.11	92.4	92.0	6.86	6.83	16.0		16.9	17.2				
					0.54	203	20.18		33.78		8.11		91.6		6.80		17.8			16.4				
IM4	Cloudy	Calm	12:23	16.9	S	0.15	110	20.04	20.05	33.65	33.66	8.09	8.09	95.7	95.9	7.13	7.14	7.05	2.8	2.8	6.3	4.5	4.4	9.1
						0.80	321	20.06		33.66		8.09		96.0		7.15			2.7			4.2		
						0.63	80	20.07	20.07	33.74	33.74	8.09	8.09	93.3	93.5	6.94	6.96		4.6	4.4		6.0		
					1.67	249	20.07		33.74		8.09		93.7		6.97		4.2			5.2				
					0.42	237	20.15	20.15	33.79	33.79	8.10	8.10	93.8	93.3	6.97	6.93	10.8		11.7	17.4				
					0.42	237	20.15		33.79		8.10		92.8		6.89		12.5			17.0				
IM5	Cloudy	Calm	12:03	15.4	S	0.74	50	20.62	20.62	33.98	33.98	8.17	8.17	99.0	99.1	7.28	7.29	7.26	2.9	2.9	4.6	4.6	4.2	7.0
						0.74	50	20.62		33.98		8.17		99.1		7.29			2.8			3.8		
						1.04	96	20.53	20.54	33.98	33.98	8.17	8.17	98.1	98.2	7.23	7.24		3.6	3.3		6.3		
					0.62	83	20.54		33.98		8.17		98.2		7.24		3.0			5.3				
					0.55	304	20.47	20.47	33.96	33.96	8.17	8.17	97.5	97.4	7.19	7.19	7.3		7.6	11.2				
					0.63	270	20.47		33.96		8.16		97.3		7.18		7.8			10.8				
IM6	Cloudy	Calm	11:50	13.9	S	0.88	288	20.69	20.69	34.00	34.00	8.15	8.15	99.1	99.1	7.28	7.28	7.25	4.4	4.4	6.3	5.4	5.7	9.7
						0.45	78	20.68		34.00		8.15		99.0		7.27			4.3			6.0		
						0.82	27	20.63	20.64	33.99	33.99	8.14	8.14	98.1	98.1	7.22	7.22		5.8	6.0		9.0		
					0.82	27	20.64		33.99		8.14		98.1		7.21		6.1			8.0				
					1.17	310	20.61	20.61	33.99	33.99	8.14	8.14	98.4	98.2	7.24	7.23	7.8		8.7	14.3				
					1.17	310	20.60		33.99		8.14		98.0		7.21		9.5			15.4				

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/10

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)		Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E3	Cloudy	Rough	5:57	16.4	S	0.41	165	19.20	19.20	33.09	33.10	8.22	8.22	93.7	93.7	7.12	7.12	7.12	3.4	3.5	7.6	4.5	4.1	4.7	
						0.44	168	19.20	19.20	33.10	33.10	8.22	8.22	93.7	93.7	7.12	7.12		3.5			3.5			3.6
						0.38	162	19.20	19.20	33.22	33.23	8.22	8.22	93.8	93.8	7.11	7.11		7.2			7.6			4.5
					M	0.41	174	19.20	19.20	33.23	33.23	8.22	8.22	93.8	93.8	7.11	7.11	7.9	7.6	5.1	4.8				
						0.30	144	19.20	19.20	33.31	33.31	8.22	8.22	94.5	94.6	7.16	7.17	11.9	11.8	5.6	5.3				
						0.30	144	19.20	19.20	33.31	33.31	8.22	8.22	94.6	94.6	7.17	7.17	11.7	11.8	4.9	5.3				
IM6	Cloudy	Rough	4:51	16.5	S	0.30	124	19.80	19.80	33.65	33.65	8.21	8.21	97.8	97.8	7.32	7.32	7.22	1.2	1.2	4.6	2.6	2.8	3.9	
						0.33	124	19.80	19.80	33.65	33.65	8.21	8.21	97.8	97.8	7.32	7.32		1.2			1.2			3.0
						0.32	128	19.70	19.70	33.64	33.64	8.19	8.19	95.1	95.0	7.13	7.13		4.8			4.9			2.3
					M	0.32	131	19.70	19.70	33.64	33.64	8.19	8.19	94.9	95.0	7.12	7.13	5.0	4.9	3.2	2.8				
						0.28	108	19.60	19.60	33.61	33.62	8.19	8.19	94.2	94.2	7.08	7.08	7.9	7.8	2.1	6.0				
						0.29	115	19.60	19.60	33.62	33.62	8.19	8.19	94.2	94.2	7.08	7.08	7.7	7.8	9.9	6.0				
IM7	Cloudy	Rough	5:12	12.5	S	0.28	144	19.70	19.70	33.63	33.63	8.28	8.28	98.9	98.9	7.42	7.42	7.42	1.1	1.2	1.4	2.3	2.7	2.8	
						0.29	149	19.70	19.70	33.63	33.63	8.28	8.28	98.9	98.9	7.42	7.42		1.2			1.2			3.0
						0.24	147	19.70	19.70	33.63	33.63	8.28	8.28	98.8	98.8	7.41	7.41		1.3			1.3			2.6
					M	0.24	151	19.70	19.70	33.63	33.63	8.28	8.28	98.8	98.8	7.41	7.41	1.3	1.3	2.6	2.8				
						0.28	143	19.70	19.70	33.63	33.63	8.27	8.27	99.7	99.7	7.48	7.48	1.9	1.8	3.1	2.9				
						0.30	151	19.70	19.70	33.63	33.63	8.27	8.27	99.7	99.7	7.48	7.48	1.8	1.8	2.6	2.9				
IM8	Cloudy	Rough	5:05	14.1	S	0.35	136	19.50	19.50	33.61	33.61	8.25	8.25	97.9	97.9	7.37	7.37	7.37	10.3	10.3	4.5	2.8	2.8	3.4	
						0.38	139	19.50	19.50	33.61	33.61	8.25	8.25	97.9	97.9	7.37	7.37		10.3			10.3			2.7
						0.30	126	19.50	19.50	33.61	33.61	8.25	8.25	97.7	97.7	7.36	7.36		1.5			1.5			4.0
					M	0.32	129	19.50	19.50	33.61	33.61	8.25	8.25	97.7	97.7	7.36	7.36	1.5	1.5	3.2	3.6				
						0.32	142	19.50	19.50	33.61	33.61	8.25	8.25	97.7	97.7	7.35	7.35	1.6	1.6	4.2	3.8				
						0.32	155	19.50	19.50	33.61	33.61	8.25	8.25	97.7	97.7	7.35	7.35	1.6	1.6	3.4	3.8				
IM9	Cloudy	Rough	5:31	14.2	S	0.49	153	19.10	19.10	33.35	33.36	8.23	8.23	95.2	95.3	7.22	7.23	7.27	3.1	3.1	5.0	2.3	2.8	3.2	
						0.51	154	19.10	19.10	33.36	33.36	8.23	8.23	95.3	95.3	7.23	7.23		3.2			3.1			3.2
						0.42	153	19.40	19.40	33.52	33.52	8.25	8.25	96.8	96.9	7.3	7.31		5.6			5.7			3.6
					M	0.44	160	19.40	19.40	33.52	33.52	8.25	8.25	96.9	96.9	7.31	7.31	5.8	5.7	4.2	3.2				
						0.35	154	19.40	19.40	33.53	33.53	8.25	8.25	97.9	98.0	7.39	7.39	6.2	6.1	2.7	3.8				
						0.38	168	19.40	19.40	33.53	33.53	8.25	8.25	98.0	98.0	7.39	7.39	6.1	6.1	3.4	3.8				

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Date: 2022/01/10

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F3	Cloudy	Rough	14:20	16.7	S	0.40	221	20.20	20.20	33.60	33.60	8.32	8.32	99.1	99.1	7.36	7.36	7.34	0.8	0.8	1.2	4.3	4.2	3.3
						0.44	235	20.20		33.60		8.32		99.1		7.36			0.8					
						0.21	223	20.20	20.20	33.60	33.60	8.32	8.32	98.5	98.5	7.32	7.32		1.1			1.1		
					M	0.21	242	20.20		33.60		8.32		98.5		7.32			1.2			2.7		
						0.41	225	20.10	20.10	33.59	33.59	8.33	8.33	99.4	99.4	7.39	7.40		1.6	1.6		2.5		
						0.41	242	20.10		33.59		8.33		99.5		7.40			1.6			3.0		
IM6	Cloudy	Rough	14:09	16.4	S	0.67	269	20.10	20.10	33.60	33.60	8.31	8.31	98.9	98.9	7.36	7.36	7.33	1.2	1.2	3.8	3.6	3.8	3.3
						0.71	286	20.10		33.60		8.31		98.9		7.36			1.2					
						0.47	237	20.10	20.10	33.58	33.58	8.31	8.31	98.0	98.0	7.30	7.30		2.0			2.0		
					M	0.50	244	20.10		33.58		8.31		98.0		7.30			2.0			3.8		
						0.56	216	20.00	20.00	33.58	33.58	8.31	8.31	97.5	97.5	7.27	7.27		8.5	8.4		2.5		
						0.56	225	20.00		33.58		8.31		97.4		7.26			8.2			2.8		
IM7	Cloudy	Rough	13:54	13.2	S	0.45	285	19.90	19.90	33.58	33.58	8.31	8.31	98.4	98.4	7.36	7.36	7.37	1.4	1.4	1.7	4.1	4.3	3.7
						0.46	286	19.90		33.58		8.31		98.4		7.36			1.4					
						0.50	264	19.80	19.75	33.57	33.57	8.31	8.31	98.4	98.4	7.37	7.38		1.7			1.7		
					M	0.51	283	19.70		33.57		8.31		98.4		7.38			1.7			3.2		
						0.40	243	19.70	19.70	33.55	33.55	8.31	8.31	98.6	98.6	7.40	7.40		2.1	2.1		3.6		
						0.44	260	19.70		33.55		8.31		98.6		7.40			2.1			3.0		
IM8	Cloudy	Rough	13:47	14.3	S	0.49	256	19.80	19.80	33.58	33.58	8.31	8.31	98.9	98.9	7.41	7.41	7.41	1.4	1.4	2.2	5.8	5.5	4.8
						0.53	268	19.80		33.58		8.31		98.9		7.41			1.4					
						0.34	259	19.80	19.80	33.58	33.58	8.31	8.31	98.8	98.8	7.40	7.40		1.5			1.5		
					M	0.36	261	19.80		33.58		8.31		98.7		7.40			1.5			5.0		
						0.26	215	19.70	19.70	33.58	33.58	8.31	8.31	98.6	98.6	7.39	7.39		3.5	3.6		3.9		
						0.27	221	19.70		33.58		8.31		98.6		7.39			3.7			3.8		
IM9	Cloudy	Rough	13:24	14.6	S	0.60	269	19.60	19.60	33.55	33.55	8.30	8.30	98.8	98.8	7.42	7.42	7.41	1.4	1.4	5.7	3.4	3.7	3.8
						0.66	270	19.60		33.55		8.30		98.8		7.42			1.4					
						0.64	241	19.60	19.60	33.55	33.55	8.30	8.30	98.4	98.4	7.40	7.40		2.7			2.9		
					M	0.67	261	19.60		33.55		8.30		98.4		7.40			3.2			4.0		
						0.64	244	19.60	19.60	33.54	33.54	8.30	8.30	98.5	98.6	7.40	7.41		12.4	12.6		4.2		
						0.68	258	19.60		33.54		8.30		98.6		7.41			12.9			3.8		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/10

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E6	Cloudy	Calm	18:14	6.5	S	0.10	347	20.03	20.03	31.47	31.45	8.02	8.02	88.4	88.6	6.67	6.69	6.59	5.7	5.7	6.7	5.4	5.4	7.7	
						0.24	13	20.03		31.43		8.01		88.7		6.70			5.3						
					M	0.13	317	20.07	20.07	31.92	31.92	8.01	8.01	86.3	86.2	6.49	6.49		6.8	6.8		6.8	7.4		7.4
						0.41	334	20.07		31.92		8.01		86.1		6.48			6.7			7.4			
					B	0.21	322	20.07	20.07	31.95	31.95	8.00	8.00	87.2	87.0	6.56	6.54		7.3	7.5		7.3	9.6		10.2
						0.12	323	20.07		31.94		8.00		86.7		6.52			7.7			10.8			
IM15	Cloudy	Calm	19:31	7.5	S	0.11	205	19.98	19.99	32.69	32.69	8.17	8.17	92.3	92.3	6.92	6.92	6.91	6.1	6.1	6.8	4.5	4.1	5.8	
						0.20	142	19.99		32.69		8.17		92.3		6.92			6.0			3.7			
					M	0.16	222	20.00	20.00	32.84	32.85	8.17	8.18	92.1	92.1	6.90	6.90		6.8	6.8		6.8	6.0		6.0
						0.13	265	20.00		32.85		8.18		92.0		6.89			6.8			6.0			
					B	0.14	335	19.99	19.99	32.88	32.88	8.15	8.16	92.8	92.4	6.95	6.92		7.7	7.6		7.7	7.2		7.2
						0.37	161	19.99		32.88		8.16		91.9		6.88			7.5			7.1			
IM16A	Cloudy	Calm	18:59	7.8	S	0.35	92	19.84	19.84	32.09	32.09	8.16	8.16	91.8	91.9	6.93	6.94	6.93	6.9	6.9	10.7	5.6	5.2	10.7	
						0.14	298	19.84		32.09		8.16		91.9		6.94			6.9			4.8			
					M	0.11	144	19.90	19.90	32.24	32.24	8.15	8.16	92.0	92.0	6.93	6.93		11.3	10.5		11.3	10.0		10.1
						0.15	84	19.89		32.24		8.16		91.9		6.92			9.7			10.2			
					B	0.19	26	19.91	19.91	32.26	32.27	8.12	8.13	92.1	92.0	6.93	6.93		14.6	14.7		14.6	16.2		16.7
						0.19	26	19.91		32.27		8.13		91.9		6.92			17.1			17.1			
IM17	Cloudy	Calm	18:38	5.4	S	0.12	108	20.04	20.04	31.75	31.75	8.07	8.07	89.8	89.8	6.77	6.77	6.77	7.9	7.9	8.1	6.7	6.8	8.0	
						0.63	71	20.03		31.75		8.07		89.7		6.76			7.8			6.8			
					B	0.13	333	20.04	20.04	31.75	31.75	8.06	8.06	90.3	90.1	6.80	6.79		8.4	8.3		8.4	9.6		9.3
						0.15	111	20.04		31.75		8.06		89.9		6.77			8.1			8.9			

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/10

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F5	Cloudy	Calm	13:03	5.7	S	0.27	8	20.08	20.08	32.79	32.80	8.23	8.23	94.8	95.0	7.09	7.11	7.11	5.6	5.3	8.7	4.3	4.6	9.3
						0.27	8	20.08		32.8		8.23		95.1		7.12			4.9					
					B	0.33	58	19.95	19.95	32.9	32.91	8.21	8.21	93.5	93.3	7.01	6.99	6.99	11.8	12.1		14.1		
						0.49	61	19.94		32.91		8.21		93		6.97			12.4					
IM15	Cloudy	Calm	12:28	8.2	S	0.61	8	19.91	19.91	32.53	32.53	8.2	8.20	92.2	92.1	6.93	6.93	6.92	12.2	12.2	13.5	12.9	12.8	15.4
						0.77	335	19.91		32.52		8.2		92		6.92			12.2					
					M	0.48	9	19.89	19.90	32.55	32.55	8.19	8.20	92.1	92.1	6.92	6.92	6.92	13.6	13.0		15.2		
						0.74	344	19.91		32.55		8.2		92.1		6.92			14.2					
					B	0.5	355	19.88	19.88	32.55	32.55	8.18	8.18	93.3	92.9	7.02	6.99	6.99	14.7	15.4		18.2		
						0.35	16	19.88		32.55		8.18		92.5		6.96			16.1			19.0		
IM16A	Cloudy	Calm	12:03	7.8	S	0.35	320	20.08	20.07	31.38	31.40	8.11	8.12	91.6	91.6	6.91	6.91	6.88	7.9	7.9	10.5	7.2	7.5	10.7
						0.45	354	20.06		31.41		8.12		91.6		6.91			7.8					
					M	0.34	327	19.99	20.00	31.47	31.47	8.1	8.11	90.4	90.8	6.83	6.86	6.88	11.3	10.8		11.7		
						0.34	327	20		31.47		8.11		91.1		6.88			10.3			12.1		
					B	0.41	268	19.95	19.96	31.62	31.62	8.1	8.10	90.6	90.6	6.84	6.84	6.84	12.6	12.7		13.2		
						0.41	325	19.96		31.61		8.1		90.5		6.83			12.8			12.4		
IM17	Cloudy	Calm	11:41	4.7	S	0.60	298	19.96	19.95	30.95	30.97	8.08	8.08	93.1	93.1	7.06	7.06	7.06	5.4	5.5	12.6	5.9	5.8	15.7
						0.83	335	19.93		30.98		8.08		93.1		7.06			5.5					
					B	0.45	349	19.95	19.95	31.26	31.25	8.03	8.04	91.9	91.6	6.96	6.94	6.94	19.1	19.7		25.6		
						0.16	302	19.95		31.24		8.04		91.3		6.91			20.2			25.4		

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/12

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*	
E2	Cloudy	Calm	8:21	8.3	S	0.39	267	19.55	19.55	33.99	33.99	8.16	8.16	95.1	95.0	7.13	7.13	7.14	4.5	4.5	5.1	6.8	6.4	7.3	
						0.39	267	19.55		33.99		8.16		94.9		7.12			4.4			5.9			
						0.45	143	19.56		33.99		8.17		95.4		7.16			5.1			7.1			
					M	0.45	143	19.56	19.56	33.99	33.99	8.16	8.17	95.0	95.2	7.13	7.15		5.5	5.3		6.0	6.6		
						1.01	258	19.55		33.99		8.18		97.5		7.31			5.6			9.1			
						0.07	242	19.55		33.99		8.17		96.0		7.20			5.3			8.9			
B	0.27	322	19.72	19.72	33.80	33.80	8.15	8.15	93.7	93.7	7.02	7.02	7.02	3.1	3.2	5.2	4.4	4.5	7.6						
	0.27	322	19.72		33.80		8.14		93.6		7.01			3.2			4.6								
	M	0.49	219		19.83		19.84		33.88		33.89			8.17			8.17			94.0	94.0	7.02	7.02	3.7	3.7
0.82		129	19.85	33.89	8.17	94.0		7.02	3.7	4.8															
B	0.48	282	19.99	19.99	33.99	33.99	8.23	8.23	94.6	94.5	7.04	7.03		7.03	9.4		8.6	13.0		13.6					
	0.48	282	19.99		33.99		8.22		94.3		7.02				7.8			14.1							
IM3	Cloudy	Calm	6:59	14.9	S	0.76	302	20.00	19.99	34.06	34.06	8.18	8.18		94.9	95.0	7.06	7.07	7.06	4.2	4.1	4.9	5.2	5.0	6.3
						0.76	302	19.98		34.06		8.18			95.1		7.08			4.0			4.8		
						M	0.91	123		20.00		20.01			34.06		34.07			8.17			8.17		
					0.71		339	20.02	34.07	8.17	94.7		7.04		4.4	5.8									
					B	0.91	272	20.03	20.03	34.08	34.08	8.17	8.17	95.0	94.8	7.06	7.05	6.4		6.1	7.8		7.9		
						0.91	272	20.03		34.07		8.17		94.6		7.03		5.8			8.0				
IM4	Cloudy	Calm	7:23	16.2	S	0.67	37	20.23	20.23	34.13	34.13	8.22	8.22	96.8	96.9	7.17	7.17	7.16	5.6	5.5	5.8	7.4	7.2	7.9	
						0.67	37	20.23		34.13		8.22		96.9		7.17			5.3			7.0			
						M	0.41	271		20.25		20.25		34.13		34.13			8.21			8.21			96.6
					0.54		305	20.25	34.13	8.21	96.6		7.15	5.8	7.3										
					B	0.24	12	20.23	20.24	34.13	34.14	8.21	8.21	97.9	97.9	7.25	7.25		6.0	6.0		8.0	8.6		
						0.24	12	20.24		34.14		8.21		97.9		7.25			6.0			9.1			
IM5	Cloudy	Calm	7:58	14.8	S	0.48	62	20.28	20.29	34.24	34.24	8.24	8.25	98.5	98.5	7.28	7.28	7.26	3.0	3.1	3.7	4.6	5.1	4.8	
						0.88	31	20.29		34.24		8.25		98.4		7.27			3.1			5.5			
						M	0.20	233		20.31		20.31		34.25		34.25			8.24			8.24			98.2
					0.28		326	20.31	34.25	8.24	98.2		7.25	4.2	5.2										
					B	0.65	259	20.28	20.30	34.24	34.25	8.23	8.23	99.4	99.0	7.35	7.32		3.6	4.0		4.2	4.0		
						0.46	257	20.31		34.25		8.23		98.5		7.28			4.3			3.7			

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/12

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F2	Cloudy	Moderate	13:04	19.4	S	1.33	321	19.68	19.68	33.96	33.96	8.04	8.05	97.9	98.1	7.33	7.34	7.32	2.1	2.2	4.5	3.6	3.4	7.1
						0.89	262	19.67	19.70	33.96	33.98	8.02	8.03	98.2	97.6	7.35	7.30		2.2	3.1		3.1	3.8	
						1.37	268	19.70	19.70	33.98	33.98	8.03	8.03	97.5	97.6	7.29	7.30		3.3	3.1		2.8	4.3	
					M	1.34	292	19.70	19.70	33.98	33.98	8.03	8.03	97.7	97.6	7.31	7.30	2.8	3.1	3.1	3.1	3.1	4.1	
						1.50	230	19.99	19.88	34.07	34.04	8.00	8.01	96.7	96.7	7.19	7.21	9.1	8.3	9.1	13.1	13.8		
						1.50	230	19.77	19.88	34.00	34.04	8.01	8.01	96.7	96.7	7.22	7.21	7.4	8.3	7.4	14.4	14.4		
F3	Cloudy	Moderate	13:41	17.6	S	0.73	295	19.96	19.96	34.03	34.03	8.02	8.02	96.6	96.7	7.19	7.20	7.18	3.0	3.1	5.7	3.6	4.0	9.1
						0.73	216	19.96	19.96	34.03	34.03	8.02	8.03	96.7	96.6	7.20	7.17		3.1	3.9		3.1	4.3	
						0.29	203	20.08	20.08	34.13	34.13	8.03	8.03	96.6	96.6	7.17	7.17		3.9	3.9		3.9	5.1	
					M	0.16	277	20.07	20.08	34.12	34.13	8.03	8.03	96.5	96.6	7.17	7.17	3.9	3.9	3.9	4.9	5.0		
						0.72	116	20.28	20.28	34.27	34.27	8.03	8.03	97.1	97.1	7.18	7.18	10.3	10.1	10.3	18.6	18.2		
						0.72	116	20.28	20.28	34.26	34.27	8.03	8.03	97.0	97.1	7.17	7.18	9.9	10.1	9.9	17.8	17.8		
IM3	Cloudy	Moderate	12:38	14.8	S	0.42	6	19.61	19.61	33.56	33.56	7.94	7.94	92.9	92.9	6.98	6.98	6.98	2.4	2.4	2.5	2.1	2.5	2.9
						0.94	49	19.61	19.63	33.56	33.63	7.93	7.96	92.9	92.9	6.97	6.97		2.3	2.5		2.3	2.8	
						0.84	277	19.63	19.63	33.63	33.63	7.96	7.96	92.9	92.9	6.97	6.97		2.4	2.5		2.4	3.0	
					M	0.65	4	19.63	19.63	33.62	33.63	7.95	7.96	92.9	92.9	6.97	6.97	2.5	2.5	2.5	2.6	2.8		
						0.11	352	19.65	19.66	33.74	33.74	8.01	8.01	93.8	93.4	7.03	7.00	2.7	2.6	2.7	3.3	3.3		
						0.11	352	19.66	19.66	33.74	33.74	8.00	8.01	93.0	93.4	6.97	7.00	2.5	2.6	2.5	3.3	3.3		
IM4	Cloudy	Moderate	14:27	17.0	S	0.56	52	19.69	19.69	33.76	33.76	7.98	7.98	94.9	95.4	7.11	7.15	7.09	1.3	1.4	13.7	1.9	2.1	19.6
						0.77	94	19.69	19.77	33.76	33.87	7.98	7.98	95.9	94.0	7.19	7.03		1.5	3.0		1.5	2.3	
						0.66	320	19.77	19.77	33.87	33.87	7.98	7.98	93.8	94.0	7.01	7.03		3.1	3.0		3.1	3.2	
					M	0.56	190	19.77	19.77	33.87	33.87	7.98	7.98	94.1	94.0	7.04	7.03	2.9	3.0	2.9	2.8	3.0		
						0.32	230	19.95	19.95	34.04	34.04	7.98	7.98	92.3	92.1	6.87	6.86	38.5	36.6	38.5	43.2	53.6		
						1.38	169	19.95	19.95	34.04	34.04	7.98	7.98	91.9	92.1	6.84	6.86	34.6	36.6	34.6	64.0	64.0		
IM5	Cloudy	Moderate	14:06	15.7	S	0.27	238	20.03	20.04	34.08	34.08	8.02	8.03	95.5	95.6	7.10	7.10	7.10	4.1	4.2	6.4	4.9	5.0	7.0
						0.27	238	20.04	20.04	34.08	34.08	8.03	8.03	95.6	95.6	7.10	7.10		4.2	4.1		4.2	5.1	
						0.23	52	20.05	20.06	34.09	34.09	8.02	8.02	95.5	95.5	7.09	7.09		4.2	4.1		4.2	5.4	
					M	0.94	268	20.06	20.06	34.09	34.09	8.02	8.02	95.4	95.5	7.09	7.09	3.9	4.1	3.9	5.1	5.3		
						0.77	260	20.18	20.19	34.16	34.16	8.02	8.02	96.8	96.7	7.17	7.16	10.7	10.9	10.7	11.3	10.8		
						0.77	260	20.19	20.19	34.16	34.16	8.02	8.02	96.5	96.7	7.15	7.16	11.1	10.9	11.1	10.2	10.8		
IM6	Cloudy	Moderate	13:52	14.1	S	0.33	180	20.09	20.09	34.13	34.13	8.05	8.05	97.1	97.1	7.21	7.21	7.20	4.0	4.0	7.6	5.8	5.6	12.2
						0.33	180	20.09	20.09	34.13	34.13	8.05	8.05	97.1	97.1	7.21	7.21		4.0	4.0		4.0	5.4	
						0.11	308	20.14	20.14	34.16	34.16	8.04	8.04	96.9	96.9	7.18	7.18		5.1	5.0		5.1	7.6	
					M	0.86	204	20.14	20.14	34.16	34.16	8.04	8.04	96.8	96.9	7.18	7.18	4.9	5.0	4.9	6.6	7.1		
						0.23	304	20.23	20.24	34.23	34.23	8.04	8.04	97.6	97.4	7.22	7.21	13.9	13.9	13.9	24.4	24.0		
						0.23	304	20.23	20.24	34.23	34.23	8.04	8.04	97.2	97.4	7.19	7.21	13.9	13.9	13.9	23.6	24.0		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/12

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*
E3	Cloudy	Moderate	8:41	16.4	S	0.12	154	19.80	19.80	33.63	33.63	8.31	8.32	100.4	100.5	7.52	7.52	7.56	1.2	1.2	1.9	3.8	3.7	3.4
						0.13	154	19.80		33.63		8.32		100.5		7.52			1.1			3.6		
						0.05	184	19.80		33.62		8.32		101.3		7.59			1.8			3.2		
					M	0.05	198	19.70	19.75	33.62	33.62	8.32	8.32	101.5	101.4	7.60	7.60		1.9	1.9		3.3		
						0.04	151	19.80		33.59		8.32		102.5		7.68			2.8			2.9		
						0.04	153	19.80		33.59		8.33		103.3		7.74			2.8			3.4		
IM6	Cloudy	Rough	7:40	17.4	S	0.16	142	19.70	19.70	33.62	33.63	8.23	8.23	97.3	97.4	7.30	7.31	7.32	1.0	1.0	1.6	4.2	4.2	3.7
						0.16	143	19.70		33.63		8.23		97.4		7.31			1.0			4.2		
						0.03	77	19.70		33.62		8.22		97.5		7.32			1.4			3.8		
					M	0.03	79	19.70	19.70	33.62	33.62	8.22	8.22	97.7	97.6	7.33	7.33		1.5	1.4		3.5		
						0.16	65	19.70		33.59		8.22		97.8		7.34			2.4			3.4		
						0.17	67	19.70		33.59		8.21		98.0		7.36			2.5			2.9		
IM7	Cloudy	Moderate	7:59	12.4	S	0.11	177	19.60	19.60	33.59	33.59	8.29	8.29	98.2	98.3	7.38	7.39	7.43	1.1	1.1	1.8	4.2	4.1	3.7
						0.11	182	19.60		33.59		8.29		98.3		7.39			1.0			4.0		
						0.08	170	19.60		33.58		8.30		99.3		7.47			1.7			3.5		
					M	0.08	171	19.60	19.60	33.58	33.58	8.30	8.30	99.5	99.4	7.48	7.48		1.7	1.7		3.8		
						0.19	176	19.60		33.57		8.30		100.2		7.54			2.5			3.4		
						0.21	189	19.60		33.57		8.30		100.5		7.55			2.6			3.2		
IM8	Cloudy	Rough	7:52	14.2	S	0.16	59	19.70	19.70	33.61	33.61	8.25	8.25	97.0	97.0	7.27	7.27	7.27	1.1	1.1	1.8	4.4	4.4	4.4
						0.16	64	19.70		33.61		8.25		97.0		7.27			1.1			4.3		
						0.18	110	19.70		33.62		8.24		97.0		7.27			2.0			4.6		
					M	0.19	112	19.70	19.70	33.62	33.62	8.24	8.24	97.0	97.0	7.27	7.27		2.0	2.0		4.3		
						0.01	278	19.70		33.61		8.24		97.0		7.27			2.5			4.4		
						0.01	285	19.70		33.61		8.24		97.0		7.27			2.5			4.2		
IM9	Cloudy	Moderate	8:17	14.2	S	0.06	276	19.80	19.80	33.63	33.63	8.31	8.32	98.7	98.7	7.39	7.39	7.48	3.0	3.0	3.7	3.0	3.0	2.6
						0.06	281	19.80		33.63		8.32		98.7		7.39			3.1			2.9		
						0.05	197	19.70		33.62		8.32		100.8		7.55			3.7			2.6		
					M	0.05	212	19.70	19.70	33.62	33.62	8.32	8.32	101.0	100.9	7.57	7.56		3.5	3.6		2.4		
						0.09	309	19.80		33.60		8.33		102.0		7.64			4.6			2.0		
						0.10	315	19.80		33.60		8.33		102.5		7.68			4.6			2.6		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/12

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
F3	Cloudy	Rough	15:37	17.6	S	0.34	281	19.20	19.20	33.31	33.31	8.28	8.28	98.5	98.6	7.47	7.47	7.50	6.1	6.1	7.4	4.7	4.9	5.0	
						0.34	283	19.20	19.20	33.31	33.31	8.28	8.28	98.6	98.6	7.47	7.47		6.0			6.1			5.0
						0.35	277	19.20	19.20	33.30	33.30	8.28	8.29	99.2	99.3	7.52	7.53		7.5			7.5			4.8
					M	0.38	284	19.20	19.20	33.29	33.30	8.29	8.29	99.4	99.3	7.53	7.53		7.6	7.5		5.0			
						0.22	276	19.20	19.20	33.26	33.26	8.29	8.29	100.3	100.6	7.60	7.63		8.4	8.5		4.8			
						0.22	287	19.20	19.20	33.23	33.23	8.29	8.29	100.8	100.6	7.65	7.63		8.5	8.5		5.4			
IM6	Cloudy	Rough	15:28	16.2	S	0.15	317	19.20	19.20	33.37	33.38	8.28	8.28	98.4	98.5	7.45	7.46	7.52	1.2	1.1	1.9	6.1	6.1	5.5	
						0.16	327	19.20	19.20	33.38	33.38	8.28	8.28	98.6	98.5	7.47	7.46		1.1			1.1			6.0
						0.18	288	19.20	19.20	33.37	33.37	8.29	8.29	99.8	99.9	7.56	7.57		1.7			1.7			5.6
					M	0.19	300	19.20	19.20	33.37	33.37	8.29	8.29	100.0	100.0	7.58	7.57		1.8	1.7		5.4			
						0.15	309	19.20	19.20	33.36	33.36	8.29	8.29	100.8	101.0	7.64	7.65		2.8	2.8		4.7			
						0.16	339	19.20	19.20	33.35	33.35	8.29	8.29	101.1	101.0	7.66	7.65		2.7	2.8		4.9			
IM7	Cloudy	Rough	14:59	13.4	S	0.39	279	19.60	19.60	33.59	33.59	8.32	8.32	99.4	99.5	7.46	7.47	7.49	1.2	1.3	2.4	6.0	5.7	5.5	
						0.42	283	19.60	19.60	33.59	33.59	8.32	8.32	99.5	99.5	7.47	7.47		1.3			1.3			5.4
						0.35	280	19.60	19.60	33.59	33.59	8.33	8.33	100.0	100.1	7.51	7.52		2.7			2.7			5.5
					M	0.37	290	19.60	19.60	33.59	33.59	8.33	8.33	100.2	100.1	7.52	7.52		2.7	2.7		5.2			
						0.26	244	19.60	19.65	33.57	33.57	8.33	8.33	101.1	101.4	7.59	7.61		3.5	3.4		5.4			
						0.27	258	19.70	19.65	33.57	33.57	8.33	8.33	101.6	101.4	7.62	7.61		3.4	3.4		5.2			
IM8	Cloudy	Rough	15:07	14.2	S	0.16	308	19.60	19.60	33.61	33.61	8.32	8.32	98.8	98.9	7.42	7.43	7.47	3.9	4.0	4.5	6.7	6.5	6.2	
						0.17	315	19.60	19.60	33.61	33.61	8.32	8.32	99.0	98.9	7.43	7.43		4.1			4.0			6.2
						0.16	319	19.60	19.60	33.60	33.60	8.32	8.32	100.0	100.1	7.51	7.52		4.7			4.8			6.6
					M	0.16	319	19.60	19.60	33.60	33.60	8.32	8.32	100.1	100.1	7.52	7.52		4.8	4.8		6.5			
						0.16	295	19.60	19.65	33.58	33.58	8.32	8.32	100.9	101.1	7.58	7.60		5.0	4.9		5.6			
						0.16	298	19.70	19.65	33.58	33.58	8.32	8.32	101.3	101.1	7.61	7.60		4.8	4.9		5.4			
IM9	Cloudy	Rough	14:39	15.0	S	0.37	258	19.60	19.60	33.54	33.54	8.31	8.31	98.3	98.4	7.39	7.40	7.45	7.7	7.7	8.5	4.2	4.1	3.9	
						0.38	271	19.60	19.60	33.54	33.54	8.31	8.31	98.4	98.4	7.40	7.40		7.7			7.7			4.0
						0.37	278	19.60	19.60	33.53	33.53	8.31	8.31	99.6	99.7	7.49	7.50		8.7			8.7			4.0
					M	0.37	284	19.60	19.60	33.53	33.53	8.31	8.31	99.7	99.7	7.50	7.50		8.8	8.7		3.8			
						0.35	285	19.60	19.60	33.52	33.52	8.31	8.31	100.6	100.8	7.57	7.59		9.0	9.0		4.0			
						0.36	310	19.60	19.60	33.53	33.53	8.31	8.31	101.0	100.8	7.60	7.59		9.0	9.0		3.5			

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/12

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	Cloudy	Calm	8:07	6.0	S	0.27	20	19.77	19.78	32.42	32.43	8.05	8.06	86.3	86.4	6.51	6.51	6.50	3.6	3.6	4.1	4.2	3.9	4.7	
						0.31	83	19.78		32.43		8.06		86.4		6.51			3.5			3.5			4.4
						0.21	286	19.82		32.46		8.04		86.2		6.49			3.7			3.7			4.4
					M	0.06	353	19.81	19.82	32.43	32.45	8.04	8.04	85.9	86.1	6.47	6.48		3.6	3.7		5.4			
						0.29	355	19.91		32.49		8.06		86.9		6.53			5.5			5.7			
						0.15	328	19.92		32.49		8.04		85.7		6.44			4.7			4.9			
IM15	Cloudy	Calm	9:21	8.2	S	0.13	113	19.28	19.28	32.92	32.92	8.18	8.18	92.5	92.4	7.02	7.01	7.00	6.5	6.5	7.5	5.6	5.4	7.1	
						0.43	310	19.28		32.92		8.18		92.2		7.00			6.4			5.1			
						0.36	17	19.27		32.93		8.17		92.3		7.00			6.9			6.6			
					M	0.28	112	19.27	19.27	32.93	32.93	8.17	8.17	92.1	92.2	6.99	7.00		6.8	6.9		6.2			
						0.26	307	19.27		32.95		8.15		93.5		7.09			9.5			9.2			
						0.26	307	19.27		32.95		8.16		92.6		7.03			8.7			9.6			
IM16A	Cloudy	Calm	8:52	7.3	S	0.09	141	19.24	19.24	32.53	32.53	8.15	8.15	91.8	91.8	6.99	6.99	6.99	6.2	6.2	6.8	5.4	5.8	7.4	
						0.09	141	19.23		32.53		8.15		91.8		6.99			6.1			6.2			
						0.26	356	19.24		32.58		8.13		91.9		6.99			6.4			7.7			
					M	0.19	93	19.24	19.24	32.61	32.60	8.13	8.13	91.7	91.8	6.98	6.99		6.1	6.3		7.8			
						0.13	101	19.24		32.68		8.11		93.3		7.09			8.0			9.2			
						0.13	101	19.25		32.70		8.11		92.4		7.02			8.1			8.0			
IM17	Cloudy	Calm	8:32	5.0	S	0.51	222	19.53	19.54	32.17	32.17	8.07	8.08	90.1	90.0	6.84	6.83	6.83	4.9	4.9	5.0	4.7	4.9	5.5	
						0.53	222	19.54		32.16		8.08		89.8		6.81			4.8			5.1			
					B	0.28	8	19.54	19.54	32.19	32.19	8.06	8.06	92.0	91.3	6.98	6.92		5.3	5.1		5.6			
						0.05	68	19.53		32.19		8.06		90.5		6.86			4.9			6.5			

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/12

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
F5	Cloudy	Calm	12:53	5.4	S	0.28	223	19.27	19.27	32.87	32.87	8.05	8.06	95.1	95.0	7.22	7.21	7.21	5.1	5.1	5.0	5.6	5.5	5.6	
						0.28	223	19.27		32.87		8.06		94.9		7.20			5.0			5.4			
					B	0.60	38	19.47	19.44	33.32	33.27	8.05	8.05	96.1	95.6	7.25	7.22	7.22	5.0	5.0		6.2	5.7		
						0.60	38	19.40		33.21		8.05		95.1		7.19			4.9			5.1			
IM15	Cloudy	Calm	13:19	7.8	S	1.25	339	19.33	19.33	32.76	32.76	8.11	8.11	92.2	92.2	7.00	7.00	6.99	7.0	7.0	7.7	6.7	7.1	8.5	
						1.25	350	19.33		32.75		8.11		92.2		7.00			7.0			7.5			
					M	0.30	45	19.31	19.31	32.82	32.82	8.09	8.10	91.9	92.0	6.97	6.98	6.99	8.0	8.1		10.8	10.8		
						1.38	343	19.31		32.82		8.10		92.0		6.98			8.1						
					B	0.97	308	19.31	19.31	32.84	32.84	8.07	8.08	92.9	92.6	7.05	7.03	7.03	7.7	8.0		8.0	7.6		
						0.63	313	19.31		32.84		8.08		92.2		7.00			8.2			7.2			
IM16A	Cloudy	Calm	13:41	7.9	S	0.22	8	19.34	19.34	32.36	32.36	8.09	8.10	92.1	92.0	7.00	6.99	6.97	6.2	6.2	7.5	5.4	5.9	8.4	
						0.07	127	19.34		32.36		8.10		91.8		6.98			3.2			6.3			
					M	0.06	276	19.28	19.28	32.49	32.49	8.08	8.09	91.4	91.5	6.95	6.96		6.97	7.6		7.6	9.3		9.7
						0.47	49	19.28		32.48		8.09		91.5		6.96				7.5			10.0		
					B	0.16	9	19.27	19.28	32.57	32.57	8.06	8.07	92.4	92.0	7.03	7.00		7.00	8.7		8.6	10.1		9.6
						0.16	9	19.28		32.56		8.07		91.6		6.97				8.5			9.1		
IM17	Cloudy	Calm	14:04	5.2	S	0.56	297	19.55	19.55	32.20	32.20	8.06	8.06	90.8	91.0	6.88	6.90	6.90	5.4	5.5	12.6	6.8	6.3	7.4	
						0.56	297	19.55		32.20		8.06		91.1		6.91			5.5			5.7			
					B	0.53	316	19.62	19.61	32.34	32.33	8.02	8.03	91.5	90.9	6.92	6.88		6.88	19.1		19.7	8.6		8.5
						0.34	293	19.60		32.32		8.03		90.3		6.84				20.2			8.4		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/14

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*	
E3	Misty	Rough	22:46	17.0	S	0.40	141	18.70	18.70	33.46	33.39	8.25	8.25	96.7	96.8	7.39	7.40	7.41	3.9	3.9	4.7	11.7	12.1	11.7	
						0.43	142	18.70	18.70	33.31	33.44	8.25	8.26	96.9	97.1	7.40	7.42		3.9	4.3		12.5	12.4		
						0.40	140	18.70	18.70	33.41	33.46	8.25	8.26	97.0	97.2	7.41	7.42		4.3	4.3		12.4	11.6		
					M	0.42	149	18.70	18.70	33.46	33.40	8.26	8.26	97.2	97.7	7.42	7.47		4.3	6.0		6.0	11.4		11.1
						0.40	138	18.70	18.70	33.40	33.39	8.26	8.26	97.6	97.8	7.45	7.47		6.0	6.1		10.8	10.8		
						0.44	148	18.70	18.70	33.39	33.40	8.26	8.26	97.8	97.7	7.48	7.47		6.1	6.0		10.8	11.1		
IM6	Misty	Rough	0:02	16.2	S	0.40	92	18.80	18.80	33.17	33.24	8.25	8.25	95.4	95.4	7.29	7.30	7.53	3.2	3.2	4.1	9.0	9.3	9.9	
						0.43	98	18.80	18.80	33.30	33.48	8.25	8.26	95.4	96.4	7.30	7.77		3.1	4.1		9.6	9.7		
						0.40	94	18.80	18.80	33.49	33.46	8.26	8.26	95.4	96.4	8.24	7.77		4.2	4.1		9.3	10.0		
					M	0.40	101	18.80	18.80	33.46	33.46	8.25	8.25	97.4	97.2	7.29	7.29		4.1	5.0		5.0	10.4		10.8
						0.30	90	18.80	18.80	33.46	33.46	8.25	8.25	97.4	97.2	7.29	7.29		5.0	5.1		11.2	10.8		
						0.31	91	18.80	18.80	33.46	33.46	8.25	8.25	96.9	97.2	7.29	7.29		5.1	5.0		11.2	10.8		
IM7	Misty	Rough	23:49	12.8	S	0.30	87	18.80	18.80	33.46	33.46	8.27	8.27	95.4	95.5	7.29	7.29	7.30	3.3	3.3	4.2	9.5	9.1	10.9	
						0.31	94	18.80	18.80	33.46	33.47	8.27	8.26	95.5	95.6	7.30	7.30		3.2	4.0		8.6	10.9		
						0.30	88	18.80	18.80	33.46	33.47	8.27	8.26	95.5	95.6	7.30	7.30		4.0	4.0		10.9	10.9		
					M	0.31	89	18.80	18.80	33.48	33.48	8.25	8.25	95.6	95.7	7.30	7.31		4.1	5.3		5.3	13.3		12.7
						0.30	96	18.80	18.80	33.48	33.48	8.25	8.25	95.6	95.7	7.30	7.31		5.3	5.4		12.1	12.7		
						0.33	102	18.80	18.80	33.48	33.48	8.25	8.25	95.8	95.7	7.32	7.31		5.4	5.3		12.1	12.7		
IM8	Misty	Rough	23:36	14.0	S	0.30	96	18.80	18.80	33.46	33.46	8.26	8.26	96.9	97.0	7.32	7.33	7.33	3.1	3.1	4.4	10.7	10.3	11.6	
						0.31	105	18.80	18.80	33.46	33.46	8.26	8.26	97.1	97.4	7.33	7.33		3.1	4.8		9.9	11.0		
						0.30	87	18.80	18.80	33.46	33.46	8.27	8.26	97.2	97.4	7.29	7.33		4.8	4.8		10.4	11.0		
					M	0.31	87	18.80	18.80	33.46	33.46	8.27	8.26	97.5	97.4	7.36	7.33		4.8	5.2		5.2	11.6		13.4
						0.30	100	18.80	18.80	33.46	33.46	8.27	8.27	97.5	96.5	7.36	7.33		5.2	5.2		12.9	13.4		
						0.32	103	18.80	18.80	33.46	33.46	8.27	8.27	95.4	96.5	7.29	7.33		5.2	5.2		13.8	13.4		
IM9	Misty	Rough	23:14	14.8	S	0.30	111	18.80	18.80	33.48	33.48	8.25	8.25	95.9	95.9	7.32	7.33	7.33	3.4	3.4	4.4	8.6	9.1	10.7	
						0.32	118	18.80	18.80	33.47	33.47	8.25	8.25	95.9	96.1	7.33	7.34		3.4	4.4		9.5	11.1		
						0.30	122	18.70	18.70	33.47	33.47	8.25	8.25	96.1	96.1	7.34	7.34		4.4	4.4		11.6	11.1		
					M	0.32	122	18.70	18.70	33.46	33.47	8.25	8.25	96.1	96.1	7.34	7.35		4.4	5.5		5.5	10.6		11.1
						0.30	118	18.70	18.70	33.47	33.47	8.25	8.25	96.2	96.2	7.35	7.35		5.5	5.5		11.2	11.9		
						0.32	118	18.70	18.70	33.46	33.47	8.25	8.25	96.2	96.2	7.35	7.35		5.6	5.5		12.5	11.9		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/14

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F3	Misty	Rough	9:07	17.0	S	0.40	255	19.30	19.30	33.53	33.53	8.25	8.25	97.1	97.2	7.36	7.36	7.37	3.4	3.4	4.4	9.5	9.1	7.9
						0.40	271	19.30	19.30	33.53	33.53	8.25	8.25	97.2	97.2	7.36	7.36		3.5			3.4		
					M	0.30	248	19.30	19.30	33.54	33.54	8.25	8.25	97.3	97.4	7.37	7.38		4.0	4.0		7.2	7.5	
						0.32	258	19.30	19.30	33.54	33.54	8.25	8.25	97.4	97.4	7.38	7.38		4.0			7.8		
					B	0.30	241	19.30	19.30	33.54	33.51	8.24	8.24	97.7	97.8	7.40	7.41		5.9	5.9		7.5	7.1	
						0.31	265	19.30	19.30	33.48	33.48	8.24	8.24	97.9	97.8	7.42	7.41		5.9			6.7		
IM6	Misty	Rough	9:15	15.4	S	0.30	266	19.30	19.30	33.52	33.53	8.23	8.24	96.0	96.3	7.27	7.29	7.31	3.8	3.8	4.9	9.4	9.2	7.8
						0.31	286	19.30	19.30	33.53	33.53	8.24	8.24	96.5	97.0	7.30	7.34		3.8			9.0		
					M	0.30	257	19.30	19.30	33.53	33.53	8.26	8.26	96.5	97.0	7.30	7.34		4.9	4.9		7.3	7.4	
						0.30	259	19.30	19.30	33.53	33.53	8.26	8.26	97.5	97.0	7.37	7.34		4.9			7.5		
					B	0.30	233	19.30	19.30	33.53	33.53	8.25	8.25	97.7	97.2	7.38	7.35		6.0	6.0		6.5	6.9	
						0.33	246	19.30	19.30	33.53	33.53	8.25	8.25	96.6	97.2	7.32	7.35		6.0			7.2		
IM7	Misty	Rough	9:33	12.2	S	0.30	234	19.30	19.30	33.56	33.56	8.24	8.24	96.2	96.2	7.28	7.28	7.29	4.2	4.2	5.1	8.4	8.3	7.0
						0.32	236	19.30	19.30	33.56	33.56	8.24	8.24	96.2	96.2	7.28	7.28		4.2			8.2		
					M	0.30	228	19.30	19.30	33.56	33.56	8.24	8.26	96.2	96.2	7.29	7.29		5.1	5.1		7.5	7.6	
						0.32	230	19.30	19.30	33.56	33.56	8.28	8.26	96.2	96.2	7.29	7.29		5.1			7.7		
					B	0.30	219	19.00	18.95	33.84	33.87	8.28	8.26	96.3	96.2	7.29	7.28		6.1	6.1		9.2	5.1	
						0.33	230	18.90	18.95	33.90	33.90	8.23	8.26	96.0	96.2	7.26	7.28		6.1			1.0		
IM8	Misty	Rough	9:27	13.6	S	0.30	217	19.20	19.20	33.56	33.56	8.28	8.26	96.0	96.0	7.27	7.27	7.28	4.8	5.3	5.7	8.7	8.4	7.6
						0.31	235	19.20	19.20	33.56	33.56	8.23	8.23	96.0	96.0	7.27	7.28		5.8			8.0		
					M	0.20	229	19.20	19.20	33.58	33.58	8.23	8.23	96.1	96.1	7.28	7.28		5.9	5.9		7.2	7.1	
						0.20	246	19.20	19.20	33.58	33.58	8.23	8.23	96.1	96.1	7.28	7.28		5.9			7.0		
					B	0.20	234	19.20	19.20	33.58	33.58	8.23	8.23	96.1	96.1	7.28	7.28		6.0	5.9		7.4	7.2	
						0.20	243	19.20	19.20	33.58	33.58	8.23	8.23	96.1	96.1	7.28	7.28		6.0			7.0		
IM9	Misty	Rough	9:50	13.8	S	0.30	268	19.30	19.30	33.42	33.43	8.28	8.28	95.9	95.9	7.26	7.26	7.26	4.8	4.6	5.5	8.0	7.6	8.8
						0.31	283	19.30	19.30	33.43	33.43	8.28	8.28	95.9	95.9	7.26	7.26		4.4			7.1		
					M	0.30	272	19.30	19.30	33.49	33.49	8.23	8.23	95.9	95.9	7.26	7.26		5.9	5.9		9.7	9.4	
						0.31	298	19.30	19.30	33.49	33.49	8.23	8.23	95.9	95.9	7.26	7.26		5.9			9.1		
					B	0.30	277	19.30	19.30	33.51	33.51	8.24	8.26	95.9	95.9	7.26	7.26		6.0	6.1		9.5	9.3	
						0.33	297	19.30	19.30	33.51	33.51	8.28	8.26	95.9	95.9	7.26	7.26		6.1			9.1		

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/14

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	Cloudy	Calm	21:25	6.7	S	0.44	167	19.16	19.17	32.92	32.93	8.06	8.06	90.4	90.5	6.87	6.88	6.85	4.3	4.4	5.6	6.1	5.9	6.9			
						0.19	153	19.18		32.93		8.06		90.5		6.88			4.4			5.6					
						0.31	160	19.26		33.01		8.06		89.9		6.82			6.3			5.9					
					M	0.10	170	19.26	33.01	33.01	8.06	8.06	89.8	89.9	6.81	6.82	6.2		6.3	6.0		6.2	6.3		6.1	6.3	6.1
						0.25	281	19.27	33.02		8.07		90.8		6.89		6.0			8.7							
						0.43	301	19.27	33.02		8.06		90.2		6.84		6.4			8.5							
IM15	Cloudy	Calm	22:41	7.4	S	0.16	217	19.58	19.58	33.95	33.95	8.26	8.26	94.9	94.9	7.12	7.12	7.11	5.9	5.9	5.9	6.0	6.5	7.0			
						0.25	172	19.58		33.95		8.26		94.8		7.11			5.8			6.9					
						1.01	226	19.59		33.96		8.25		94.8		7.11			5.9			7.2					
					M	0.15	207	19.59	33.96	33.96	8.25	8.25	94.7	94.8	7.10	7.11	6.1		6.0	7.0		7.1	7.0		7.1		
						0.42	200	19.58	33.97		8.24		95.0		7.12		5.7			7.4							
						0.60	205	19.59	33.97		8.24		94.7		7.10		5.9			7.6							
IM16A	Cloudy	Calm	22:12	8.1	S	0.17	113	19.11	19.11	33.80	33.80	8.20	8.21	95.4	95.4	7.22	7.22	7.22	9.4	9.8	9.6	14.6	15.1	13.0			
						0.17	113	19.11		33.80		8.21		95.3		7.22			10.2			15.5					
						0.09	155	19.11		33.81		8.19		95.4		7.22			9.9			9.2					
					M	0.39	201	19.10	33.81	33.81	8.19	8.19	95.2	95.3	7.21	7.22	9.7		9.8	9.7		9.5	9.7		9.5		
						0.76	85	19.09	33.81		8.18		95.8		7.26		9.1			14.1							
						0.72	72	19.10	33.81		8.18		95.5		7.23		9.2			15.0							
IM17	Cloudy	Calm	21:51	5.4	S	0.35	313	19.07	19.07	33.50	33.51	8.15	8.15	94.8	94.8	7.20	7.20	7.20	5.8	5.8	6.1	5.3	5.8	7.2			
						0.32	148	19.07		33.51		8.15		94.8		7.20			5.8			6.2					
						0.07	43	19.08		33.53		8.13		95.0		7.21			6.4			9.1					
					B	0.24	163	19.08	33.53	33.53	8.14	8.14	94.9	95.0	7.20	7.21	6.2		6.3	8.2		8.7	8.2		8.7		

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: 2022/01/14

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F5	Cloudy	Calm	11:32	5.3	S	0.23	360	19.51	19.53	33.95	33.95	8.29	8.30	94.8	94.8	7.12	7.12	7.12	7.12	8.8	8.8	9.3	8.9	9.6
						0.28	250	19.54		33.95		8.30		94.8		7.12		8.8		8.5				
						0.55	36	19.49		33.95		8.27		95.8		7.20		9.3		9.9				
					B	0.14	155	19.49	19.49	33.95	33.95	8.28	8.28	95.0	95.4	7.14	7.17	7.17	7.17	9.6	9.5	10.8	10.4	
						0.19	321	19.17		33.70		8.27		93.9		7.11		6.5		8.3				
						0.19	321	19.17		33.69		8.27		93.8		7.10		6.5		7.6				
IM15	Cloudy	Calm	11:04	7.4	S	0.23	266	19.18	19.20	33.72	33.75	8.25	8.26	93.8	93.8	7.10	7.09	7.10	7.10	6.6	6.8	8.3	7.9	7.6
						0.23	238	19.22		33.78		8.26		93.7		7.08		7.0		7.5				
						0.15	276	19.22		33.79		8.24		94.1		7.11		7.3		7.2				
					M	0.26	169	19.22	19.22	33.79	33.79	8.25	8.25	93.8	94.0	7.09	7.10	7.10	7.10	7.1	7.2	6.8	7.0	
						0.43	63	19.15		33.44		8.21		92.7		7.03		6.9		6.8				
						0.52	258	19.15		33.44		8.21		92.8		7.04		6.9		6.6				
IM16A	Cloudy	Calm	10:41	7.3	S	0.08	155	19.16	19.16	33.45	33.45	8.19	8.20	92.7	92.7	7.03	7.03	7.03	7.03	7.2	7.2	7.8	7.6	7.3
						0.44	274	19.16		33.45		8.20		92.6		7.02		7.1		7.4				
						0.51	67	19.16		33.46		8.15		94.0		7.13		7.0		7.4				
					B	0.44	88	19.16	19.16	33.45	33.46	8.17	8.16	93.0	93.5	7.05	7.09	7.09	7.09	7.3	7.2	7.9	7.7	
						0.50	312	19.15		32.47		8.04		89.5		6.83		5.4		9.1				
						0.50	312	19.16		32.46		8.05		89.6		6.83		5.5		8.6				
IM17	Cloudy	Calm	10:20	5.0	S	0.09	84	19.15	19.15	32.46	32.47	8.02	8.02	91.1	90.6	6.95	6.91	6.91	6.91	19.1	19.7	11.0	10.8	9.8
						0.09	84	19.15		32.47		8.02		90.0		6.86		20.2		10.5				
					B	0.50	312	19.15		32.47		8.04		89.5		6.83		5.4		9.1				
						0.50	312	19.16		32.46		8.05		89.6		6.83		5.5		8.6				

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: 2022/01/17

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*	
E2	Cloudy	Moderate	11:29	8.7	S	0.81	33	19.33	19.33	33.69	33.69	8.19	8.20	96.7	96.7	7.30	7.30	7.29	3.4	3.4	3.8	4.4	4.3	5.2	
						0.81	33	19.33		33.69		8.20		96.7		7.30			3.4			4.1			
						0.76	171	19.31		33.71		8.19		96.4		7.28			3.4			5.2			
					M	0.76	171	19.32	33.70	33.71	8.19	8.19	96.5	96.5	7.28	7.28	3.3		3.4	5.1					
						0.77	178	19.29	33.77		8.18		96.2		7.26		4.6		6.2						
						0.77	178	19.29	33.77		8.18		95.9		7.24		4.7		6.2						
IM3	Cloudy	Moderate	10:04	15.3	S	1.36	260	19.40	19.41	33.72	33.72	8.16	8.17	96.0	96.7	7.23	7.28	7.27	4.5	4.6	7.0	5.7	6.0	13.0	
						1.36	260	19.41		33.72		8.17		97.3		7.33			4.7			6.2			
						0.39	263	19.36		33.72		33.72		8.15		8.15			96.1			96.1			7.25
					M	0.87	256	19.36	33.72	8.15	96.1		7.25	6.2	8.8										
						0.48	260	19.36	33.72	8.13	96.7		7.29	9.1	24.5										
						B	0.48	260	19.36	33.72	8.15	95.8	7.22	10.9	23.8										
IM4	Cloudy	Moderate	10:27	16.2	S		0.58	233	19.04	19.04	33.67	33.67	8.21	8.22	98.2	98.3	7.45	7.46	7.40	4.0	4.0	6.4	5.0	5.1	8.5
							0.58	233	19.04		33.67		8.22		98.3		7.46			3.9			5.2		
						0.42	240	19.04	33.68		33.68		8.20		8.20		96.9			96.8			7.35		
					M	0.52	359	19.04	33.68	8.20		96.7	7.34	5.1		6.3									
						0.32	76	19.09	33.70	33.70		8.18	8.18	96.5		96.3	7.31	7.30			9.7		10.1	13.8	
						B	0.32	76	19.09		33.70	8.18		96.1	7.28		10.4			14.0					
IM5	Cloudy	Moderate	11:05	15.2	S		0.32	29	18.99		18.99	33.67		33.67	8.23		8.23		97.5	97.5	7.41	7.41	7.37	3.7	4.0
							0.32	29	18.99	33.67		8.23	97.5		7.41	4.2		4.8							
						0.36	159	18.98	33.68	33.68		8.22	8.22		96.6	96.5		7.34	7.33		5.4			5.3	
					M	0.78	111	18.98	33.68		8.22	96.4		7.32	5.2		8.7								
						1.36	299	19.01	33.69		33.69	8.21		8.21	96.5		96.4	7.33		7.32	10.7	11.2		15.9	
						B	0.49	16	19.01	33.69		8.21	96.2		7.30	11.7		15.8							
IM6	Cloudy	Moderate	10:50	13.8	S		0.06	135	18.65	18.65		33.54	33.54		8.24	8.24		98.4	98.4		7.53	7.53	7.52	4.7	4.7
							0.80	110	18.65		33.54	8.24		98.4	7.53		4.7	6.8							
						0.70	273	18.65	33.55		33.55	8.23		8.23	98.1		98.2	7.50		7.51	5.1			5.1	
					M	0.70	273	18.65	33.55	8.23		98.2	7.51		5.0	7.1									
						0.80	272	18.65	33.55	33.55		8.22	8.22		98.0	98.0		7.50	7.50		6.5	6.2		8.9	
						B	0.93	260	18.65		33.55	8.22		97.9	7.49		5.8	8.7							

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/17

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*
								F2	Cloudy	Moderate	15:00	19.1	S	0.15	349	18.65	18.65	33.56	33.57	8.22	8.23	98.3	98.4	7.52
0.15	349	18.65	18.65	33.57	33.57	8.22	8.23							98.5	98.4	7.53	7.53	3.2	3.4	5.3				
0.50	125	18.65	18.65	33.57	33.57	8.22	8.22							97.9	97.9	7.49	7.49	3.7	3.7	6.3				
M	0.73	238	18.65	18.65	33.57	33.57	8.22						8.22	97.9	97.9	7.49	7.49	3.7	3.7	6.1	6.2			
	0.23	316	18.65	18.65	33.57	33.57	8.23						8.23	97.7	97.6	7.47	7.46	6.3	6.2	8.4				
	0.23	316	18.65	18.65	33.57	33.57	8.22						8.23	97.4	97.6	7.45	7.46	6.0		8.8				
F3	Cloudy	Moderate	15:38	17.2	S	0.25	341	18.62	18.62	33.53	33.53	8.24	8.25	98.8	98.9	7.56	7.57	7.55		3.0	3.2	4.2	3.3	3.5
						0.25	341	18.62	18.62	33.53	33.53	8.25	8.25	99.0	98.4	7.58	7.53		3.4	3.4	3.6			
						0.43	263	18.62	18.62	33.53	33.53	8.22	8.23	98.3	98.4	7.52	7.53		3.5		5.4			
					M	0.58	295	18.62	18.62	33.53	33.53	8.23	8.23	98.5	98.4	7.54	7.53	3.2	5.1					
						1.25	225	18.62	18.62	33.53	33.53	8.22	8.22	98.0	97.9	7.50	7.49	5.7	6.0	7.8				
						1.25	225	18.62	18.62	33.53	33.53	8.22	8.22	97.7	97.9	7.48	7.49	6.3		7.4				
IM3	Cloudy	Moderate	16:50	15.3	S	0.42	293	19.20	19.21	33.69	33.69	8.23	8.24	98.6	98.9	7.46	7.48	7.46		2.4	2.4	3.3	4.2	4.1
						0.42	293	19.21	19.21	33.69	33.69	8.24	8.24	99.1	98.9	7.49	7.48		2.4	2.6	3.9			
						0.94	313	19.18	19.17	33.69	33.69	8.21	8.22	98.3	98.4	7.44	7.45		2.6		5.1			
					M	0.92	240	19.16	19.17	33.68	33.69	8.23	8.22	98.5	98.4	7.46	7.45	2.6	5.6					
						0.55	44	19.20	19.20	33.71	33.71	8.21	8.21	97.6	97.4	7.38	7.37	4.9	4.8	7.6				
						1.20	293	19.19	19.20	33.71	33.71	8.21	8.21	97.2	97.4	7.35	7.37	4.6		7.8				
IM4	Cloudy	Moderate	16:26	16.8	S	0.43	249	19.23	19.23	33.66	33.66	8.21	8.21	96.7	96.8	7.31	7.32	7.33		3.1	3.2	4.4	6.4	6.5
						0.40	203	19.23	19.23	33.66	33.66	8.21	8.21	96.8	96.8	7.32	7.32		3.2	3.2	6.5			
						0.66	203	19.18	19.19	33.66	33.66	8.22	8.22	97.2	97.1	7.36	7.35		3.2		5.6			
					M	0.54	23	19.20	19.19	33.66	33.66	8.21	8.22	96.9	97.1	7.33	7.35	3.2	5.9					
						0.50	206	19.04	19.04	33.65	33.65	8.22	8.22	97.3	97.2	7.38	7.38	6.9	6.8	4.6				
						0.50	206	19.04	19.04	33.65	33.65	8.22	8.22	97.1	97.2	7.37	7.38	6.6		5.0				
IM5	Cloudy	Moderate	16:05	15.1	S	0.58	321	18.83	18.83	33.61	33.61	8.24	8.25	97.5	97.6	7.43	7.44	7.42		4.0	4.0	4.8	6.7	6.7
						0.58	321	18.83	18.83	33.61	33.61	8.25	8.25	97.6	97.6	7.44	7.44		3.9	4.3	6.7			
						0.48	163	18.83	18.84	33.61	33.62	8.23	8.23	97.1	97.2	7.40	7.41		4.3		8.3			
					M	0.60	315	18.84	18.84	33.62	33.62	8.23	8.23	97.2	97.2	7.41	7.41	4.3	8.1					
						0.27	45	18.85	18.85	33.62	33.62	8.22	8.22	96.9	96.8	7.38	7.37	6.5	6.0	9.4				
						0.27	45	18.85	18.85	33.62	33.62	8.22	8.22	96.6	96.8	7.36	7.37	5.5		9.6				
IM6	Cloudy	Moderate	15:51	14.0	S	0.63	282	18.73	18.73	33.57	33.57	8.24	8.24	97.7	97.8	7.46	7.47	7.45		5.8	5.8	8.3	8.1	8.0
						0.63	282	18.73	18.73	33.57	33.57	8.24	8.24	97.9	97.8	7.48	7.47		5.7	7.6	7.9			
						0.58	144	18.74	18.74	33.58	33.58	8.23	8.24	97.3	97.3	7.43	7.43		7.6		9.9			
					M	0.54	335	18.74	18.74	33.58	33.58	8.24	8.24	97.3	97.3	7.43	7.43	7.6	10.2					
						0.72	198	18.74	18.74	33.58	33.58	8.21	8.22	97.5	97.4	7.44	7.43	12.1	11.7	18.5				
						0.72	198	18.74	18.74	33.58	33.58	8.22	8.22	97.2	97.4	7.42	7.43	11.2		18.8				

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/17

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	Cloudy	Rough	12:08	16.7	S	0.56	98	18.20	18.20	33.01	33.02	8.25	8.25	96.0	96.0	7.43	7.43	7.41	6.1	6.2	6.4	9.6	9.7	10.4
						0.61	103	18.20		33.02		8.25		96.0		7.42			6.2			9.8		
						0.46	74	18.30		33.07		8.24		95.7		7.39			6.5			10.0		
					M	0.48	78	18.30	18.30	33.07	33.07	8.24	8.24	95.7	95.7	7.39	7.39		6.6	10.0				
						0.39	55	18.40		33.10		8.23		97.1		7.49			6.5	11.5				
						0.41	59	18.40		33.11		8.23		97.3		7.51			6.5	11.8				
IM6	Cloudy	Rough	13:17	16.1	S	0.43	73	17.90	17.90	32.87	32.87	8.26	8.26	97.6	97.6	7.61	7.61	7.59	2.9	2.9	5.7	6.3	6.4	8.0
						0.45	77	17.90		32.87		8.26		97.6		7.61			6.5					
						0.21	64	17.90		32.87		8.26		97.0		7.57			5.4			8.7		
					M	0.23	65	17.90	17.90	32.87	32.87	8.26	8.26	97.0	97.0	7.56	7.57		5.5	8.7				
						0.33	59	17.90		32.87		8.25		97.8		7.63			8.9					
						0.33	62	17.90		32.87		8.25		98.0		7.64			9.0					
IM7	Cloudy	Rough	12:54	12.5	S	0.26	77	17.90	17.90	32.87	32.87	8.26	8.26	97.3	97.3	7.58	7.58	7.58	3.2	3.2	3.9	7.8	7.8	9.6
						0.27	78	17.90		32.87		8.26		97.2		7.58			3.3			7.7		
						0.45	101	17.80		32.87		8.26		97.1		7.57			4.0			8.5		
					M	0.48	101	17.80	17.80	32.87	32.87	8.26	8.26	97.1	97.1	7.57	7.57		4.1	8.2				
						0.23	135	17.80		32.83		8.25		97.7		7.62			4.3	12.5				
						0.24	138	17.80		32.83		8.25		97.9		7.64			4.7	12.6				
IM8	Cloudy	Rough	13:02	14.8	S	0.30	74	17.90	17.90	32.89	32.89	8.26	8.26	97.3	97.3	7.58	7.58	7.57	3.3	3.3	4.1	6.1	6.2	7.0
						0.33	81	17.90		32.89		8.26		97.2		7.57			3.3			6.2		
						0.35	126	17.90		32.89		8.26		97.1		7.57			3.0			7.1		
					M	0.37	136	17.90	17.90	32.89	32.89	8.26	8.26	97.2	97.2	7.57	7.57		3.1	7.2				
						0.22	109	17.90		32.89		8.25		97.7		7.61			5.6	7.4				
						0.23	113	17.90		32.89		8.25		97.8		7.62			6.2	7.8				
IM9	Cloudy	Rough	12:33	14.8	S	0.24	145	18.20	18.20	33.02	33.02	8.25	8.25	96.6	96.6	7.48	7.48	7.47	5.1	5.1	5.8	10.3	10.1	7.9
						0.25	159	18.20		33.02		8.25		96.6		7.47			5.1			9.9		
						0.27	135	18.20		33.02		8.25		96.6		7.47			6.0			7.2		
					M	0.27	144	18.20	18.20	33.02	33.02	8.25	8.25	96.6	96.6	7.47	7.47		6.1	6.8				
						0.18	104	18.20		33.00		8.24		98.3		7.61			6.3	6.6				
						0.18	114	18.20		33.01		8.24		98.7		7.65			6.3	6.6				

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/17

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*
F3	Cloudy	Rough	6:08	16.9	S	0.32	283	17.80	17.80	32.95	32.96	8.23	8.23	97.4	97.4	7.59	7.59	7.58	3.9	4.0	3.9	7.6	7.6	
						0.32	291	17.80		32.96		8.23		97.4		7.59			4.0			7.6		
						0.41	315	17.80		32.97		8.24		97.1		7.57			3.7			7.2		
					M	0.43	328	17.80	17.80	32.97	32.97	8.24	8.24	97.1	97.1	7.57	7.57		3.7	7.2				
						0.36	290	17.80		32.97		8.24		97.3		7.58			4.1	7.1				
						0.37	310	17.80		32.97		8.24		97.4		7.59			4.1	7.1				
IM6	Cloudy	Rough	6:16	16.6	S	0.28	291	17.90	17.90	32.98	32.98	8.24	8.24	97.1	97.1	7.56	7.56	7.55	3.0	3.0	3.4	10.2	10.3	
						0.30	306	17.90		32.98		8.24		97.1		7.56			3.0			10.4		
						0.38	293	17.90		32.97		8.24		96.9		7.54			3.1			7.7		
					M	0.38	312	17.90	17.90	32.97	32.97	8.24	8.24	96.9	96.9	7.54	7.54		3.1	7.9				
						0.40	311	17.90		32.97		8.25		97.1		7.56			4.1	7.0				
						0.41	332	17.90		32.97		8.25		97.2		7.57			4.0	7.1				
IM7	Cloudy	Rough	6:35	12.8	S	0.45	273	17.90	17.90	32.95	32.95	8.25	8.25	97.0	97.0	7.56	7.56	7.56	4.6	4.6	4.8	9.6	9.8	
						0.49	281	17.90		32.95		8.25		96.9		7.56			4.6			9.9		
						0.50	275	17.90		32.95		8.25		97.1		7.56			5.0			6.9		
					M	0.54	301	17.90	17.90	32.95	32.95	8.25	8.25	97.1	97.1	7.57	7.57		5.0	7.1				
						0.31	287	17.80		32.98		8.28		98.1		7.65			5.0	7.2				
						0.33	295	17.80		33.00		8.28		98.2		7.66			4.9	6.8				
IM8	Cloudy	Rough	6:28	14.8	S	0.47	286	17.90	17.90	32.96	32.96	8.24	8.24	96.9	96.9	7.54	7.54	7.54	3.6	3.6	4.7	6.6	6.6	
						0.51	300	17.90		32.96		8.24		96.8		7.54			3.6			6.5		
						0.44	276	17.90		32.96		8.24		96.7		7.53			4.4			6.8		
					M	0.45	300	17.90	17.90	32.96	32.96	8.24	8.24	96.7	96.7	7.53	7.53		4.5	6.9				
						0.37	276	17.90		32.96		8.26		97.1		7.56			5.9	7.3				
						0.38	278	17.90		32.96		8.26		97.3		7.58			5.9	7.2				
IM9	Cloudy	Rough	6:52	15.4	S	0.46	283	18.10	18.10	33.02	33.02	8.25	8.25	96.9	96.9	7.51	7.51	7.51	8.3	8.5	12.0	9.3	9.2	
						0.47	305	18.10		33.02		8.25		96.8		7.51			8.7			9.0		
						0.42	296	18.00		33.01		8.25		96.6		7.50			12.2			8.3		
					M	0.46	306	18.00	18.00	33.01	33.01	8.25	8.25	96.6	96.6	7.50	7.50		12.2	8.1				
						0.40	300	18.00		32.99		8.26		96.7		7.51			15.7	7.3				
						0.42	301	18.00		32.98		8.26		96.8		7.51			15.4	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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2022/01/17

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	Cloudy	Calm	12:04	6.1	S	0.37	11	19.71	19.71	31.77	31.77	8.00	8.00	92.3	92.8	7.00	7.03	6.94	4.5	4.5	6.5	4.6	4.7	7.1
						0.37	11	19.71		31.76		8.00		93.2		7.06			4.5			4.7		
					M	0.05	301	19.64	19.64	32.37	32.39	7.98	7.99	90.4	90.5	6.84	6.84		6.7	6.4		6.5	6.6	
						0.40	44	19.64		32.40		7.99		90.5		6.84			6.1			6.5		
					B	0.31	297	19.62	19.62	32.60	32.60	7.95	7.96	91.2	90.8	6.89	6.86		8.5	8.5		9.9	10.2	
						0.43	25	19.62		32.60		7.96		90.4		6.83			8.4			10.4		
IM15	Cloudy	Calm	13:15	7.0	S	0.23	6	19.76	19.77	32.54	32.54	8.17	8.18	96.6	96.7	7.28	7.29	7.24	4.9	4.6	6.7	4.4	4.4	8.4
						0.23	6	19.77		32.54		8.18		96.7		7.29			4.2			4.4		
					M	0.32	197	19.72	19.72	33.30	33.30	8.21	8.21	95.8	95.8	7.19	7.19		7.7	7.7		10.2	10.2	
						0.14	339	19.72		33.30		8.21		95.8		7.19			7.7			10.2		
					B	0.31	163	19.69	19.69	33.33	33.33	8.20	8.20	96.8	96.4	7.27	7.24		7.6	7.8		10.6	10.6	
						0.39	191	19.69		33.33		8.20		96.0		7.21			8.0			10.6		
IM16A	Cloudy	Calm	12:47	7.0	S	0.50	114	19.72	19.72	32.79	32.80	8.18	8.18	98.9	98.9	7.45	7.45	7.38	7.3	7.5	9.8	5.2	5.7	9.4
						0.50	114	19.71		32.81		8.18		98.8		7.44			7.6			6.1		
					M	0.14	251	19.64	19.65	32.89	32.88	8.15	8.16	97.0	97.1	7.31	7.32		8.8	8.8		10.4	10.0	
						0.14	251	19.65		32.87		8.16		97.2		7.33			8.8			9.6		
					B	0.50	114	19.59	19.59	33.03	33.03	8.13	8.13	96.5	96.3	7.28	7.27		13.6	13.0		12.7	12.6	
						0.38	133	19.59		33.02		8.13		96.1		7.25			12.4			12.4		
IM17	Cloudy	Calm	12:29	5.0	S	0.35	92	19.52	19.52	32.11	32.11	8.06	8.06	93.4	93.6	7.09	7.10	7.10	7.8	7.8	8.4	9.4	9.3	9.5
						0.63	39	19.52		32.10		8.06		93.7		7.11			7.7			9.2		
					B	0.25	150	19.45	19.45	32.11	32.11	8.05	8.05	94.2	93.7	7.16	7.12		9.0	9.0		9.8	9.6	
						0.11	188	19.45		32.11		8.05		93.2		7.08			8.9			9.4		

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: 2022/01/17

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
F5	Cloudy	Calm	16:51	5.0	S	0.19	35	19.67	19.67	32.85	32.86	8.18	8.18	96.4	96.5	7.26	7.27	7.27	5.7	5.7	5.8	5.8	6.8			
						0.30	84	19.67		32.86		8.18		96.6		7.28		5.6	5.8							
					B	0.36	50	19.68	19.68	33.19	33.20	8.18	8.18	96.8	96.4	7.28	7.25	7.25	6.1	6.2	6.1	6.2		5.9	5.9	7.9
						0.36	50	19.68		33.20		8.18		95.9		7.21		6.3	6.2		7.8					
IM15	Cloudy	Calm	16:25	7.1	S	0.20	265	19.69	19.70	32.56	32.56	8.16	8.16	98.4	98.4	7.43	7.43	7.42	5.9	6.0	6.0	6.0	7.2	7.5		
						0.35	41	19.70		32.56		8.16		98.3		7.42		6.0	6.0		7.1					
					M	0.13	262	19.72	19.73	32.59	32.59	8.15	8.16	98.2	98.2	7.41	7.41	7.42	7.42	5.9	5.9	5.9	5.9		7.2	
						0.13	353	19.73		32.59		8.16		98.1		7.40		5.9		7.3						
					B	0.33	312	19.76	19.74	32.87	32.76	8.15	8.15	98.3	98.2	7.39	7.39	7.39	7.39	6.2	6.1	6.2	6.1		8.1	
						0.43	158	19.72		32.64		8.15		98.0		7.39		5.9		7.9						
IM16A	Cloudy	Calm	16:05	7.1	S	0.24	211	19.65	19.66	31.62	31.67	8.10	8.11	97.9	98.2	7.43	7.45	7.29	5.3	5.3	5.3	5.3	4.5	5.4		
						0.24	211	19.67		31.71		8.11		98.5		7.47		5.2	4.5							
					M	0.09	53	19.57	19.58	32.69	32.64	8.08	8.09	94.1	94.4	7.11	7.13	7.13	7.13	6.8	6.6	6.6	6.6		5.6	
						0.56	219	19.59		32.59		8.09		94.6		7.15		6.4		6.6		4.8				
					B	0.05	31	19.57	19.57	32.64	32.65	8.06	8.07	94.6	94.5	7.15	7.14	7.14	7.14	6.8	6.7	6.8	6.7		6.2	
						0.38	98	19.57		32.65		8.07		94.3		7.13		6.6		6.9						
IM17	Cloudy	Calm	15:45	5.0	S	0.54	305	19.62	19.62	31.41	31.41	7.99	7.99	94.8	95.1	7.21	7.23	7.23	4.4	4.4	4.4	4.4	3.8			
						0.54	305	19.62		31.41		7.99		95.3		7.25		4.3	4.1							
					B	0.03	15	19.60	19.60	31.58	31.59	7.95	7.96	94.0	93.7	7.15	7.12	7.12	7.12	6.2	5.7	6.2	5.7	4.9		
						0.44	293	19.60		31.60		7.96		93.3		7.09		5.2		5.6						

Remark: * DA: Depth-Averaged

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

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/19

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*
E2	Fine	Calm	12:49	8.6	S	0.43	272	19.09	19.09	33.45	33.46	8.17	8.17	97.5	97.6	7.40	7.41	7.41	3.7	3.6	7.41	4.8	4.7	5.4
						0.58	140	19.09		33.47		8.17		97.6		7.41			3.4			4.6		
						0.57	341	18.92		33.34		8.16		97.5		7.43			4.2			5.5		
					M	0.24	34	18.93	18.93	33.34	33.34	8.16	8.16	97.2	97.4	7.41	7.42	4.7	4.5	4.3	5.2			
						1.10	176	18.91		33.35		8.16		99.8		7.61		4.9		6.4				
						1.10	176	18.90		33.36		8.16		98.5		7.51		5.0		6.1				
IM3	Fine	Calm	11:32	14.9	S	0.87	204	19.04	19.05	33.43	33.43	8.15	8.15	95.2	94.9	7.23	7.21	7.27	4.8	4.6	8.3	7.4	7.4	12.6
						0.70	91	19.05		33.43		8.15		94.6		7.19			4.3			7.3		
						0.76	291	18.93		33.47		8.17		96.5		7.35			6.7			12.2		
					M	0.21	329	18.94	18.94	33.47	33.47	8.17	8.17	95.8	96.2	7.29	7.32	7.4	7.1	8.3	11.9			
						0.66	304	18.89		33.43		8.16		99.3		7.57		14.0		18.2				
						1.00	132	18.91		33.44		8.16		98.0		7.46		12.4		18.6				
IM4	Fine	Calm	11:52	16.6	S	0.49	6	18.92	18.92	33.45	33.45	8.21	8.21	99.0	99.0	7.54	7.54	7.55	3.8	3.8	4.5	4.7	4.9	6.5
						0.51	273	18.92		33.45		8.21		99.0		7.54			3.7			5.0		
						0.34	138	18.64		33.39		8.22		98.9		7.57			4.0			6.4		
					M	0.32	247	18.66	18.65	33.40	33.40	8.22	8.22	98.6	98.8	7.55	7.56	3.8	3.9	4.5	6.2			
						0.18	44	18.61		33.40		8.21		100.5		7.70		5.9		8.5				
						0.18	44	18.61		33.40		8.21		99.6		7.63		6.0		8.1				
IM5	Fine	Calm	12:27	15.3	S	0.27	23	19.28	19.19	33.47	33.47	8.20	8.21	99.5	99.4	7.53	7.53	7.54	3.3	3.3	4.8	3.5	3.6	6.7
						0.27	23	19.09		33.46		8.21		99.2		7.53			3.2			3.7		
						0.37	157	18.45		33.39		8.23		98.2		7.55			4.3			6.9		
					M	0.44	196	18.45	18.45	33.39	33.39	8.23	8.23	98.1	98.2	7.54	7.55	3.9	4.1	4.8	7.0			
						0.23	275	18.44		33.39		8.22		99.1		7.62		7.0		9.5				
						0.38	40	18.44		33.39		8.22		98.5		7.57		7.3		9.8				
IM6	Fine	Calm	12:13	13.7	S	0.84	53	18.68	18.69	33.25	33.25	8.23	8.23	99.8	99.8	7.64	7.64	7.65	2.4	2.4	3.3	3.7	3.9	5.2
						0.19	229	18.70		33.25		8.23		99.8		7.64			2.4			4.0		
						0.54	317	18.52		33.20		8.23		99.8		7.67			3.5			5.3		
					M	0.78	245	18.52	18.52	33.22	33.21	8.23	8.23	99.6	99.7	7.65	7.66	3.0	3.3	3.3	5.5			
						0.08	50	18.51		33.23		8.23		101.1		7.77		4.1		6.5				
						0.08	50	18.51		33.24		8.23		100.4		7.71		4.4		6.2				

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/19

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*						
F2	Fine	Calm	17:47	19.2	S	0.28	43	19.26	19.27	33.50	33.50	8.30	8.30	99.5	99.8	7.53	7.55	7.50	1.3	1.3	2.5	2.1	2.2	3.6						
						0.28	43	19.27		33.50		8.30		100.1		7.57			1.3			2.3								
						0.62	14	18.60	18.60	33.49	33.49	8.29	8.29	97.3	97.3	7.45	7.45		2.0	1.9		2.9								
					0.62	14	18.60	33.49		8.29		97.2		7.44		1.8			3.1											
					0.46	60	18.60	33.49		8.29		98.5		7.54		4.2			5.5											
					B	0.46	60	18.59	18.60	33.49	33.49	8.29	8.29	97.7	98.1	7.48	7.51		7.51	4.3		4.3	5.4		5.5					
F3	Fine	Calm	16:19	17.2		S	0.37	322		18.83		18.93		33.38		33.38		8.29	8.29	98.2	98.5	7.49	7.50	7.48	1.8	1.8	2.1	2.6	2.7	3.3
							0.37	322		19.02				33.38				8.29		98.8		7.51			1.7			2.8		
					0.76		22	18.60	18.60	33.40	33.40	8.28	8.29	97.3	97.3	7.46	7.46	2.0	2.0	3.5										
					0.63	260	18.60	33.40		8.29		97.3		7.46		2.0		3.2												
					1.62	288	18.56	18.56		33.39		33.40		8.25		8.26		97.8		97.6	7.50	7.49	7.49		2.4	2.5		3.8		
					1.62	288	18.56		33.40	8.26	97.4		7.47	2.6	3.6															
IM3	Fine	Calm	17:23	15.2	S	0.54	146		19.13	19.11	33.47		33.47	8.21	8.21		94.5	94.7	7.17		7.19		7.19	3.3	3.4	4.4	4.4	4.6	7.6	
						0.45	223	19.08	33.47		8.21	94.9		7.20		3.4	4.7													
						0.39	91	18.90	18.90	33.48	33.48	8.21	8.21	94.9	94.5	7.23	7.20	5.1	5.1	8.2										
					0.22	225	18.90	33.48		8.21		94.0		7.16		5.0		7.9												
					0.28	278	18.88	18.88		33.51		33.52		8.25		8.25		97.3		96.9	7.41	7.38		7.38	4.9		4.8	10.0		
					0.28	278	18.88		33.52	8.25	96.5		7.35	4.7	10.5															
IM4	Fine	Calm	17:02	16.7	S	0.56	294		19.39	19.44	33.40		33.44	8.24	8.24		97.2	97.4	7.34		7.35		7.34	2.5	2.4	2.7	6.0	5.9	4.9	
						0.56	294	19.48	33.48		8.23	97.5		7.35		2.3	5.7													
						0.58	236	19.10	19.10	33.42	33.42	8.24	8.24	96.7	96.6	7.34	7.33	2.5	2.4	4.6										
					0.18	205	19.10	33.42		8.24		96.4		7.32		2.3		5.0												
					0.49	250	18.66	18.65		33.39		33.40		8.27		8.27		97.2		96.9	7.44	7.42		3.2	3.2		4.2			
					0.49	250	18.64		33.40	8.27	96.5		7.39	3.2	4.1															
IM5	Fine	Calm	16:44	15.3	S	0.38	216		19.10	19.20	33.45		33.44	8.29	8.29		98.1	98.5	7.45		7.47		7.43	2.3	2.3	3.5	3.6	3.5	5.4	
						0.23	276	19.30	33.43		8.29	98.9		7.48		2.2	3.4													
						0.30	55	18.47	18.47	33.40	33.40	8.28	8.28	96.3	96.3	7.40	7.40	3.0	3.0	5.7										
					0.48	240	18.47	33.40		8.28		96.2		7.39		3.0		5.3												
					1.24	276	18.44	18.44		33.39		33.39		8.28		8.28		97.7		97.3	7.51	7.48		5.0	5.2		7.1			
					1.24	276	18.44		33.39	8.28	96.9		7.45	5.4	7.4															
IM6	Fine	Calm	16:30	13.7	S	0.27	66		18.93	18.90	33.43		33.43	8.29	8.29		98.2	98.3	7.48		7.49		7.46	1.8		1.8	3.0	3.5	3.7	4.7
						0.27	66	18.87	33.43		8.29	98.4		7.50		1.7	3.9													
						0.76	254	18.55	18.55	33.43	33.43	8.29	8.29	96.8	96.9	7.42	7.43	2.4	2.3	4.6										
					0.76	254	18.55	33.43		8.29		96.9		7.43		2.1		4.3												
					0.13	282	18.49	18.49		33.41		33.41		8.28		8.28		97.8		97.4	7.51	7.48		7.48	4.5	4.9		6.0		
					0.13	282	18.49		33.41	8.28	96.9		7.44	5.3	5.7															

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/19

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*
E3	Misty	Moderate	12:43	17.0	S	0.13	150	18.00	17.95	32.92	32.92	8.27	8.27	97.2	97.2	7.56	7.57	7.61	5.7	5.9	7.6	7.9	8.4	9.4
						0.14	164	17.90		32.92		8.27		97.2		7.57			6.0			8.9		
						0.18	139	17.90		32.91		8.27		98.1		7.64			7.0			9.6		
					M	0.19	141	17.90	32.91	8.27	98.2	7.65	7.0	9.3										
						0.12	136	17.90	32.90	8.28	98.9	7.70	9.8	10.5										
						0.13	146	17.90	32.90	8.28	99.2	7.72	9.8	10.2										
IM6	Misty	Moderate	13:46	16.2	S	0.07	79	17.90	17.90	32.97	32.97	8.29	8.29	97.6	97.6	7.60	7.60	7.61	1.6	1.6	2.8	4.3	4.4	4.9
						0.07	82	17.90		32.97		8.29		97.5		7.59			1.6			4.5		
						0.08	111	17.90		32.94		8.29		97.8		7.62			3.0			4.5		
					M	0.08	118	17.90	32.92	8.29	97.9	7.62	2.9	4.7										
						0.17	122	17.90	32.93	8.30	98.5	7.67	3.8	5.7										
						0.18	132	17.90	32.94	8.30	98.5	7.68	3.8	5.5										
IM7	Misty	Moderate	13:26	12.8	S	0.09	50	18.10	18.10	33.01	33.01	8.29	8.29	98.9	98.8	7.67	7.67	7.61	1.0	1.0	1.1	9.9	9.8	10.5
						0.09	53	18.10		33.01		8.29		98.7		7.67			1.1			9.6		
						0.11	68	18.00		32.94		8.30		97.3		7.56			1.1			10.4		
					M	0.11	70	18.10	32.90	8.30	97.2	7.55	1.1	10.1										
						0.08	65	18.30	32.68	8.30	97.0	7.50	1.2	11.4										
						0.09	68	18.50	32.60	8.30	97.0	7.48	1.2	11.6										
IM8	Misty	Moderate	13:33	14.4	S	0.15	89	17.90	17.90	32.98	32.98	8.28	8.28	97.7	97.6	7.60	7.60	7.58	1.1	1.1	1.8	4.4	4.3	4.8
						0.16	92	17.90		32.98		8.28		97.5		7.59			1.0			4.2		
						0.12	92	17.80		32.96		8.29		97.1		7.57			1.8			4.7		
					M	0.12	94	17.80	32.96	8.29	97.1	7.57	1.8	5.0										
						0.08	76	18.00	32.87	8.29	97.9	7.62	2.5	5.1										
						0.08	82	18.00	32.85	8.29	98.0	7.62	2.4	5.5										
IM9	Misty	Moderate	13:08	15.0	S	0.25	129	17.90	17.90	32.94	32.94	8.26	8.26	97.6	97.6	7.60	7.60	7.62	3.8	3.8	4.5	6.8	6.9	7.4
						0.27	138	17.90		32.93		8.25		97.6		7.60			3.8			7.0		
						0.28	169	17.80		32.93		8.24		97.8		7.63			4.1			7.2		
					M	0.30	173	17.80	32.93	8.24	97.9	7.63	4.0	7.6										
						0.16	153	17.80	32.96	8.23	98.3	7.67	5.8	7.8										
						0.17	163	17.80	32.98	8.23	98.5	7.68	5.4	8.0										

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/19

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*
F3	Misty	Calm	7:43	17.2	S	0.27	251	17.90	17.90	33.08	33.08	8.20	8.20	96.9	96.9	7.54	7.54	7.56	1.2	1.1	1.7	5.8	5.6	6.3
						0.27	269	17.90	17.90	33.08	33.08	8.20	8.20	96.9	96.9	7.54	7.54		1.1			5.4		
						0.28	273	17.90	17.90	33.11	33.11	8.18	8.18	97.3	97.4	7.57	7.58		1.6			6.5		
					M	0.29	284	17.90	17.90	33.11	33.11	8.17	8.18	97.5	97.4	7.59	7.58		1.5	6.4				
						0.25	290	17.90	17.90	33.11	33.11	8.16	8.16	98.0	98.1	7.63	7.63		2.6	7.0				
						0.25	294	17.90	17.90	33.11	33.11	8.16	8.16	98.1	98.1	7.63	7.63		2.6	6.8				
IM6	Misty	Calm	7:52	17.0	S	0.24	257	17.90	17.90	33.06	33.06	8.23	8.23	97.0	97.0	7.56	7.56	7.62	1.1	1.0	1.7	5.7	5.9	6.4
						0.24	273	17.90	17.90	33.06	33.06	8.22	8.20	97.0	98.8	7.56	7.69		1.0			6.0		
						0.31	274	17.90	17.90	33.05	33.05	8.20	8.20	98.7	98.8	7.68	7.69		1.5			6.4		
					M	0.33	293	17.90	17.90	33.05	33.05	8.20	8.18	98.8	100.0	7.69	7.80		1.5	6.2				
						0.22	268	17.90	17.90	33.05	33.05	8.18	8.18	100.0	100.2	7.79	7.80		2.7	7.2				
						0.24	269	17.90	17.90	33.05	33.05	8.18	8.18	100.3	100.2	7.81	7.80		2.5	6.8				
IM7	Misty	Calm	8:12	12.6	S	0.48	313	17.80	17.80	32.97	32.97	8.24	8.24	96.6	96.6	7.54	7.54	7.57	2.8	2.8	3.7	9.6	9.4	8.9
						0.49	317	17.80	17.80	32.97	32.97	8.24	8.23	96.6	97.3	7.54	7.60		2.8			9.2		
						0.33	317	17.80	17.80	32.97	32.97	8.23	8.23	97.2	97.3	7.59	7.60		3.5			9.0		
					M	0.34	326	17.80	17.80	32.97	32.97	8.23	8.21	97.4	98.2	7.60	7.67		3.5	8.7				
						0.30	302	17.80	17.80	32.96	32.96	8.21	8.21	98.1	98.2	7.66	7.67		4.8	8.5				
						0.30	327	17.80	17.80	32.96	32.96	8.21	8.21	98.3	98.2	7.67	7.67		4.7	8.4				
IM8	Misty	Calm	8:06	14.2	S	0.37	317	17.80	17.80	32.98	32.98	8.23	8.23	97.1	97.1	7.58	7.58	7.61	2.4	2.4	3.3	9.0	8.9	8.2
						0.41	341	17.80	17.70	32.98	32.98	8.22	8.22	97.1	97.8	7.58	7.64		2.5			8.7		
						0.30	290	17.70	17.70	32.98	32.98	8.22	8.20	97.7	97.8	7.63	7.64		3.0			8.1		
					M	0.33	299	17.70	17.70	32.98	32.98	8.22	8.20	97.8	97.8	7.64	7.71		3.0	8.4				
						0.34	293	17.70	17.70	32.96	32.96	8.20	8.20	98.6	98.7	7.70	7.71		4.3	7.4				
						0.36	319	17.70	17.70	32.96	32.96	8.20	8.21	98.8	98.7	7.71	7.71		4.2	7.6				
IM9	Misty	Calm	8:29	14.4	S	0.55	287	17.90	17.90	32.94	32.94	8.23	8.23	96.5	96.5	7.51	7.51	7.52	5.3	5.4	9.4	7.4	7.6	8.3
						0.58	294	17.90	17.80	32.94	32.95	8.23	8.23	96.5	96.6	7.51	7.54		5.6			7.8		
						0.52	290	17.80	17.80	32.95	32.95	8.23	8.21	96.6	96.6	7.53	7.54		9.8			8.4		
					M	0.56	312	17.80	17.80	32.95	32.93	8.23	8.21	96.6	98.0	7.54	7.65		9.9	8.2				
						0.47	288	17.80	17.80	32.93	32.93	8.21	8.21	98.0	98.1	7.65	7.65		12.9	9.0				
						0.50	306	17.80	17.80	32.93	32.93	8.21	8.21	98.1	98.1	7.65	7.65		12.9	8.8				

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/19

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	12:25	6.2	S	0.07	318	19.51	19.51	32.26	32.27	8.03	8.03	91.2	91.2	6.92	6.92	6.88	14.5	14.4	18.7	4.5	4.5	19.6
						0.08	113	19.50		32.27		8.03		91.2		6.92			14.2			4.4		
					M	0.40	351	19.46	19.46	32.34	32.34	7.98	7.99	90.1	90.2	6.84	6.85		19.7	19.7		25.0	24.9	
						0.62	312	19.46		32.33		7.99		90.3		6.85			19.6			24.8		
					B	0.34	344	19.45	19.45	32.35	32.35	7.94	7.95	90.6	90.5	6.88	6.87		23.8	22.1		29.6	29.5	
						0.34	344	19.45		32.35		7.95		90.3		6.85			20.4			29.3		
IM15	Fine	Calm	13:40	8.4	S	0.43	146	19.35	19.35	32.22	32.23	8.23	8.23	96.2	96.1	7.32	7.32	7.26	9.1	9.1	9.9	8.6	8.8	10.3
						0.58	348	19.34		32.23		8.23		96.0		7.31			9.1			8.9		
					M	0.06	22	19.15	19.15	32.40	32.40	8.20	8.21	94.5	94.5	7.21	7.21		10.0	10.1		10.8	10.7	
						0.19	185	19.15		32.39		8.21		94.4		7.20			10.1			10.6		
					B	0.36	227	19.13	19.13	32.45	32.45	8.20	8.20	94.5	94.5	7.21	7.21		10.6	10.6		11.2	11.4	
						0.36	227	19.13		32.44		8.20		94.5		7.21			10.5			11.5		
IM16A	Fine	Calm	13:11	7.2	S	0.26	77	19.45	19.46	31.90	31.90	8.17	8.17	95.8	96.1	7.29	7.31	7.19	8.5	8.3	9.4	6.8	7.0	8.4
						0.56	43	19.46		31.89		8.17		96.3		7.33			8.1			7.2		
					M	0.49	241	19.25	19.25	32.45	32.46	8.14	8.14	92.9	92.8	7.07	7.07		10.1	10.1		8.5	8.7	
						0.35	42	19.25		32.47		8.14		92.7		7.06			10.1			8.8		
					B	0.38	56	19.25	19.25	32.49	32.49	8.12	8.13	94.4	93.8	7.19	7.14		9.7	9.8		9.6	9.6	
						0.45	331	19.25		32.49		8.13		93.1		7.09			9.8			9.5		
IM17	Fine	Calm	12:51	5.2	S	0.10	270	19.40	19.43	32.29	32.29	8.09	8.10	92.6	92.6	7.04	7.04	7.10	11.9	11.5	13.0	9.5	9.4	12.6
						0.26	152	19.46		32.29		8.10		92.6		7.03			11.0			9.2		
					B	0.74	5	19.32	19.32	32.31	32.31	8.08	8.08	92.7	92.5	7.05	7.04		14.3	14.6		15.9	15.8	
						0.57	33	19.31		32.31		8.08		92.3		7.02			14.8			15.6		

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/19

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*					
F5	Fine	Calm	18:28	6.0	S	0.15	67	19.16	19.16	32.58	32.58	8.35	8.36	97.3	97.3	7.41	7.42	7.42	7.42	6.9	6.9	7.0	6.6	6.7	6.4				
						0.82	322	19.15		32.58		8.36		97.3		7.42		6.9		6.8									
					B	0.48	337	19.17	19.17	32.58	32.58	8.33	8.34	97.2	97.2	7.41	7.41	7.41	7.41	7.2	7.2	7.2	7.2	7.0		6.1	6.0		
						0.46	354	19.16		32.58		8.34		97.1		7.40		7.1		5.9									
IM15	Fine	Calm	18:01	7.2	S	0.35	226	19.18	19.19	32.33	32.33	8.31	8.32	95.3	95.3	7.27	7.27	7.26	7.26	7.3	7.4	7.5	7.4	6.4	6.5	7.5			
						0.16	147	19.19		32.33		8.32		95.2		7.26		7.5		6.6									
					M	0.95	288	19.19	19.19	32.33	32.33	8.30	8.31	95.1	95.1	7.25	7.25	7.25	7.25	7.25	7.25	8.1	7.9	7.7	7.7		7.7	7.7	
						0.95	288	19.19		32.33		8.31		95.1		7.25		7.6		7.7									
					B	0.17	329	19.18	19.18	32.32	32.32	8.28	8.29	95.6	95.5	7.29	7.28	7.28	7.28	7.3	7.3	7.3	7.3	7.3	7.3		8.2	8.4	8.2
						0.12	269	19.18		32.32		8.29		95.3		7.27		7.2		8.5									
IM16A	Fine	Calm	17:36	7.4	S	0.47	55	19.30	19.30	32.48	32.48	8.26	8.26	95.4	95.4	7.25	7.25	7.25	7.25	8.1	8.4	8.6	8.4	7.1	7.0	7.9			
						0.47	55	19.30		32.48		8.26		95.4		7.25		8.6		6.8									
					M	0.40	307	19.30	19.30	32.48	32.48	8.27	8.27	95.3	95.3	7.25	7.25	7.25	7.25	8.1	8.3	8.3	8.3	8.0	7.9		8.0	7.9	
						0.13	157	19.30		32.48		8.27		95.2		7.24		8.4		7.8									
					B	0.60	312	19.30	19.30	32.46	32.47	8.42	8.37	96.5	95.9	7.34	7.30	7.30	7.30	8.4	8.3	8.3	8.3	8.7	8.8		8.7	8.8	
						0.60	312	19.30		32.47		8.31		95.3		7.25		8.2		8.8									
IM17	Fine	Calm	16:58	4.8	S	0.54	154	19.53	19.54	31.97	31.98	8.05	8.05	94.4	94.5	7.17	7.18	7.18	7.18	7.1	7.1	7.1	7.1	7.8	8.0	8.4			
						0.54	154	19.54		31.98		8.05		94.5		7.18		7.1		8.1									
					B	0.09	230	19.56	19.56	31.99	32.00	8.05	8.05	95.4	95.1	7.24	7.22	7.22	7.22	7.7	7.7	7.7	7.7	8.6	8.9		8.6		
						0.31	148	19.56		32.01		8.04		94.8		7.19		7.7		9.1									

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/21

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*
E3	Misty	Rough	13:58	16.6	S	0.10	236	18.10	18.10	32.97	32.97	8.28	8.28	98.8	98.9	7.66	7.67	7.70	2.9	2.9	3.5	7.2	7.4	6.6
						0.11	251	18.10	18.10	32.97	32.97	8.28	8.28	98.9	98.9	7.68	7.67		2.8	2.9		7.5		
						0.13	137	18.10	18.10	32.97	32.97	8.29	8.29	99.4	99.5	7.71	7.72		3.1	3.1		6.2		
					M	0.14	150	18.10	18.10	32.97	32.97	8.29	8.29	99.6	99.5	7.73	7.72	3.1	3.1	3.1	3.1	6.6		
						0.08	202	17.90	17.90	33.12	33.14	8.29	8.29	99.6	99.6	7.75	7.76	4.6	4.6	5.8	5.9			
						0.08	216	17.90	17.90	33.16	33.14	8.29	8.29	99.6	99.6	7.76	7.76	4.7	4.6	6.0				
IM6	Misty	Rough	15:01	16.2	S	0.27	124	17.90	17.90	32.99	32.99	8.28	8.28	98.8	98.8	7.68	7.68	7.68	3.1	3.1	4.2	10.2	10.4	9.6
						0.29	129	17.90	17.90	32.99	32.99	8.28	8.28	98.8	98.8	7.68	7.68		3.1	3.1		10.5		
						0.32	112	17.90	17.90	32.95	32.95	8.28	8.28	98.8	98.8	7.67	7.68		4.4	4.4		9.6		
					M	0.33	120	17.90	17.90	32.94	32.95	8.28	8.28	98.8	98.8	7.69	7.68	4.4	4.4	9.9	9.8			
						0.30	112	17.90	17.90	32.99	32.99	8.28	8.28	98.8	98.9	7.69	7.69	5.1	5.1	8.5				
						0.33	119	17.90	17.90	32.99	32.99	8.28	8.28	98.9	98.9	7.69	7.69	5.1	5.1	8.6				
IM7	Misty	Rough	14:44	12.8	S	0.09	131	17.90	17.90	32.95	32.95	8.30	8.30	99.8	99.8	7.76	7.77	7.78	5.4	5.4	7.8	7.6	7.5	6.9
						0.09	131	17.90	17.90	32.94	32.95	8.30	8.30	99.8	99.8	7.77	7.77		5.4	5.4		7.3		
						0.21	101	17.90	17.90	32.92	32.90	8.30	8.31	99.9	100.0	7.78	7.79		8.8	8.8		7.0		
					M	0.21	110	17.90	17.90	32.88	32.90	8.31	8.31	100.0	100.0	7.79	7.79	8.8	8.8	6.9	7.0			
						0.26	105	17.90	17.90	32.80	32.89	8.31	8.32	99.6	99.8	7.75	7.77	9.3	9.3	6.5				
						0.28	108	17.90	17.90	32.97	32.89	8.32	8.32	100.0	99.8	7.78	7.77	9.3	9.3	6.2				
IM8	Misty	Rough	14:53	14.8	S	0.11	87	17.90	17.90	32.99	32.99	8.29	8.29	99.1	99.1	7.71	7.71	7.72	4.0	4.0	4.8	8.7	8.6	9.2
						0.11	92	17.90	17.90	32.98	32.98	8.29	8.29	99.1	99.1	7.71	7.71		4.0	4.0		8.5		
						0.17	100	17.90	17.90	32.98	32.98	8.29	8.29	99.3	99.4	7.73	7.73		5.1	5.0		9.1		
					M	0.18	108	17.90	17.90	32.98	32.98	8.29	8.29	99.4	99.4	7.73	7.73	5.0	5.0	9.3	9.2			
						0.17	85	17.90	17.90	32.96	32.96	8.29	8.29	99.6	99.6	7.75	7.75	5.3	5.3	9.9				
						0.18	90	17.90	17.90	32.96	32.96	8.29	8.29	99.6	99.6	7.75	7.75	5.4	5.3	9.6				
IM9	Misty	Rough	14:24	15.0	S	0.15	21	17.90	17.85	33.19	33.22	8.29	8.29	99.8	99.8	7.77	7.78	7.78	1.7	1.7	2.6	6.5	6.7	7.3
						0.16	21	17.80	17.85	33.24	33.22	8.29	8.29	99.8	99.8	7.78	7.78		1.7	1.7		6.8		
						0.11	0	17.70	17.65	33.36	33.39	8.30	8.30	99.7	99.7	7.78	7.78		3.0	2.9		7.6		
					M	0.12	0	17.60	17.65	33.41	33.39	8.30	8.30	99.6	99.6	7.78	7.78	2.9	2.9	7.3	7.5			
						0.21	355	17.50	17.45	33.52	33.55	8.31	8.31	99.4	99.4	7.78	7.78	3.2	3.2	8.0				
						0.21	21	17.40	17.45	33.58	33.55	8.31	8.31	99.3	99.4	7.78	7.78	3.2	3.2	7.7				

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/21

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*		
F3	Misty	Rough	9:12	16.2	S	0.40	279	17.90	17.90	33.06	33.06	8.25	8.25	98.1	98.1	7.63	7.63	7.63	2.8	2.8	4.3	5.2	5.3	5.8		
						0.43	283	17.90	17.90	33.06	33.06	8.25	8.25	98.1	98.1	7.63	7.63					2.7			2.8	5.4
						0.40	283	17.90	17.90	33.07	33.07	8.25	8.25	98.0	98.0	7.63	7.63					3.6			3.7	5.7
					M	0.42	305	17.90	17.90	33.07	33.07	8.25	8.25	98.0	98.0	7.63	7.63		3.8	3.7		5.9				
						0.42	290	17.90	17.90	33.07	33.07	8.25	8.25	98.5	98.5	7.66	7.66		6.4	6.6		6.5				
						0.43	316	17.90	17.90	33.07	33.07	8.25	8.25	98.5	98.5	7.66	7.66		6.7	6.6		6.2				
IM6	Misty	Rough	9:18	15.8	S	0.22	288	18.00	18.00	33.03	33.03	8.26	8.26	98.8	98.8	7.67	7.68	7.70	5.1	5.1	6.5	4.6	4.6	5.0		
						0.23	307	18.00	18.00	33.03	33.03	8.26	8.26	98.8	98.8	7.68	7.68					5.2			5.1	4.6
						0.31	285	18.00	18.00	33.02	33.02	8.27	8.27	99.2	99.3	7.71	7.72					6.6			6.6	4.9
					M	0.32	285	18.00	18.00	33.01	33.02	8.27	8.27	99.3	99.3	7.72	7.72		6.6	6.6		4.6				
						0.31	290	18.00	18.00	32.96	32.93	8.27	8.27	99.7	99.8	7.75	7.76		7.9	7.9		5.4				
						0.33	294	18.00	18.00	32.90	32.93	8.27	8.27	99.8	99.8	7.76	7.76		7.9	7.9		5.7				
IM7	Misty	Rough	9:36	12.8	S	0.31	289	18.00	18.00	33.03	33.04	8.27	8.27	99.2	99.4	7.71	7.72	7.75	3.3	3.2	3.9	7.5	7.7	8.5		
						0.33	290	18.00	18.00	33.04	33.04	8.27	8.27	99.5	99.4	7.73	7.72					3.2			3.2	7.8
						0.22	291	17.70	17.65	33.27	33.30	8.28	8.28	99.7	99.7	7.78	7.79					4.0			4.1	8.6
					M	0.24	293	17.60	17.65	33.33	33.30	8.28	8.28	99.7	99.7	7.79	7.79		4.1	4.1		8.9				
						0.26	268	17.30	17.25	33.56	33.57	8.29	8.29	99.5	99.5	7.81	7.82		4.5	4.5		9.3				
						0.27	277	17.20	17.25	33.57	33.57	8.29	8.29	99.4	99.5	7.82	7.82		4.5	4.5		8.9				
IM8	Misty	Rough	9:30	14.2	S	0.61	290	17.90	17.90	33.12	33.14	8.26	8.27	98.5	98.6	7.67	7.68	7.72	2.0	2.0	3.3	11.0	10.9	9.2		
						0.61	317	17.90	17.90	33.15	33.14	8.27	8.27	98.6	98.6	7.68	7.68					2.0			2.0	10.8
						0.42	296	17.60	17.55	33.35	33.38	8.27	8.28	99.1	99.2	7.74	7.76					3.3			3.3	9.2
					M	0.42	323	17.50	17.55	33.41	33.38	8.28	8.28	99.3	99.2	7.77	7.76		3.3	3.3		9.5				
						0.46	285	17.40	17.35	33.54	33.56	8.28	8.28	99.7	99.8	7.82	7.83		4.8	4.6		7.3				
						0.47	305	17.30	17.35	33.58	33.56	8.28	8.28	99.8	99.8	7.84	7.83		4.4	4.6		7.1				
IM9	Misty	Rough	9:51	14.6	S	0.90	284	17.80	17.80	33.11	33.14	8.28	8.28	99.3	99.4	7.74	7.75	7.76	3.3	3.2	4.1	8.2	8.2	9.1		
						0.91	287	17.80	17.80	33.16	33.14	8.28	8.28	99.4	99.4	7.75	7.75					3.2			3.2	8.1
						0.86	288	17.60	17.60	33.26	33.28	8.28	8.28	99.4	99.4	7.77	7.77					4.1			4.1	9.1
					M	0.87	295	17.60	17.60	33.30	33.28	8.28	8.28	99.4	99.4	7.77	7.77		4.1	4.1		9.4				
						0.81	282	17.40	17.40	33.38	33.39	8.29	8.29	99.3	99.3	7.78	7.78		5.1	5.0		9.9				
						0.82	302	17.40	17.40	33.40	33.39	8.29	8.29	99.3	99.3	7.78	7.78		5.0	5.0		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: 2022/01/21

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	13:01	6.5	S	1.37	341	19.38	19.38	31.92	31.91	8.09	8.09	91.2	91.3	6.95	6.96	6.95	6.3	6.1	9.8	5.9	6.1	12.1
						0.44	185	19.38		31.90		8.09		91.4		6.96			5.9			6.2		
						0.95	345	19.29		32.05		8.08		91.2		6.95			10.0			14.0		
					M	0.11	24	19.28	19.29	32.06	32.06	8.08	8.08	91.0	91.1	6.94	6.95	10.2	10.1	14.1	14.1	15.8	16.1	
						0.59	242	19.27		32.08		8.07		92.0		7.02		14.2		13.3				
						0.59	242	19.27		32.08		8.07		91.6		6.99		12.4		16.4				
IM15	Fine	Calm	14:14	8.4	S	0.83	325	19.02	19.03	32.30	32.30	8.18	8.18	96.0	96.0	7.35	7.35	7.36	9.4	9.6	11.2	10.6	10.5	12.3
						0.83	342	19.03		32.30		8.18		96.0		7.35			9.7			10.3		
						0.36	270	19.03		32.31		8.18		96.3		7.37			11.6			12.0		
					M	0.73	54	19.03	19.03	32.31	32.31	8.18	8.18	96.2	96.3	7.36	7.37	9.9	10.8	12.1	12.1	14.5	14.4	
						0.46	334	18.98		32.34		8.18		97.0		7.43		13.6		13.4				
						0.50	322	19.00		32.34		8.18		96.5		7.39		13.1		14.2				
IM16A	Fine	Calm	13:49	7.8	S	0.43	186	19.19	19.20	32.16	32.16	8.16	8.16	94.2	94.2	7.19	7.19	7.20	8.5	8.5	8.9	9.5	9.5	10.0
						0.43	186	19.20		32.16		8.16		94.2		7.19			8.5			9.5		
						0.75	355	19.09		32.19		8.15		94.3		7.21			9.3			10.0		
					M	0.47	79	19.10	19.10	32.19	32.19	8.15	8.15	94.1	94.2	7.20	7.21	8.7	9.0	9.8	9.9	10.5	10.6	
						0.63	29	19.09		32.19		8.14		96.3		7.36		9.1		10.5				
						0.30	349	19.08		32.20		8.14		95.5		7.30		9.1		10.7				
IM17	Fine	Calm	13:27	5.4	S	1.27	30	19.30	19.30	32.39	32.39	8.15	8.16	95.9	95.8	7.30	7.29	7.10	9.0	8.8	13.0	9.2	9.5	15.3
						1.27	30	19.30		32.39		8.16		95.7		7.28			8.5			9.8		
						0.47	337	19.20		32.42		8.15		96.2		7.33			16.8			20.7		
					B	0.47	337	19.20	19.20	32.42	32.42	8.15	8.15	96.2	96.1	7.33	7.33	7.12	7.12	17.2	17.2	21.1	21.1	
						0.35	281	19.20		32.42		8.15		96.0		7.32		17.5		21.5				

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/21

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*	
F5	Fine	Calm	10:35	5.4	S	0.93	125	18.86	18.87	32.29	32.28	8.17	8.17	98.9	99.0	7.59	7.60	7.60	14.3	13.3	16.2	16.4	24.8		
						0.66	54	18.88		32.27		8.17		99.0		7.60			12.2		16.6				
					B	0.42	4	18.74	18.75	32.40	32.40	8.18	8.18	100.5	99.7	7.73	7.66	7.66	22.1	22.9	22.1	22.9		33.0	33.2
						0.74	258	18.76		32.39		8.17		98.8		7.59			23.7		33.4				
IM15	Fine	Calm	10:04	8.3	S	0.66	51	18.92	18.93	32.42	32.42	8.15	8.15	97.3	97.3	7.45	7.45	7.47	19.0	19.0	22.6	22.5	24.5		
						0.66	51	18.93		32.42		8.15		97.3		7.45			19.0		22.3				
					M	0.86	349	18.92	18.92	32.42	32.42	8.16	8.16	97.9	97.7	7.50	7.49	7.47	20.0	20.4	20.7	20.4		24.5	24.7
						0.41	230	18.92		32.42		8.16		97.5		7.47			20.7		24.5				
					B	0.23	122	18.91	18.91	32.42	32.42	8.16	8.16	99.4	99.1	7.62	7.60	7.60	21.5	21.8	21.5	21.8		26.0	26.3
						0.23	122	18.91		32.42		8.16		98.8		7.57			22.1		26.5				
IM16A	Fine	Calm	9:42	7.0	S	0.61	21	19.20	19.20	32.18	32.19	8.10	8.10	95.6	95.5	7.30	7.29	7.31	6.9	7.3	7.0	7.2	8.8		
						0.24	106	19.19		32.20		8.10		95.3		7.27			7.6		7.3				
					M	0.54	2	19.14	19.16	32.14	32.15	8.10	8.10	96.2	96.0	7.35	7.34	7.31	7.2	7.4	7.2	7.4		8.7	8.3
						0.59	13	19.18		32.16		8.10		95.8		7.32			7.6		7.9				
					B	1.13	358	19.11	19.11	32.15	32.15	8.10	8.11	99.3	98.6	7.59	7.54	7.54	8.7	8.4	8.7	8.4		11.2	11.0
						0.98	352	19.11		32.15		8.11		97.8		7.48			8.0		10.7				
IM17	Fine	Calm	9:20	4.5	S	0.31	2	18.93	18.94	31.41	31.41	8.08	8.08	96.5	96.4	7.44	7.43	7.43	7.1	6.7	7.0	7.3	14.3		
						0.29	41	18.94		31.40		8.08		96.3		7.42			6.2		7.0				
					B	1.03	305	19.04	19.03	31.69	31.69	8.05	8.06	98.2	97.7	7.54	7.51	7.51	13.7	12.7	13.7	12.7		21.9	21.4
						0.72	346	19.01		31.68		8.06		97.2		7.47			11.7		20.8				

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/24

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E2	Cloudy	Calm	16:46	9.1	S	0.15	95	18.95	18.95	33.37	33.37	8.14	8.14	98.6	98.7	7.51	7.52	7.51	2.9	3.0	3.9	3.6	3.9	5.6	
						0.58	226	18.95		33.37		8.14		98.7		7.52			3.0			4.1			
						0.55	169	18.95		33.38		8.13		98.4		7.49			3.6			5.0			
					M	0.35	9	18.95	18.95	33.38	33.38	8.14	8.14	98.5	98.5	7.50	7.50		3.3	3.5		3.5	4.3		4.7
						0.94	107	18.95		33.38		8.14		98.5		7.50			5.2			7.9			
						0.94	107	18.95		33.38		8.13		98.3		7.48			5.1			8.7			
IM3	Cloudy	Calm	17:29	15.4	S	0.32	21	19.23	19.23	33.29	33.30	8.13	8.13	98.7	98.8	7.48	7.49	7.43	2.4	2.4	4.1	2.6	3.1	5.2	
						1.03	180	19.22		33.30		8.13		98.8		7.49			2.4			3.6			
						0.35	33	19.00		33.34		8.14		96.9		7.37			3.8			3.4			
					M	0.74	302	19.05	19.03	33.33	33.34	8.13	8.14	97.1	97.0	7.38	7.38		3.3	3.6		3.6	4.2		3.8
						0.40	68	18.73		33.23		8.14		95.9		7.34			5.7			9.4			
						0.40	68	18.73		33.23		8.14		95.8		7.33			6.7			8.0			
IM4	Cloudy	Calm	17:09	17.2	S	0.19	288	18.78	18.78	33.22	33.22	8.17	8.18	102.1	102.4	7.81	7.83	7.68	2.1	2.1	2.9	3.8	3.8	4.7	
						0.19	288	18.78		33.22		8.18		102.6		7.84			2.1			3.7			
						0.69	162	18.98		33.33		8.14		98.8		7.52			2.8			4.6			
					M	0.69	162	19.01	19.00	33.34	33.34	8.14	8.14	99.2	99.0	7.55	7.54		2.5	2.7		2.7	4.6		4.1
						0.64	317	18.82		33.37		8.13		96.1		7.34			4.0			6.4			
						0.64	317	18.85		33.37		8.13		95.8		7.31			4.1			6.0			
IM5	Cloudy	Calm	16:25	16.0	S	0.38	220	18.45	18.45	33.23	33.23	8.17	8.17	99.9	100.0	7.68	7.69	7.61	2.7	2.7	4.1	4.0	4.0	6.0	
						0.13	170	18.45		33.22		8.17		100.1		7.70			2.7			4.0			
						0.29	252	18.40		33.26		8.16		97.7		7.52			3.7			5.0			
					M	0.56	30	18.40	18.40	33.26	33.26	8.16	8.16	97.9	97.8	7.54	7.53		3.4	3.6		3.6	4.9		5.0
						0.33	166	18.45		33.28		8.15		96.9		7.45			6.7			9.4			
						0.52	104	18.44		33.28		8.15		97.0		7.46			5.5			8.5			
IM6	Cloudy	Calm	16:13	14.4	S	0.47	316	18.31	18.31	33.11	33.11	8.17	8.17	100.9	101.0	7.79	7.80	7.71	1.9	2.1	2.6	1.6	1.8	3.8	
						0.73	89	18.31		33.11		8.17		101.1		7.80			2.3			2.0			
						0.01	319	18.25		33.17		8.16		98.6		7.62			2.7			4.8			
					M	0.43	209	18.25	18.25	33.17	33.17	8.16	8.16	98.6	98.6	7.62	7.62		2.7	2.7		2.7	4.4		4.6
						0.32	91	18.28		33.19		8.16		99.2		7.66			2.9			5.0			
						0.87	27	18.28		33.19		8.15		98.5		7.60			3.2			5.0			

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/24

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F2	Rainy	Calm	9:34	19.2	S	0.63	78	18.24	18.24	33.20	33.20	8.20	8.20	98.9	99.0	7.64	7.65	7.64	2.9	2.8	3.1	3.3	3.7	4.5
						0.63	78	18.23	18.24	33.19	33.20	8.20	8.20	99.0	99.0	7.65	7.65		2.7	2.8		3.3	3.7	
						1.23	256	18.12	18.14	33.17	33.17	8.20	8.20	98.6	98.7	7.63	7.64		3.2	3.2		4.2	4.5	
					M	0.38	289	18.15	18.14	33.17	33.17	8.20	8.20	98.7	98.7	7.64	7.64	3.1	3.2	3.1	3.2	4.8	4.5	
						1.26	303	18.25	18.25	33.21	33.21	8.18	8.19	98.1	98.1	7.58	7.58	3.3	3.3	3.3	3.3	5.4	5.3	
						0.63	183	18.24	18.25	33.20	33.21	8.19	8.19	98.0	98.1	7.57	7.58	3.3	3.3	3.3	3.3	5.1	5.3	
F3	Rainy	Calm	10:48	17.7	S	0.96	264	18.41	18.40	33.24	33.24	8.25	8.25	98.7	98.9	7.60	7.61	7.56	3.1	3.0	4.4	3.9	3.6	5.4
						0.96	264	18.39	18.39	33.24	33.31	8.25	8.24	99.0	97.5	7.62	7.50		2.9	4.4		3.3	3.6	
						0.17	348	18.40	18.39	33.31	33.31	8.24	8.24	97.5	97.5	7.50	7.51		4.5	4.4		5.8	5.5	
					M	0.17	348	18.38	18.39	33.30	33.31	8.24	8.24	97.5	97.5	7.51	7.51	4.3	4.4	4.3	4.4	5.2	5.5	
						0.17	254	18.43	18.43	33.33	33.33	8.23	8.23	97.8	97.7	7.52	7.51	6.1	5.8	6.1	5.8	7.6	7.2	
						0.73	65	18.43	18.43	33.33	33.33	8.23	8.23	97.5	97.7	7.50	7.51	5.4	5.8	5.4	5.8	6.8	7.2	
IM3	Rainy	Calm	9:11	14.4	S	0.29	283	18.91	18.91	33.36	33.36	8.12	8.12	96.7	96.8	7.37	7.38	7.34	4.1	3.8	19.3	5.0	4.9	14.5
						0.29	283	18.91	18.91	33.35	33.35	8.12	8.11	96.8	95.6	7.38	7.30		3.4	8.1		4.7	3.7	
						0.37	301	18.80	18.80	33.35	33.35	8.11	8.11	95.6	95.6	7.30	7.30		8.4	8.1		3.3	3.7	
					M	0.52	329	18.80	18.80	33.35	33.35	8.11	8.11	95.6	95.6	7.30	7.30	7.7	8.1	7.7	8.1	4.0	3.7	
						0.30	19	18.76	18.76	33.35	33.35	8.08	8.09	94.4	94.4	7.21	7.21	45.6	46.2	24.1	34.9			
						0.35	286	18.76	18.76	33.35	33.35	8.09	8.09	94.3	94.4	7.21	7.21	46.7	46.2	45.6	34.9			
IM4	Rainy	Calm	10:04	16.4	S	0.75	303	18.82	18.82	33.38	33.38	8.19	8.19	95.3	96.0	7.27	7.32	7.31	4.1	4.0	5.7	2.5	2.8	7.9
						0.41	273	18.82	18.79	33.38	33.38	8.18	8.18	96.6	95.4	7.37	7.29		3.8	5.2		3.0	9.0	
						0.71	263	18.79	18.79	33.36	33.36	8.18	8.18	95.4	95.4	7.29	7.29		5.2	5.2		8.5	9.0	
					M	0.51	266	18.78	18.79	33.39	33.38	8.18	8.18	95.4	95.4	7.29	7.29	5.1	5.2	5.1	5.2	9.5	9.0	
						1.32	278	18.79	18.79	33.37	33.37	8.18	8.18	95.4	95.4	7.29	7.29	8.6	8.1	12.2	12.1			
						0.56	128	18.79	18.79	33.37	33.37	8.18	8.18	95.4	95.4	7.29	7.29	7.6	8.1	11.9	12.1			
IM5	Rainy	Calm	10:21	15.2	S	0.25	340	18.59	18.59	33.34	33.34	8.23	8.23	99.0	99.1	7.59	7.60	7.51	3.2	3.2	7.2	3.5	3.9	8.8
						0.25	340	18.59	18.59	33.34	33.34	8.23	8.23	99.1	99.1	7.60	7.60		3.2	3.2		4.2	3.9	
						0.76	295	18.59	18.58	33.37	33.37	8.21	8.21	96.7	96.9	7.41	7.43		5.3	4.9		5.2	5.6	
					M	0.16	54	18.57	18.58	33.36	33.37	8.21	8.21	97.1	97.1	7.45	7.45	4.5	4.9	4.5	4.9	6.0	5.6	
						0.43	7	18.60	18.60	33.37	33.37	8.20	8.20	96.0	96.0	7.36	7.36	12.8	13.5	16.7	17.1			
						0.43	7	18.60	18.60	33.37	33.37	8.20	8.20	96.0	96.0	7.36	7.36	14.1	13.5	17.4	17.1			
IM6	Rainy	Calm	10:35	14.1	S	0.09	141	18.49	18.49	33.34	33.34	8.23	8.23	97.4	97.6	7.48	7.50	7.47	5.5	5.1	7.1	6.2	6.5	8.7
						0.09	141	18.49	18.49	33.33	33.33	8.23	8.23	97.8	97.6	7.51	7.50		4.7	5.1		6.7	6.5	
						0.15	250	18.49	18.49	33.35	33.35	8.22	8.22	96.8	96.9	7.44	7.44		7.4	7.1		8.4	8.2	
					M	0.15	250	18.49	18.49	33.35	33.35	8.22	8.22	96.9	96.9	7.44	7.44	6.8	7.1	7.9	8.2			
						0.24	225	18.49	18.49	33.35	33.35	8.22	8.22	97.5	97.4	7.49	7.48	9.4	9.1	11.0	11.4			
						0.24	225	18.49	18.49	33.34	33.35	8.22	8.22	97.3	97.4	7.47	7.48	8.7	9.1	11.8	11.4			

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: 2022/01/24

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)				
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E3	Cloudy	Calm	15:00	17.4	S	0.45	94	19.12	19.12	30.02	30.07	8.11	8.11	101.0	101.2	7.82	7.84	7.66	2.2	2.1	3.5	2.3	2.1	4.5	
						0.14	246	19.11		30.12		8.10		101.4		7.85			2.0			1.9			
						0.44	337	18.85	18.86	33.22	33.22	8.10	8.10	98.0	98.1	7.48	7.49		3.6	3.6		3.6	4.5		
					0.44	337	18.86	33.22		8.10		98.1		7.49		3.5			5.2						
					0.30	252	18.75	33.24		8.09		97.7		7.47		4.9			6.3						
					B	0.48	22	18.75	33.24	8.10	97.6	7.47	4.8	7.0											
IM6	Cloudy	Calm	16:13	14.4		S	0.47	316	18.31	18.31	33.11	33.11	8.17	8.17	100.9	101.0	7.79	7.80	7.71	1.9	2.1	2.6	1.6	1.8	3.8
							0.73	89	18.31		33.11		8.17		101.1		7.80			2.3			2.0		
					0.01		319	18.25	18.25	33.17	33.17	8.16	8.16	98.6	98.6	7.62	7.62	2.7		2.7	4.8				
					0.43	209	18.25	33.17		8.16		98.6		7.62		4.4									
					0.32	91	18.28	33.19		8.16		99.2		7.66		2.9		5.0							
					B	0.87	27	18.28	33.19	8.15	98.5	7.60	3.2	5.0											
IM7	Cloudy	Calm	15:46	13.6		S	1.25	195	18.56	18.53	33.19	33.20	8.16	8.16	101.2	101.3	7.77	7.78	7.69	2.3	2.5	3.3	4.2	3.9	5.6
							0.43	273	18.49		33.20		8.16		101.3		7.79			2.6			3.5		
					1.09		116	18.37	18.37	33.23	33.23	8.15	8.15	98.7	98.7	7.60	7.60	3.8		3.9	6.4				
					0.47	51	18.37	33.23		8.15		98.7		7.60		3.9		6.0							
					0.38	77	18.34	18.33		33.22		33.22		8.15		8.15		98.9			98.9		7.62	7.62	
					0.38	77	18.32		33.22	8.15	98.8		7.62	3.5	7.1										
IM8	Cloudy	Calm	15:55	15.1	S	0.26	114		18.59	18.59	33.22		33.22	8.17	8.17		101.7	101.9	7.80	7.82		7.73	2.3		2.2
						0.26	114	18.59	33.22		8.17	102.0		7.83		2.1	2.4								
						0.20	154	18.39	18.39	33.18	33.19	8.15	8.15	99.2	99.2	7.64	7.64	2.4	2.5	3.2					
					0.63	321	18.39	33.19		8.15		99.1		7.63		2.5		2.8							
					0.50	30	18.40	18.40		33.19		33.20		8.15		8.15		99.7		99.5	7.68		7.67	3.0	2.8
					0.50	30	18.40		33.20	8.15	99.3		7.65	2.6	3.5										
IM9	Cloudy	Calm	15:26	15.4	S	0.71	76		18.83	18.86	33.22		33.22	8.15	8.15		102.5	103.2	7.83		7.88	7.74		2.5	
						0.71	76	18.89	33.21		8.15	103.8		7.92		2.1	1.7								
						0.36	123	18.58	18.58	33.26	33.26	8.13	8.13	99.0	99.0	7.60	7.60	4.1	4.0	4.6					
					0.36	123	18.58	33.26		8.13		99.0		7.60		3.8		5.0							
					0.30	141	18.59	18.59		33.26		33.26		8.12		8.12		98.8		98.8	7.58		7.58	4.1	4.0
					0.80	35	18.58		33.26	8.12	98.8		7.58	3.8	5.4										

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: 2022/01/24

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)							
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*					
F3	Rainy	Calm	10:48	17.7	S	0.96	264	18.41	18.40	33.24	33.24	8.25	8.25	98.7	98.9	7.60	7.61	7.56	3.1	3.0	4.4	3.9	3.6	5.4					
						0.96	264	18.39		33.24		8.25		99.0		7.62			2.9			3.3							
						0.17	348	18.40	18.39	33.31	33.31	8.24	8.24	97.5	97.5	7.50	7.51		4.5	4.4		4.3	5.8						
					0.17	348	18.38	33.30		8.24		97.5		7.51		4.3			5.2										
					0.17	254	18.43	33.33		8.23		97.8		7.52		6.1			7.6										
					B	0.73	65	18.43	33.33	33.33	8.23	8.23	97.5	97.7	7.50	7.51	7.51		5.4	5.8		6.8	7.2						
IM6	Rainy	Calm	10:35	14.1		S	0.09	141	18.49		18.49		33.34		33.34		8.23	8.23	97.4	97.6	7.48	7.50	7.47	5.5	5.1	7.1	6.2	6.5	8.7
							0.09	141	18.49				33.33				8.23		97.8		7.51			4.7			6.7		
					0.15		250	18.49	18.49	33.35	33.35	8.22	8.22	96.8	96.9	7.44	7.44	7.4	7.1	6.8	8.4								
					0.15	250	18.49	33.35		8.22		96.9		7.44		7.9		8.2											
					0.24	225	18.49	33.35		8.22		97.5		7.49		9.4		11.0											
					B	0.24	225	18.49	33.34	33.35	8.22	8.22	97.3	97.4	7.47	7.48	7.48	8.7	9.1	11.8	11.4								
IM7	Rainy	Calm	11:18	13.0		S	0.82	268	18.70		18.71		33.25		33.25		8.26	8.26	100.8	101.0	7.72	7.73	7.67	2.7	2.7	3.9	2.9	3.2	4.7
							0.82	268	18.72				33.25				8.26		101.2		7.74			2.6			3.4		
					1.04		278	18.46	18.47	33.27	33.28	8.25	8.25	98.9	98.9	7.60	7.60	3.7	3.7	3.6	4.5								
					1.04	278	18.47	33.28		8.25		98.9		7.60		4.2		4.4											
					0.66	51	18.47	33.28		8.25		98.7		7.59		5.9		6.3											
					B	0.51	38	18.47	33.28	33.28	8.25	8.25	98.6	98.7	7.58	7.59	7.59	4.9	5.4	7.0	6.7								
IM8	Rainy	Calm	11:08	14.8		S	0.75	280	18.79		18.77		33.34		33.35		8.24	8.24	100.1	100.1	7.65	7.65	7.58	2.7	2.7	3.5	3.4	3.5	4.4
							0.75	280	18.75				33.35				8.24		100.0		7.64			2.7			3.6		
					0.32		314	18.61	18.61	33.35	33.35	8.23	8.23	98.0	98.1	7.51	7.52	3.6	3.6	3.5	3.9								
					0.36	342	18.61	33.35		8.23		98.1		7.52		4.8		4.4											
					0.19	7	18.61	33.35		8.23		98.0		7.51		4.3		5.4											
					B	0.19	7	18.62	33.35	33.35	8.23	8.23	97.9	98.0	7.50	7.51	7.51	4.3	4.3	5.2	5.3								
IM9	Rainy	Calm	11:37	15.0		S	0.93	91	18.86		18.84		33.26		33.26		8.24	8.24	99.4	99.4	7.59	7.59	7.55	3.5	3.5	5.7	4.4	4.2	6.7
							0.42	257	18.81				33.26				8.24		99.4		7.59			3.5			4.0		
					1.14		257	18.75	18.74	33.26	33.26	8.24	8.24	98.0	98.1	7.49	7.50	4.4	4.0	4.2	4.4								
					1.14	257	18.72	33.26		8.24		98.2		7.51		4.6		4.6											
					1.55	276	18.70	33.27		8.24		97.8		7.49		9.8		11.0											
					B	0.56	209	18.70	33.27	33.27	8.24	8.24	97.7	97.8	7.48	7.49	7.49	9.5	9.7	12.1	11.6								

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/24

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Cloudy	Calm	15:53	6.5	S	0.18	356	18.70	18.70	31.14	31.14	8.14	8.14	89.9	89.9	6.98	6.98	6.98	10.4	10.6	10.7	2.7	3.1	8.0
						0.19	17	18.70		31.14		8.14		89.9		6.98			10.7			3.5		
					M	0.18	338	18.70	18.70	31.15	31.15	8.14	8.14	89.9	89.9	6.98	6.98		10.6	10.7		12.3		
						0.19	342	18.70		31.15		8.14		89.9		6.98			10.8			12.2		
					B	0.19	347	18.70	18.70	31.18	31.18	8.15	8.15	90.2	90.3	7.00	7.00		10.8	10.9		8.5		
						0.19	353	18.70		31.18		8.15		90.3		7.00			11.0			9.0		
IM15	Cloudy	Calm	17:14	7.5	S	0.15	122	18.50	18.50	31.22	31.22	8.19	8.19	95.2	95.2	7.41	7.41	7.40	3.3	3.4	3.4	4.8	5.1	5.2
						0.16	122	18.50		31.22		8.19		95.2		7.40			3.4			5.3		
					M	0.15	120	18.50	18.50	31.23	31.23	8.19	8.19	95.2	95.2	7.40	7.40		3.3	3.3		4.9		
						0.16	120	18.50		31.23		8.19		95.2		7.40			3.3			5.3		
					B	0.15	125	18.50	18.50	31.23	31.23	8.19	8.19	95.3	95.4	7.41	7.42		3.4	3.5		5.4		
						0.16	125	18.50		31.23		8.19		95.4		7.42			3.5			5.2		
IM16A	Cloudy	Calm	16:46	7.8	S	0.14	146	18.50	18.50	30.51	30.51	8.17	8.17	93.5	93.5	7.29	7.29	7.30	4.5	4.5	4.5	7.4	7.5	6.5
						0.14	150	18.50		30.51		8.17		93.5		7.29			4.4			7.6		
					M	0.14	136	18.50	18.50	30.52	30.52	8.17	8.17	93.5	93.5	7.30	7.30		4.7	4.7		6.0		
						0.15	140	18.50		30.52		8.17		93.5		7.30			4.7			6.3		
					B	0.14	131	18.50	18.50	30.52	30.52	8.18	8.18	94.0	94.0	7.33	7.34		4.4	4.4		5.6		
						0.15	139	18.50		30.52		8.18		94.0		7.34			4.3			6.1		
IM17	Cloudy	Calm	16:19	5.5	S	0.11	172	18.70	18.70	30.34	30.34	8.14	8.14	91.5	91.5	7.13	7.13	7.13	12.2	12.1	12.8	11.1	11.1	14.2
						0.12	181	18.70		30.34		8.14		91.5		7.13			12.1			11.1		
					B	0.13	176	18.70	18.70	30.35	30.35	8.14	8.14	91.4	91.4	7.12	7.12		13.2	13.4		16.9		
						0.13	178	18.70		30.35		8.14		91.4		7.12			13.7			17.6		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/24

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
F5	Cloudy	Moderate	10:19	5.3	S	0.09	34	18.40	18.40	30.68	30.68	8.04	8.04	93.3	93.3	7.29	7.29	7.29	7.29	3.4	3.4	5.4	5.1	7.1		
						0.10	34	18.40		30.68		8.04		93.3		7.29		3.4		4.8						
					B	0.08	17	18.40	18.40	31.38	31.38	8.02	8.02	93.3	93.4	7.27	7.27	7.27	7.27	11.0	11.4	8.7	9.1		8.7	9.1
						0.08	18	18.40		31.38		8.02		93.4		7.27		11.8		9.5						
IM15	Cloudy	Moderate	10:43	6.9	S	0.23	353	18.50	18.50	31.64	31.64	8.21	8.21	94.2	94.3	7.31	7.31	7.32	7.32	4.1	4.1	6.5	6.9	7.3		
						0.23	5	18.50		31.64		8.21		94.3		7.31		4.1		7.2						
					M	0.24	350	18.50	18.50	31.64	31.64	8.22	8.22	94.5	94.6	7.33	7.34	7.34	7.34	4.3	4.3	6.6	7.1		6.6	7.1
						0.25	3	18.50		31.64		8.22		94.6		7.34		4.3		7.5						
					B	0.24	344	18.50	18.50	31.64	31.64	8.22	8.22	95.5	95.6	7.41	7.42	7.42	7.42	4.4	4.4	7.7	8.0		7.7	8.0
						0.25	347	18.50		31.64		8.22		95.7		7.42		4.4		8.3						
IM16A	Cloudy	Moderate	11:04	7.1	S	0.26	329	18.70	18.70	30.02	30.03	8.13	8.13	92.3	92.3	7.20	7.20	7.19	7.19	2.4	2.4	4.2	3.8	4.9		
						0.27	355	18.70		30.04		8.13		92.2		7.20		2.5		3.4						
					M	0.29	349	18.60	18.60	30.25	30.26	8.13	8.13	92.0	92.0	7.18	7.18	7.18	7.18	3.6	3.6	5.0	5.2		5.0	5.2
						0.31	356	18.60		30.26		8.13		92.0		7.18		3.7		5.3						
					B	0.30	355	18.60	18.60	30.33	30.33	8.14	8.14	92.6	92.7	7.22	7.23	7.23	7.23	4.7	4.8	5.6	5.8		5.6	5.8
						0.31	9	18.60		30.33		8.14		92.7		7.23		4.9		6.0						
IM17	Cloudy	Moderate	11:24	4.8	S	0.32	354	18.60	18.60	30.30	30.31	8.12	8.12	91.0	91.0	7.10	7.10	7.10	7.10	5.9	5.9	4.0	4.2	4.9		
						0.34	24	18.60		30.32		8.12		91.0		7.10		6.0		4.4						
					B	0.33	353	18.60	18.60	30.39	30.40	8.14	8.15	91.5	91.5	7.14	7.14	7.14	7.14	6.9	6.9	5.3	5.5		5.3	5.5
						0.35	27	18.60		30.40		8.15		91.5		7.14		7.0		5.7						

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/26

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E2	Cloudy	Moderate	19:08	9.4	S	0.09	153	19.17	19.17	33.32	33.32	8.18	8.18	99.6	99.7	7.55	7.56	7.55	1.7	1.7	2.5	2.3	2.4	3.2
						0.09	153	19.17		33.32		8.18		99.7		7.55			1.7			2.4		
						0.26	43	19.17		33.32		8.18		99.5		7.55			2.1			2.7		
					M	0.40	171	19.17	33.32	8.18	99.5	7.55	1.8	2.4										
						0.90	149	19.10	33.31	8.19	99.2	7.53	3.8	5.0										
						0.57	167	19.09	33.31	8.19	98.7	7.50	4.0	4.6										
IM3	Cloudy	Moderate	19:52	15.8	S	0.60	35	18.79	18.81	33.18	33.19	8.22	8.22	100.6	100.7	7.69	7.70	7.60	2.1	2.0	9.8	3.4	3.0	12.8
						0.62	190	18.82		33.20		8.22		100.8		7.70			1.9			2.5		
						0.81	165	18.89		33.24		8.20		98.3		7.50			5.4			4.9		
					M	0.25	2	18.89	33.23	8.21	98.3	7.50	6.0	5.1										
						0.34	98	18.71	33.22	8.21	97.1	7.43	22.2	31.3										
						0.34	98	18.75	33.23	8.21	97.0	7.42	21.1	29.5										
IM4	Cloudy	Moderate	19:32	17.3	S	0.28	45	18.65	18.63	33.08	33.07	8.21	8.22	99.1	99.6	7.60	7.64	7.48	2.5	2.3	4.3	2.2	2.1	5.1
						0.62	206	18.60		33.05		8.22		100.0		7.68			2.1			2.0		
						0.55	329	19.11		33.27		8.17		96.5		7.33			4.4			5.2		
					M	1.33	88	19.10	33.26	8.17	96.4	7.32	4.3	4.9										
						0.84	64	18.96	33.23	8.19	97.2	7.41	6.2	8.4										
						0.84	64	18.96	33.23	8.19	97.1	7.40	6.4	8.0										
IM5	Cloudy	Moderate	18:47	16.1	S	0.67	163	18.75	18.75	33.24	33.24	8.20	8.20	99.0	99.1	7.57	7.58	7.55	3.7	3.5	5.9	4.2	4.6	7.4
						0.67	163	18.75		33.24		8.20		99.1		7.58			3.3			5.0		
						0.62	104	18.61		33.22		8.21		98.0		7.52			5.7			6.5		
					M	0.52	163	18.62	33.22	8.21	98.1	7.52	5.2	6.4										
						0.44	229	18.63	33.22	8.20	97.4	7.47	8.5	11.0										
						0.44	229	18.64	33.22	8.20	97.2	7.45	9.2	11.0										
IM6	Cloudy	Moderate	18:34	14.6	S	0.33	103	18.12	18.12	32.98	32.98	8.22	8.23	100.3	100.3	7.78	7.78	7.76	2.2	2.2	7.8	2.8	3.0	13.4
						0.33	103	18.12		32.98		8.23		100.3		7.78			2.1			3.2		
						0.88	52	18.16		33.00		8.22		100.0		7.75			3.1			4.1		
					M	0.78	122	18.17	33.01	8.22	100.0	7.74	2.6	3.8										
						0.75	229	18.33	33.11	8.22	99.3	7.66	19.2	23.8										
						0.75	229	18.33	33.11	8.22	99.3	7.66	17.5	42.4										

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: 2022/01/26

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*
F2	Cloudy	Moderate	10:32	19.9	S	0.80	326	18.07	18.07	32.99	32.99	8.05	8.05	99.3	99.4	7.70	7.71	7.69	0.8	0.8	1.9	1.2	1.1	2.4
						0.80	326	18.07		32.99		8.05		99.4		7.71			0.8			1.0		
						0.41	351	18.07		33.00		8.03		98.9		7.67			0.8			1.2		
					M	0.41	351	18.07	33.00	8.03	98.9	7.67	0.8	1.1										
						1.08	300	18.16	33.00	7.99	97.4	7.54	4.5	5.4										
						1.08	300	18.16	33.00	8.00	97.7	7.57	3.9	4.5										
F3	Cloudy	Moderate	12:04	17.9	S	0.92	271	18.15	18.15	33.03	33.03	8.17	8.17	100.1	100.1	7.75	7.75	7.73	1.0	1.0	3.1	2.2	2.3	6.0
						0.92	271	18.15		33.03		8.17		100.1		7.75			1.0			2.3		
						1.03	293	18.14		32.94		8.16		99.3		7.70			1.7			2.5		
					M	0.27	188	18.14	32.93	8.16	99.6	7.72	1.5	2.7										
						0.67	191	18.20	33.02	8.16	98.5	7.62	6.7	13.4										
						1.28	282	18.20	33.02	8.16	98.5	7.62	6.5	12.6										
IM3	Cloudy	Moderate	10:57	15.0	S	0.17	111	18.96	18.96	33.29	33.29	8.04	8.04	95.7	95.7	7.29	7.29	7.29	3.8	3.9	5.7	3.7	4.0	6.1
						0.50	247	18.95		33.29		8.04		95.7		7.29			3.9			4.3		
						0.89	33	18.92		33.29		8.04		96.2		7.33			5.4			4.7		
					M	0.14	18	18.93	33.29	8.03	95.1	7.25	4.6	5.1										
						0.82	122	18.69	33.25	8.05	97.5	7.47	8.0	9.5										
						0.36	184	18.70	33.25	8.05	96.7	7.40	8.2	9.2										
IM4	Cloudy	Moderate	11:18	17.1	S	0.33	294	19.03	19.03	33.30	33.30	8.07	8.07	96.3	96.4	7.32	7.33	7.30	2.8	2.8	6.9	3.0	3.1	7.4
						0.33	294	19.03		33.30		8.07		96.4		7.33			2.7			3.1		
						0.73	305	18.99		33.30		8.06		95.6		7.28			3.5			3.5		
					M	0.67	296	18.99	33.30	8.06	95.5	7.27	3.0	3.4										
						0.59	323	18.70	33.23	8.08	95.7	7.33	14.5	15.0										
						0.44	13	18.71	33.25	8.08	95.8	7.33	15.0	16.2										
IM5	Cloudy	Moderate	11:37	16.2	S	0.49	186	18.87	18.88	33.29	33.29	8.10	8.10	97.9	98.0	7.47	7.48	7.46	1.8	1.8	3.4	2.6	2.5	3.9
						0.22	255	18.88		33.29		8.10		98.0		7.48			1.7			2.4		
						0.48	143	18.84		33.29		8.10		97.5		7.44			2.3			3.0		
					M	0.31	354	18.85	33.28	8.10	97.6	7.45	1.9	3.0										
						0.24	111	18.65	33.26	8.11	97.0	7.43	6.1	6.1										
						0.42	127	18.66	33.26	8.11	97.0	7.43	6.4	6.3										
IM6	Cloudy	Moderate	11:50	14.4	S	0.55	245	18.67	18.68	33.20	33.20	8.13	8.13	98.8	98.9	7.57	7.58	7.56	2.4	2.3	3.6	3.6	3.6	5.6
						0.30	282	18.68		33.20		8.13		98.9		7.58			2.2			3.6		
						0.92	300	18.64		33.20		8.13		98.5		7.55			3.2			5.0		
					M	0.97	22	18.60	33.20	8.13	98.4	7.55	3.3	4.2										
						0.99	293	18.57	33.18	8.13	98.2	7.54	5.2	8.6										
						0.60	28	18.57	33.19	8.13	98.1	7.53	5.3	8.6										

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: 2022/01/26

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E3	Cloudy	Moderate	17:21	17.9	S	0.78	50	18.51	18.52	33.13	33.13	8.17	8.17	100.7	100.8	7.74	7.75	7.71	2.7	2.7	2.8	4.2	3.9	4.4
						0.78	50	18.52		33.13		8.17		100.8		7.75			2.7			3.6		
						0.67	34	18.51		33.17		8.16		99.9		7.68			2.9			4.1		
					M	0.95	355	18.51	33.18	8.16	99.9	7.68	2.6	4.5										
						0.55	19	18.50	33.18	8.15	99.6	7.66	2.9	5.1										
						0.55	19	18.49	33.18	8.16	99.6	7.66	3.0	4.8										
IM6	Cloudy	Moderate	18:34	14.6	S	0.33	103	18.12	18.12	32.98	32.98	8.22	8.23	100.3	100.3	7.78	7.78	7.76	2.2	2.2	7.8	2.8	3.0	13.4
						0.33	103	18.12		32.98		8.23		100.3		7.78			2.1			3.2		
						0.88	52	18.16		33.00		8.22		100.0		7.75			3.1			4.1		
					M	0.78	122	18.17	33.01	8.22	100.0	7.74	2.6	3.8										
						0.75	229	18.33	33.11	8.22	99.3	7.66	19.2	23.8										
						0.75	229	18.33	33.11	8.22	99.3	7.66	17.5	42.4										
IM7	Cloudy	Moderate	18:06	14.1	S	0.14	282	18.25	18.25	33.08	33.08	8.21	8.21	101.2	101.3	7.82	7.83	7.81	2.0	2.0	2.8	4.2	3.7	5.2
						0.14	282	18.25		33.08		8.21		101.3		7.83			1.9			3.1		
						0.19	177	18.25		33.08		8.21		100.9		7.80			2.5			3.6		
					M	0.19	226	18.25	33.08	8.21	100.9	7.80	2.5	4.4										
						0.23	290	18.25	33.09	8.21	100.5	7.77	4.1	8.2										
						0.50	124	18.25	33.09	8.21	100.5	7.77	3.7	7.9										
IM8	Cloudy	Moderate	18:15	15.2	S	1.07	18	18.22	18.22	33.04	33.04	8.22	8.22	101.1	101.1	7.82	7.82	7.80	1.7	1.7	2.4	3.0	3.4	4.1
						0.83	178	18.22		33.04		8.22		101.0		7.81			1.7			3.8		
						0.99	90	18.23		33.05		8.22		100.7		7.79			2.2			3.8		
					M	1.11	90	18.23	33.06	8.22	100.7	7.79	2.3	3.5										
						0.23	89	18.24	33.07	8.22	100.2	7.75	3.2	5.5										
						0.61	132	18.24	33.07	8.22	100.2	7.75	3.3	5.2										
IM9	Cloudy	Moderate	17:46	16.1	S	0.42	324	18.25	18.25	33.09	33.09	8.19	8.20	100.6	100.7	7.77	7.78	7.74	3.4	3.3	4.2	6.7	6.2	8.5
						0.47	149	18.25		33.09		8.20		100.7		7.78			3.1			5.6		
						0.76	37	18.24		33.11		8.19		99.7		7.71			4.7			7.5		
					M	0.18	143	18.24	33.10	8.19	99.7	7.71	4.4	7.0										
						1.15	200	18.27	33.12	8.18	99.4	7.68	4.8	12.4										
						1.15	200	18.27	33.13	8.18	99.3	7.67	4.8	11.7										

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/26

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*
F3	Cloudy	Moderate	12:04	17.9	S	0.92	271	18.15	18.15	33.03	33.03	8.17	8.17	100.1	100.1	7.75	7.75	7.73	1.0	1.0	3.1	2.2	2.3	6.0
						0.92	271	18.15	18.15	33.03	33.03	8.17	8.17	100.1	100.1	7.75	7.75		1.0	1.0		2.2	2.3	
					M	1.03	293	18.14	18.14	32.94	32.94	8.16	8.16	99.3	99.5	7.70	7.71		1.7	1.6		2.5	2.6	
						0.27	188	18.14	18.14	32.93	32.93	8.16	8.16	99.6	99.5	7.72	7.71		1.5	1.6		2.7	2.6	
					B	0.67	191	18.20	18.20	33.02	33.02	8.16	8.16	98.5	98.5	7.62	7.62		6.7	6.6		13.4	13.0	
						1.28	282	18.20	18.20	33.02	33.02	8.16	8.16	98.5	98.5	7.62	7.62		6.5	6.6		12.6	13.0	
IM6	Cloudy	Moderate	11:50	14.4	S	0.55	245	18.67	18.68	33.20	33.20	8.13	8.13	98.8	98.9	7.57	7.58	7.56	2.4	2.3	3.6	3.6	3.6	5.6
						0.30	282	18.68	18.68	33.20	33.20	8.13	8.13	98.9	98.9	7.58	7.58		2.2	2.3		3.6	3.6	
					M	0.92	300	18.64	18.62	33.20	33.20	8.13	8.13	98.5	98.5	7.55	7.55		3.2	3.3		5.0	4.6	
						0.97	22	18.60	18.62	33.20	33.20	8.13	8.13	98.4	98.5	7.55	7.55		3.3	3.3		4.2	4.6	
					B	0.99	293	18.57	18.57	33.18	33.19	8.13	8.13	98.2	98.2	7.54	7.54		5.2	5.3		8.6	8.6	
						0.60	28	18.57	18.57	33.19	33.19	8.13	8.13	98.1	98.2	7.53	7.54		5.3	5.3		8.6	8.6	
IM7	Cloudy	Moderate	12:34	13.9	S	0.76	233	18.18	18.18	33.10	33.10	8.18	8.18	99.7	99.8	7.71	7.72	7.71	4.4	4.1	6.7	7.9	7.8	10.8
						0.76	233	18.18	18.18	33.10	33.10	8.18	8.18	99.8	99.8	7.72	7.72		3.8	4.1		7.6	7.8	
					M	0.57	109	18.17	18.17	33.10	33.10	8.17	8.17	99.5	99.5	7.70	7.70		5.0	5.2		7.4	7.8	
						0.83	260	18.16	18.17	33.10	33.10	8.17	8.17	99.4	99.5	7.69	7.70		5.3	5.2		8.2	7.8	
					B	0.34	194	18.16	18.16	33.10	33.10	8.17	8.17	99.2	99.2	7.68	7.68		10.9	10.7		17.3	17.0	
						0.49	288	18.16	18.16	33.10	33.10	8.17	8.17	99.1	99.2	7.67	7.68		10.5	10.7		16.6	17.0	
IM8	Cloudy	Moderate	12:24	15.0	S	0.34	140	18.22	18.22	33.11	33.11	8.17	8.17	99.7	99.7	7.71	7.71	7.68	2.5	2.5	5.9	3.8	3.6	7.6
						0.24	286	18.22	18.22	33.11	33.11	8.17	8.17	99.7	99.7	7.71	7.71		2.4	2.5		3.4	3.6	
					M	0.73	50	18.20	18.20	33.11	33.11	8.17	8.17	98.8	98.9	7.64	7.65		4.8	4.6		4.8	4.7	
						1.13	95	18.20	18.20	33.11	33.11	8.17	8.17	98.9	98.9	7.65	7.65		4.4	4.6		4.6	4.7	
					B	0.42	114	18.18	18.18	33.11	33.11	8.17	8.17	98.4	98.3	7.61	7.60		10.4	10.7		14.8	14.6	
						0.53	257	18.18	18.18	33.11	33.11	8.17	8.17	98.1	98.3	7.59	7.60		11.0	10.7		14.3	14.6	
IM9	Cloudy	Moderate	12:55	15.4	S	0.69	292	18.31	18.33	33.14	33.15	8.18	8.18	99.5	99.5	7.68	7.67	7.65	4.4	4.4	5.4	6.0	5.6	7.6
						0.67	239	18.35	18.33	33.16	33.15	8.18	8.18	99.4	99.5	7.66	7.67		4.3	4.4		5.2	5.6	
					M	0.62	325	18.33	18.33	33.17	33.17	8.17	8.17	98.8	98.8	7.62	7.62		5.2	5.1		7.6	7.4	
						0.18	144	18.33	18.33	33.17	33.17	8.17	8.17	98.8	98.8	7.62	7.62		5.0	5.1		7.2	7.4	
					B	0.46	342	18.36	18.36	33.18	33.18	8.17	8.17	98.7	98.7	7.61	7.61		6.8	6.8		9.9	9.8	
						0.46	342	18.36	18.36	33.18	33.18	8.17	8.17	98.7	98.7	7.61	7.61		6.7	6.8		9.6	9.8	

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/26

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Rainy	Calm	19:05	6.8	S	0.15	177	18.80	18.80	29.46	29.51	8.12	8.13	93.1	93.1	7.27	7.27	7.26	2.0	2.1	3.1	2.3	2.3	2.4
						0.15	187	18.80		29.56		8.13		93.0		7.27			2.1			2.3		
						0.16	161	18.70		29.94		8.13		92.9		7.25			3.2			2.4		
					M	0.17	170	18.70	30.03	29.99	8.13	8.13	92.9	92.9	7.24	7.25	3.1		3.2	2.4				
						0.16	168	18.90	30.07		8.14		93.4		7.26		4.1			2.5				
						0.17	178	18.90	30.05		8.14		93.6		7.27		4.0			2.7				
IM15	Rainy	Calm	18:04	6.8	S	0.07	147	18.60	18.60	30.74	30.75	8.15	8.15	94.0	94.0	7.32	7.32	7.31	1.1	1.1	1.3	2.9	3.0	2.5
						0.07	161	18.60		30.76		8.15		93.9		7.31			1.1			3.1		
						0.08	152	18.60		30.78		30.78		8.15		8.15			93.8			93.8		
					0.08	164	18.60	30.78	8.15	93.8	7.30		1.3	2.4										
					B	0.08	156	18.60	30.82	30.82	8.15		8.15	94.3	94.4		7.34		7.35	1.6			1.6	
						0.09	160	18.60	30.82		8.15	94.5		7.35		1.6	2.1							
IM16A	Rainy	Calm	18:25	7.2		S	0.13	167	18.80		18.80	30.41		30.41		8.14	8.14	94.5		94.6	7.35	7.36		7.39
					0.14		169	18.80	30.41	8.14		94.6	7.36		1.1	4.1								
					0.14		168	18.80	30.41	30.41		8.14	8.14		95.4	95.5		7.42	7.43		1.5		1.5	
					0.14	177	18.80	30.40	8.14		95.6	7.44		1.5	3.6									
					B	0.13	159	18.70	30.37		30.35	8.15		8.15	98.0		98.1	7.63		7.64	2.0	1.9		
						0.13	164	18.70	30.32	8.15		98.2	7.64		1.9	2.9								
IM17	Rainy	Calm	18:43	4.8		S	0.19	172	18.70	18.70		29.81	29.85		8.13	8.13		95.5	95.7		7.46		7.47	7.47
					0.20		188	18.70	29.89		8.13	95.8		7.48	1.0		2.8							
					0.19		173	18.80	29.94		29.93	8.14		8.14	97.8		98.0	7.62		7.63	1.5	1.5		
					B	0.19	174	18.90	29.92	8.14		98.1	7.63		1.5	2.5								
						0.19	174	18.90	29.92	8.14		98.1	7.63		1.5	2.6								

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/26

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*			
F5	Rainy	Calm	13:18	5.0	S	0.19	56	18.30	18.30	31.87	31.87	8.19	8.19	95.6	95.7	7.44	7.45	7.45	4.2	4.2	4.6	5.2	5.2	4.7			
						0.21	56	18.30		31.87		8.19		95.7		7.45		7.45				4.1			4.1		
					B	0.18	48	18.30	18.30	31.88	31.87	8.17	8.17	96.7	96.8	7.52	7.53	7.53	7.53	5.0		5.1	5.0		5.1	4.1	4.3
						0.18	51	18.30		31.86		8.17		96.8		7.53		7.53		5.1			5.1				
IM15	Rainy	Calm	12:52	7.6	S	0.22	340	18.50	18.50	31.29	31.29	8.19	8.19	94.7	94.7	7.37	7.37	7.37	7.39	1.8	1.8	2.7	3.8	3.9	4.4		
						0.22	11	18.50		31.29		8.19		94.7		7.37		7.37					1.8			1.8	
					M	0.23	347	18.50	18.50	31.29	31.29	8.18	8.18	95.1	95.2	7.40	7.41	7.41	7.39	2.5	2.6		2.5	2.6		4.5	4.5
						0.23	9	18.50		31.28		8.18		95.2		7.41		7.41		4.5			4.5				
					B	0.22	344	18.50	18.50	31.28	31.28	8.17	8.17	96.1	96.2	7.47	7.48	7.48	7.48	3.9	3.9		3.9	3.9		4.7	4.8
						0.23	352	18.50		31.27		8.16		96.2		7.48		7.48		3.9			3.9				
IM16A	Rainy	Calm	12:33	7.8	S	0.23	344	18.60	18.60	30.68	30.69	8.17	8.17	94.8	94.8	7.38	7.38	7.38	7.38	3.1	3.1	4.8	2.2	2.2	2.4		
						0.25	350	18.60		30.69		8.17		94.8		7.38		7.38					3.1			3.1	
					M	0.22	326	18.60	18.60	30.79	30.80	8.16	8.16	94.7	94.7	7.37	7.37	7.37	7.38	5.2	5.2		5.2	5.2		2.3	2.3
						0.24	330	18.60		30.80		8.16		94.6		7.37		7.37		2.3			2.3				
					B	0.24	338	18.80	18.85	30.63	30.60	8.16	8.16	94.7	94.7	7.34	7.34	7.34	7.34	6.0	6.0		6.0	6.0		2.6	2.7
						0.25	340	18.90		30.57		8.16		94.7		7.34		7.34		6.0			6.0				
IM17	Rainy	Calm	12:14	5.6	S	0.21	347	18.70	18.70	30.10	30.11	8.13	8.13	94.0	94.0	7.33	7.33	7.33	7.33	2.3	2.7	2.1	2.1	2.7			
						0.22	5	18.70		30.11		8.13		94.0		7.33		7.33				2.2			2.2		
					B	0.20	334	18.90	18.95	30.04	30.02	8.14	8.14	94.2	94.3	7.32	7.32	7.32	7.32	3.2		3.1	3.2		3.1	3.3	3.3
						0.21	337	19.00		30.00		8.14		94.3		7.32		7.32		3.1			3.1				

Remark: * DA: Depth-Averaged

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

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/28

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E2	Cloudy	Calm	7:48	9.0	S	0.43	99	19.29	19.29	33.32	33.32	8.05	8.06	98.8	98.8	7.48	7.48	7.47	2.0	2.0	2.1	4.1	3.9	3.7		
						0.43	99	19.29		33.32		8.06		98.8		7.48			1.9			3.7				
						0.47	103	19.30		33.32		8.05		98.6		7.46			2.1			4.0				
					M	0.13	30	19.30	19.30	33.32	33.32	8.05	8.05	98.7	98.7	7.47	7.47		1.8	2.0		1.8	2.0		3.6	3.8
						0.08	119	19.29		33.32		8.05		98.8		7.48			2.5			3.5				
						0.08	119	19.29		33.32		8.05		98.6		7.46			2.2			3.3				
IM3	Cloudy	Calm	7:00	15.7	S	0.40	239	19.19	19.20	33.13	33.13	7.97	7.97	97.6	97.3	7.41	7.38	7.48	1.8	1.9	4.3	2.1	2.3	5.7		
						0.50	288	19.21		33.13		7.96		96.9		7.35			2.0			2.4				
						0.85	232	18.96		33.13		7.99		99.4		7.58			1.9			2.0				
					M	0.08	179	18.95	18.96	33.13	33.13	7.99	7.99	99.1	99.3	7.56	7.57		1.7	1.8		1.7	1.8		2.4	2.2
						0.54	313	18.46		33.06		8.02		99.2		7.64			9.4			12.3				
						0.64	275	18.46		33.06		8.02		99.2		7.64			9.2			13.0				
IM4	Cloudy	Calm	7:21	17.1	S	0.26	91	18.86	18.86	33.16	33.16	8.05	8.05	100.4	100.4	7.67	7.67	7.66	1.5	1.5	3.3	1.8	2.1	4.9		
						0.21	312	18.85		33.15		8.05		100.3		7.66			1.5			2.4				
						0.33	164	18.85		33.16		8.04		100.1		7.65			1.4			2.4				
					M	0.45	117	18.85	18.85	33.16	33.16	8.04	8.04	100.1	100.1	7.65	7.65		1.4	1.4		1.4	1.4		3.2	2.8
						0.73	138	18.52		32.99		8.05		99.7		7.67			10.0			9.9				
						0.18	322	18.51		32.99		8.05		99.6		7.66			6.5			9.8				
IM5	Cloudy	Calm	8:17	15.8	S	0.75	245	18.34	18.34	33.04	33.04	8.13	8.13	99.2	99.2	7.66	7.66	7.65	3.9	3.9	4.1	5.7	5.6	6.0		
						0.75	245	18.34		33.04		8.13		99.2		7.66			3.9			5.4				
						0.73	324	18.34		33.04		8.12		99.0		7.64			3.7			6.1				
					M	0.73	324	18.34	18.34	33.04	33.04	8.12	8.12	99.0	99.0	7.64	7.64		4.1	3.9		4.1	3.9		5.2	5.7
						0.43	4	18.35		33.04		8.12		98.8		7.62			4.7			6.5				
						0.83	232	18.34		33.04		8.12		98.8		7.62			4.0			7.2				
IM6	Cloudy	Calm	8:30	14.0	S	0.39	225	18.28	18.28	33.00	33.00	8.14	8.14	99.8	99.8	7.71	7.71	7.71	1.8	1.9	2.1	4.0	3.8	4.1		
						0.98	228	18.28		33.00		8.14		99.8		7.71			1.9			3.5				
						0.63	179	18.28		33.00		8.14		99.6		7.70			2.1			4.5				
					M	0.59	224	18.29	18.29	33.00	33.00	8.14	8.14	99.6	99.6	7.70	7.70		2.1	2.1		2.1	2.1		3.6	4.1
						0.75	97	18.28		33.00		8.14		99.5		7.69			2.5			4.2				
						0.38	136	18.28		33.00		8.14		99.4		7.68			2.1			5.0				

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/28

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)						
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
F2	Cloudy	Moderate	14:27	20.1	S	1.10	218	18.26	18.26	32.96	32.97	8.14	8.14	100.3	100.4	7.76	7.76	7.74	0.6	0.7	5.1	2.0	2.2	9.1			
						1.10	218	18.25	18.25	32.97	32.97	8.14	8.14	100.4	100.4	7.76	7.76								0.7	0.7	2.3
						0.20	113	18.25	18.25	32.97	32.97	8.14	8.14	99.6	99.7	7.70	7.71								1.3	1.2	2.5
					M	0.91	257	18.25	18.25	32.97	32.97	8.14	8.14	99.8	99.7	7.72	7.71		1.1	1.2		2.9					
						0.91	101	18.31	18.31	33.00	33.00	8.13	8.13	98.5	98.6	7.61	7.62		14.5	13.5		21.9					
						0.19	212	18.30	18.30	33.00	33.00	8.13	8.13	98.6	98.6	7.62	7.62		12.5	13.5		22.7					
F3	Cloudy	Moderate	12:52	18.3	S	0.44	127	18.35	18.35	33.01	33.01	8.11	8.11	99.8	99.8	7.70	7.70	7.68	1.1	1.1	2.2	1.6	1.8	3.4			
						0.74	172	18.34	18.34	33.01	33.01	8.11	8.11	99.8	99.8	7.70	7.70								1.1	1.1	1.9
						0.74	356	18.34	18.34	33.01	33.01	8.11	8.11	99.3	99.3	7.66	7.66								1.4	1.3	2.0
					M	0.46	46	18.34	18.34	33.01	33.01	8.11	8.11	99.3	99.3	7.66	7.66		1.2	1.3		1.7					
						0.56	300	18.33	18.33	33.01	33.01	8.11	8.11	98.7	98.7	7.62	7.62		4.2	4.2		6.4					
						0.88	321	18.33	18.33	33.01	33.01	8.11	8.11	98.6	98.7	7.61	7.62		4.2	4.2		6.5					
IM3	Cloudy	Moderate	14:02	15.3	S	0.31	222	19.26	19.27	33.08	33.08	8.08	8.08	100.1	100.1	7.59	7.59	7.61	1.2	1.2	1.4	2.2	2.5	2.1			
						0.75	276	19.27	19.27	33.08	33.08	8.08	8.08	100.1	100.1	7.59	7.59								1.2	1.2	2.7
						0.69	303	18.92	18.91	33.09	33.09	8.10	8.10	100.0	100.0	7.63	7.63								1.3	1.2	1.9
					M	0.55	110	18.90	18.91	33.09	33.09	8.10	8.10	100.0	100.0	7.63	7.63		1.1	1.2		2.0					
						0.26	55	18.80	18.80	33.07	33.07	8.11	8.11	99.7	99.7	7.63	7.63		1.7	1.7		2.2					
						0.25	132	18.80	18.80	33.08	33.08	8.11	8.11	99.7	99.7	7.63	7.63		1.7	1.7		1.7					
IM4	Cloudy	Moderate	13:39	17.4	S	1.25	19	18.92	18.92	33.11	33.11	8.09	8.09	99.6	99.7	7.60	7.61	7.56	1.3	1.3	2.1	2.7	2.5	3.5			
						1.25	19	18.92	18.92	33.11	33.11	8.09	8.09	99.7	99.7	7.61	7.61								1.3	1.3	2.2
						0.26	182	18.93	18.93	33.12	33.12	8.09	8.09	98.5	98.6	7.51	7.52								2.0	1.9	3.1
					M	0.50	189	18.93	18.93	33.12	33.12	8.09	8.09	98.6	98.6	7.52	7.52		1.7	1.9		2.4					
						0.47	184	18.95	18.94	33.14	33.14	8.09	8.09	98.2	98.2	7.49	7.49		2.8	3.1		5.1					
						0.90	322	18.93	18.94	33.13	33.14	8.09	8.09	98.1	98.2	7.48	7.49		3.4	3.1		5.7					
IM5	Cloudy	Moderate	13:20	16.3	S	1.03	295	18.38	18.38	33.05	33.05	8.13	8.13	99.3	99.3	7.66	7.66	7.64	2.1	2.1	2.2	2.9	2.6	3.1			
						1.03	295	18.38	18.38	33.05	33.05	8.13	8.13	99.3	99.3	7.66	7.66								2.1	2.1	2.3
						0.16	224	18.37	18.37	33.04	33.05	8.13	8.13	98.9	98.9	7.63	7.63								2.1	2.1	2.6
					M	0.53	304	18.36	18.37	33.05	33.05	8.12	8.13	98.8	98.9	7.62	7.63		2.0	2.1		2.9					
						0.41	36	18.35	18.35	33.05	33.05	8.12	8.12	98.6	98.5	7.61	7.60		2.5	2.5		3.9					
						0.41	36	18.35	18.35	33.05	33.05	8.12	8.12	98.4	98.5	7.59	7.60		2.5	2.5		4.2					
IM6	Cloudy	Moderate	13:04	15.1	S	0.97	112	18.34	18.34	33.02	33.02	8.12	8.12	99.3	99.3	7.66	7.66	7.64	2.1	2.2	4.6	3.2	3.6	8.8			
						0.79	68	18.34	18.34	33.02	33.02	8.12	8.12	99.3	99.3	7.66	7.66								2.3	2.2	4.0
						0.59	90	18.32	18.32	33.02	33.02	8.12	8.12	98.7	98.7	7.62	7.62								3.7	3.4	5.2
					M	0.80	312	18.32	18.32	33.02	33.02	8.12	8.12	98.7	98.7	7.62	7.62		3.1	3.4		5.7					
						0.68	332	18.32	18.32	33.02	33.02	8.11	8.11	98.4	98.4	7.60	7.60		8.5	8.3		16.6					
						0.73	42	18.32	18.32	33.02	33.02	8.11	8.11	98.3	98.4	7.59	7.60		8.0	8.3		17.9					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/28

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E3	Cloudy	Calm	9:53	17.1	S	0.28	112	19.00	19.01	31.89	31.91	8.13	8.13	100.4	100.5	7.70	7.71	7.67	1.5	1.5	2.3	1.9	2.0	3.4
						0.31	56	19.01		31.93		8.13		100.5		7.71			1.4			2.1		
						0.15	20	18.62		33.02		8.14		99.4		7.63			2.4			2.9		
					M	0.06	90	18.65	33.01	8.14	99.5	7.64	2.3	2.8										
						0.30	61	18.67	33.16	8.13	99.0	7.59	2.9	5.2										
						0.10	275	18.67	33.16	8.13	98.8	7.57	3.4	5.6										
IM6	Cloudy	Calm	8:30	14.0	S	0.39	225	18.28	18.28	33.00	33.00	8.14	8.14	99.8	99.8	7.71	7.71	7.71	1.8	1.9	2.1	4.0	3.8	4.1
						0.98	228	18.28		33.00		8.14		99.8		7.71			1.9			3.5		
						0.63	179	18.28		33.00		8.14		99.6		7.70			2.1			4.5		
					M	0.59	224	18.29	33.00	8.14	99.6	7.70	2.1	3.6										
						0.75	97	18.28	33.00	8.14	99.5	7.69	2.5	4.2										
						0.38	136	18.28	33.00	8.14	99.4	7.68	2.1	5.0										
IM7	Cloudy	Calm	9:01	13.2	S	0.40	308	18.33	18.33	33.05	33.05	8.16	8.16	100.0	100.0	7.72	7.72	7.72	2.4	2.5	2.7	3.5	4.1	3.7
						0.40	308	18.33		33.05		8.16		100.0		7.72			2.5			4.6		
						0.40	353	18.33		32.95		8.16		99.8		7.71			2.5			3.2		
					M	0.95	159	18.32	32.95	8.16	99.8	7.71	2.6	4.0										
						0.70	175	18.33	32.96	8.16	99.6	7.69	3.0	3.1										
						0.57	198	18.33	32.96	8.16	99.6	7.69	2.9	3.9										
IM8	Cloudy	Calm	8:49	15.1	S	0.41	342	18.37	18.37	33.01	33.01	8.14	8.14	98.8	98.8	7.62	7.62	7.62	2.9	2.9	2.9	6.9	6.5	5.2
						1.13	69	18.37		33.01		8.14		98.8		7.62			2.9			6.0		
						0.61	1	18.37		33.03		8.14		98.7		7.61			2.9			4.9		
					M	0.84	254	18.37	33.03	8.14	98.6	7.61	2.7	4.6										
						0.26	213	18.37	33.03	8.14	98.6	7.61	2.9	4.0										
						0.26	213	18.37	33.03	8.14	98.5	7.60	3.0	4.5										
IM9	Cloudy	Calm	9:22	15.4	S	0.29	11	18.53	18.53	33.09	33.09	8.15	8.15	100.0	100.1	7.69	7.69	7.69	2.5	2.6	2.7	3.4	3.7	5.4
						0.29	11	18.53		33.09		8.15		100.1		7.69			2.6			4.0		
						0.43	327	18.52		32.99		8.15		99.9		7.69			2.8			5.8		
					M	0.43	327	18.52	32.99	8.15	99.9	7.69	2.7	6.5										
						0.58	212	18.52	33.02	8.14	99.8	7.68	2.8	6.8										
						0.34	116	18.52	33.02	8.15	99.8	7.68	2.8	5.9										

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/28

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)							
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*				
F3	Cloudy	Moderate	12:52	18.3	S	0.44	127	18.35	18.35	33.01	33.01	8.11	8.11	99.8	99.8	7.70	7.70	7.68	1.1	1.1	2.2	1.6	1.8	3.4				
						0.74	172	18.34	18.34	33.01	33.01	8.11	8.11	99.8	99.8	7.70	7.70								1.1	1.1	1.6	1.8
						0.74	356	18.34	18.34	33.01	33.01	8.11	8.11	99.3	99.3	7.66	7.66								1.4	1.3	2.0	1.9
					M	0.46	46	18.34	18.34	33.01	33.01	8.11	8.11	99.3	99.3	7.66	7.66		1.2	1.3		1.7	1.9					
						0.56	300	18.33	18.33	33.01	33.01	8.11	8.11	98.7	98.7	7.62	7.62		4.2	4.2		6.4	6.5					
						0.88	321	18.33	18.33	33.01	33.01	8.11	8.11	98.6	98.7	7.61	7.62		4.2	4.2		6.5	6.5					
IM6	Cloudy	Moderate	13:04	15.1	S	0.97	112	18.34	18.34	33.02	33.02	8.12	8.12	99.3	99.3	7.66	7.66	7.64	2.1	2.2	4.6	3.2	3.6	8.8				
						0.79	68	18.34	18.34	33.02	33.02	8.12	8.12	99.3	99.3	7.66	7.66								2.3	2.2	4.0	3.6
						0.59	90	18.32	18.32	33.02	33.02	8.12	8.12	98.7	98.7	7.62	7.62								3.7	3.4	5.2	5.5
					M	0.80	312	18.32	18.32	33.02	33.02	8.12	8.12	98.7	98.7	7.62	7.62		3.1	3.4		5.7	5.5					
						0.68	332	18.32	18.32	33.02	33.02	8.11	8.11	98.4	98.4	7.60	7.60		8.5	8.3		16.6	17.3					
						0.73	42	18.32	18.32	33.02	33.02	8.11	8.11	98.3	98.4	7.59	7.60		8.0	8.3		17.9	17.3					
IM7	Cloudy	Moderate	12:23	13.4	S	0.39	7	18.40	18.40	32.97	33.01	8.09	8.09	98.4	98.4	7.59	7.59	7.58	3.0	2.9	3.6	4.9	4.6	6.0				
						0.20	149	18.40	18.40	33.05	33.01	8.09	8.09	98.4	98.4	7.58	7.58								2.8	2.9	4.3	4.6
						0.91	259	18.40	18.40	33.00	33.00	8.09	8.09	98.2	98.2	7.57	7.57								2.9	2.9	5.0	4.6
					M	0.71	327	18.40	18.40	33.00	33.00	8.09	8.09	98.2	98.2	7.57	7.57		2.9	2.9		4.2	4.6					
						0.43	44	18.40	18.40	33.01	33.01	8.08	8.08	98.1	98.1	7.56	7.56		5.1	4.9		9.0	8.8					
						0.30	168	18.40	18.40	33.01	33.01	8.08	8.08	98.0	98.1	7.56	7.56		4.7	4.9		8.6	8.8					
IM8	Cloudy	Moderate	12:32	15.1	S	1.07	316	18.31	18.31	33.03	33.03	8.10	8.10	98.9	98.9	7.64	7.64	7.62	1.8	1.9	3.2	2.0	1.9	3.2				
						1.07	316	18.31	18.31	33.03	33.03	8.10	8.10	98.9	98.9	7.64	7.64								2.0	1.9	1.8	1.9
						0.60	63	18.31	18.31	33.03	33.03	8.10	8.10	98.3	98.4	7.59	7.60								2.5	2.3	2.6	3.0
					M	0.21	49	18.31	18.31	33.03	33.03	8.10	8.10	98.5	98.4	7.61	7.60		2.1	2.3		3.4	3.0					
						0.70	197	18.32	18.33	33.04	33.05	8.09	8.09	97.7	97.6	7.54	7.53		5.2	5.4		4.4	4.8					
						0.68	246	18.34	18.33	33.05	33.05	8.09	8.09	97.5	97.6	7.52	7.53		5.6	5.4		5.1	4.8					
IM9	Cloudy	Moderate	12:02	15.4	S	0.35	303	18.47	18.47	33.00	33.00	8.10	8.10	95.0	95.1	7.31	7.32	7.30	2.1	2.1	2.3	2.3	2.7	3.0				
						1.16	263	18.46	18.46	33.00	33.00	8.10	8.10	95.2	95.1	7.33	7.32								2.0	2.1	3.0	2.7
						0.40	276	18.45	18.46	33.03	33.03	8.09	8.09	94.4	94.6	7.27	7.28								2.5	2.7	3.1	2.8
					M	0.20	208	18.46	18.46	33.03	33.03	8.09	8.09	94.7	94.6	7.29	7.28		2.8	2.7		2.5	2.8					
						0.87	240	18.44	18.44	33.03	33.03	8.08	8.08	93.8	94.0	7.23	7.24		2.3	2.2		4.0	3.5					
						0.62	251	18.44	18.44	33.03	33.03	8.08	8.08	94.1	94.0	7.25	7.24		2.1	2.2		3.0	3.5					

Remark: * DA: Depth-Averaged

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

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Water Quality Monitoring Data Log Sheet

Date: 2022/01/28

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Rainy	Calm	20:26	6.2	S	0.17	166	18.90	18.90	28.38	28.40	8.01	8.01	94.0	94.0	7.37	7.37	7.35	1.0	1.0	1.1	2.4	2.6	3.3
						0.17	171	18.90		28.42		8.01		93.9		7.37			1.0			2.8		
						0.16	159	18.90		28.58		8.00		93.5		7.32			1.1			2.7		
					M	0.16	164	18.90	18.90	28.60	28.59	8.00	8.00	93.4	93.5	7.32	7.32		1.2	1.2		1.2	3.0	
						0.18	168	18.90		29.80		7.99		91.8		7.15			1.2			4.0		
						0.19	169	18.90		29.80		7.99		91.8		7.15			1.2			4.9		
IM15	Rainy	Calm	21:46	6.2	S	0.35	179	18.70	18.70	31.56	31.56	8.26	8.26	98.1	98.0	7.58	7.58	7.57	2.6	2.6	3.3	4.0	3.6	4.2
						0.35	194	18.70		31.56		8.26		97.9		7.57			2.5			3.2		
						0.35	180	18.70		31.60		8.26		97.6		7.55			3.4			3.9		
					M	0.36	181	18.70	18.70	31.59	31.60	8.26	8.26	97.7	97.7	7.56	7.56		3.3	3.3		3.3	4.1	
						0.34	172	18.70		31.54		8.26		98.7		7.63			4.0			5.2		
						0.37	179	18.70		31.54		8.27		98.9		7.64			4.1			4.4		
IM16A	Rainy	Calm	21:09	7.2	S	0.27	172	18.90	18.85	29.94	30.00	8.19	8.19	98.6	98.5	7.67	7.67	7.63	1.1	1.1	1.4	3.0	2.7	2.2
						0.28	186	18.80		30.05		8.19		98.4		7.66			1.0			2.4		
						0.26	166	18.70		31.22		8.20		97.9		7.58			1.3			2.3		
					M	0.28	167	18.70	18.70	31.24	31.23	8.20	8.20	98.0	98.0	7.59	7.59		1.3	1.3		1.3	2.1	
						0.28	170	18.70		31.41		8.20		99.1		7.67			1.8			1.7		
						0.29	186	18.70		31.41		8.20		99.3		7.68			1.8			2.0		
IM17	Rainy	Calm	20:50	4.8	S	0.18	155	18.90	18.90	29.70	29.74	8.15	8.15	94.8	94.9	7.39	7.40	7.40	3.4	3.3	3.9	2.8	2.6	2.5
						0.18	169	18.90		29.77		8.15		95.0		7.40			3.3			2.4		
						0.18	161	18.90		29.96		8.16		96.2		7.49			4.4			2.3		
					B	0.18	161	18.90	18.90	29.96	29.96	8.16	8.16	96.7	96.5	7.53	7.51		4.4	4.4		4.4	2.4	
						0.18	169	18.90		29.96		8.16		96.7		7.53			4.4			2.4		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/28

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)		Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F5	Rainy	Calm	13:07	6.0	S	0.03	197	18.80	18.75	31.53	31.54	8.24	8.24	99.3	99.2	7.67	7.67	7.67	1.7	1.7	3.1	2.5	2.9	
						0.03	209	18.70		31.54		8.24		99.1		7.66		1.7				3.2		
					B	0.04	192	18.80	18.80	31.59	31.59	8.23	8.24	99.8	99.9	7.71	7.71	7.71	4.5	4.5		4.5	2.1	2.3
						0.04	204	18.80		31.58		8.25		99.9		7.71		4.5				1.8		
IM15	Rainy	Calm	13:29	8.2	S	0.05	270	18.70	18.70	31.23	31.24	8.21	8.21	96.0	96.0	7.43	7.43	7.43	1.0	1.1	7.43	1.9	2.0	
						0.05	275	18.70		31.25		8.21		95.9		7.43		1.1				2.0		
					M	0.04	251	18.70	18.70	31.33	31.33	8.21	8.21	95.9	95.9	7.43	7.43	7.43	1.2	1.2		1.2	2.6	2.4
						0.04	261	18.70		31.32		8.21		95.9		7.43		1.2				2.7		
					B	0.05	228	18.50	18.50	31.52	31.54	8.23	8.23	98.5	98.6	7.65	7.66	7.66	1.6	1.6		1.6	3.2	3.4
						0.05	232	18.50		31.56		8.23		98.7		7.67		1.6				3.0		
IM16A	Rainy	Calm	13:48	7.8	S	0.07	301	18.80	18.80	30.74	30.79	8.20	8.21	97.4	97.3	7.55	7.54	7.51	1.1	1.1	7.51	2.9	3.0	
						0.08	327	18.80		30.84		8.21		97.2		7.53		1.1				3.0		
					M	0.06	297	18.70	18.70	31.21	31.23	8.21	8.21	96.7	96.7	7.49	7.49	7.49	1.4	1.4		1.4	2.1	2.3
						0.06	305	18.70		31.24		8.21		96.7		7.48		1.4				1.8		
					B	0.07	308	18.70	18.70	31.36	31.37	8.21	8.21	97.3	97.4	7.53	7.53	7.53	1.8	1.7		1.8	2.0	2.1
						0.08	309	18.70		31.37		8.21		97.4		7.53		1.7				1.9		
IM17	Rainy	Calm	14:06	5.2	S	0.15	255	18.90	18.90	29.72	29.77	8.17	8.17	96.9	96.8	7.54	7.53	7.53	1.4	1.4	7.53	2.1	1.8	
						0.16	268	18.90		29.81		8.17		96.6		7.52		1.4				1.5		
					B	0.15	262	18.60	18.55	30.46	30.48	8.17	8.17	98.7	98.8	7.71	7.72	7.72	2.5	2.4		2.5	1.4	1.3
						0.16	267	18.50		30.49		8.17		98.9		7.73		2.4				1.4		

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/31

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E6	Rainy	Moderate	11:11	6.6	S	0.76	342	18.20	18.20	31.15	31.16	8.18	8.18	95.1	95.2	7.44	7.45	7.56	2.2	2.2	3.2	4.8	4.7	5.3
						0.86	347	18.20		31.16		8.18		95.2		7.45			2.3			4.6		
						0.79	342	18.20		31.21		8.19		96.5		7.55			3.6			5.6		
					M	0.80	342	18.20	18.20	31.21	8.19	8.19	99.8	98.2	7.81	7.68	3.6		3.6	5.5				
						0.77	331	18.20	18.20	31.20	8.20	8.21	102.2	102.9	7.99	8.05	3.9		3.9	5.4				
						0.72	329	18.20	18.20	31.19	8.21	8.21	103.5	103.5	8.10	8.10	3.9		3.9	5.7				
IM15	Rainy	Moderate	12:35	6.8	S	0.12	102	17.40	17.40	31.45	31.45	8.25	8.26	98.0	98.1	7.77	7.77	7.78	2.3	2.3	3.3	6.9	6.8	8.2
						0.03	108	17.40		31.44		8.26		98.1		7.77			2.3			6.6		
						0.11	83	17.40		17.40		31.36		8.26		8.26			98.2			98.2		
					M	0.03	80	17.40	17.40	31.27	8.26	8.26	98.2	98.2	7.80	7.80	3.3		3.3	7.2				
						0.14	103	17.40	17.40	31.28	8.26	8.26	98.3	98.4	7.79	7.80	4.1		4.1	10.3				
						0.13	98	17.40	17.40	31.53	8.26	8.26	98.4	98.4	7.80	7.80	4.2		4.1	10.7				
IM16A	Rainy	Moderate	12:10	7.8	S	0.07	97	17.40	17.40	31.34	31.34	8.26	8.26	99.0	99.1	7.85	7.86	7.91	6.2	6.2	7.2	9.6	9.8	10.9
						0.02	96	17.40		31.34		8.26		99.2		7.87			6.2			9.9		
						0.06	114	17.40		17.40		31.33		8.27		8.27			100.1			100.2		
					M	0.10	107	17.40	17.40	31.33	8.27	8.27	100.3	100.2	7.96	7.95	7.2		7.3	10.1				
						0.06	117	17.40	17.40	31.33	8.28	8.29	101.9	102.1	8.08	8.10	8.1		8.1	12.9				
						0.04	111	17.40	17.40	31.33	8.29	8.29	102.3	102.3	8.12	8.10	8.1		8.1	12.5				
IM17	Rainy	Moderate	11:53	5.6	S	0.04	348	17.60	17.60	30.99	30.99	8.26	8.26	100.3	100.4	7.94	7.95	7.95	1.4	1.4	1.9	5	4.9	4.6
						0.10	350	17.60		30.99		8.26		100.5		7.95			1.4			4.8		
						0.05	2	17.60		30.99		8.27		101.7		8.05			2.4			4.2		
					B	0.10	354	17.60	17.60	30.99	8.28	8.28	102.0	101.9	8.08	8.07	2.5		2.5	4.2				
						0.10	354	17.60	17.60	30.99	8.28	8.28	102.0	101.9	8.08	8.07	2.5		2.5	4.2				
						0.10	354	17.60	17.60	30.99	8.28	8.28	102.0	101.9	8.08	8.07	2.5		2.5	4.2				

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2022/01/31

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)						
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*				
F5	Rainy	Moderate	7:59	5.8	S	0.16	32	17.60	17.60	31.91	31.91	8.13	8.13	96.9	96.9	7.64	7.64	7.64	7.64	8.4	8.5	8.8	8.8	16.4	16.6	15.5		
						0.08	31	17.60		31.91		8.13		96.9		7.64		8.5										
					B	0.19	20	17.60	17.60	31.92	31.92	8.13	8.13	98.3	98.5	7.75	7.77	7.77	7.77	9.1	9.1	9.1	9.1	9.1	9.1		14.6	14.5
						0.15	14	17.60		31.92		8.13		98.7		7.78		9.0										
IM15	Rainy	Moderate	7:22	7.4	S	0.33	345	17.70	17.70	30.99	30.99	8.20	8.20	98.4	98.5	7.79	7.80	7.89	7.89	5.1	5.1	6.5	6.5	13.0	12.8	11.0		
						0.43	342	17.70		30.99		8.20		98.6		7.80		5.2										
					M	0.33	343	17.70	17.70	30.99	30.99	8.20	8.20	100.9	101.0	7.98	7.99	7.89	7.89	7.0	6.9	6.9	6.9	6.9	6.9		10.5	10.4
						0.25	348	17.70		30.99		8.20		101.1		8.00				7.0								
					B	0.29	333	17.60	17.60	30.99	30.99	8.20	8.20	102.8	103.0	8.14	8.16	8.16	8.16	7.5	7.5	7.5	7.5	7.5	7.5		9.8	9.7
						0.39	332	17.60		30.99		8.20		103.1		8.17		7.5										
IM16A	Rainy	Moderate	7:39	7.6	S	0.31	347	17.90	17.90	30.92	30.92	8.19	8.19	96.4	96.5	7.60	7.61	7.71	7.71	5.4	5.4	7.0	7.0	10.3	10.2	9.8		
						0.33	350	17.90		30.92		8.19		96.5		7.61		5.3										
					M	0.38	339	17.80	17.80	30.92	30.92	8.20	8.20	98.7	99.0	7.79	7.81	7.71	7.71	7.7	7.6	7.6	7.6	7.6	7.6		9.7	9.8
						0.39	331	17.80		30.92		8.20		99.2		7.83				7.6								
					B	0.30	331	17.80	17.80	30.92	30.92	8.20	8.20	100.2	100.4	7.91	7.93	7.93	7.93	8.1	8.1	8.1	8.1	8.1	8.1		9.3	9.4
						0.37	338	17.80		30.92		8.20		100.5		7.94		8.2										
IM17	Rainy	Moderate	8:29	5.4	S	0.35	1	17.70	17.70	30.96	30.97	8.25	8.25	101.2	101.3	8.01	8.02	8.02	8.02	7.6	7.5	8.0	8.0	3.9	4.1	4.7		
						0.36	0	17.70		30.97		8.25		101.4		8.03		7.5										
					B	0.31	359	17.60	17.60	30.97	30.97	8.26	8.27	102.7	103.0	8.14	8.16	8.16	8.16	8.5	8.5	8.5	8.5	8.5	8.5		5.3	5.4
						0.37	355	17.60		30.96		8.27		103.3		8.18		8.5										

Remark: * DA: Depth-Averaged

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

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

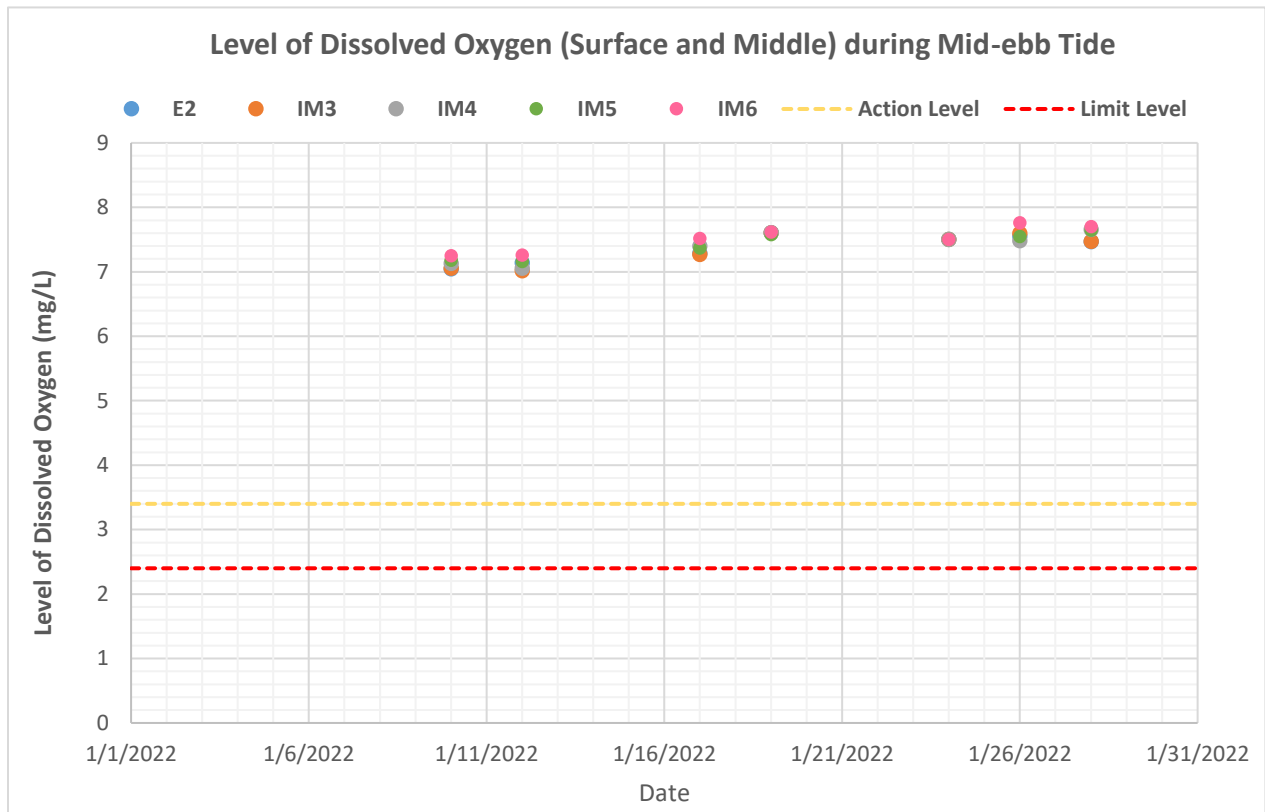


Figure G1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in January 2022.

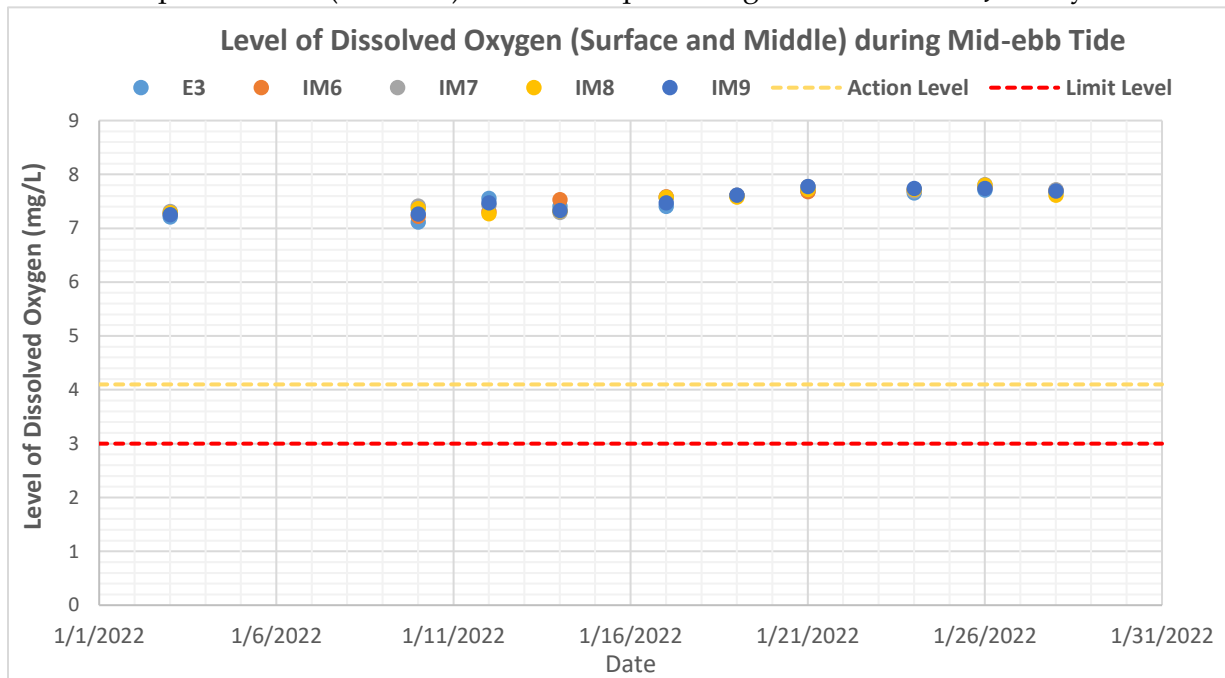


Figure G1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in January 2022.

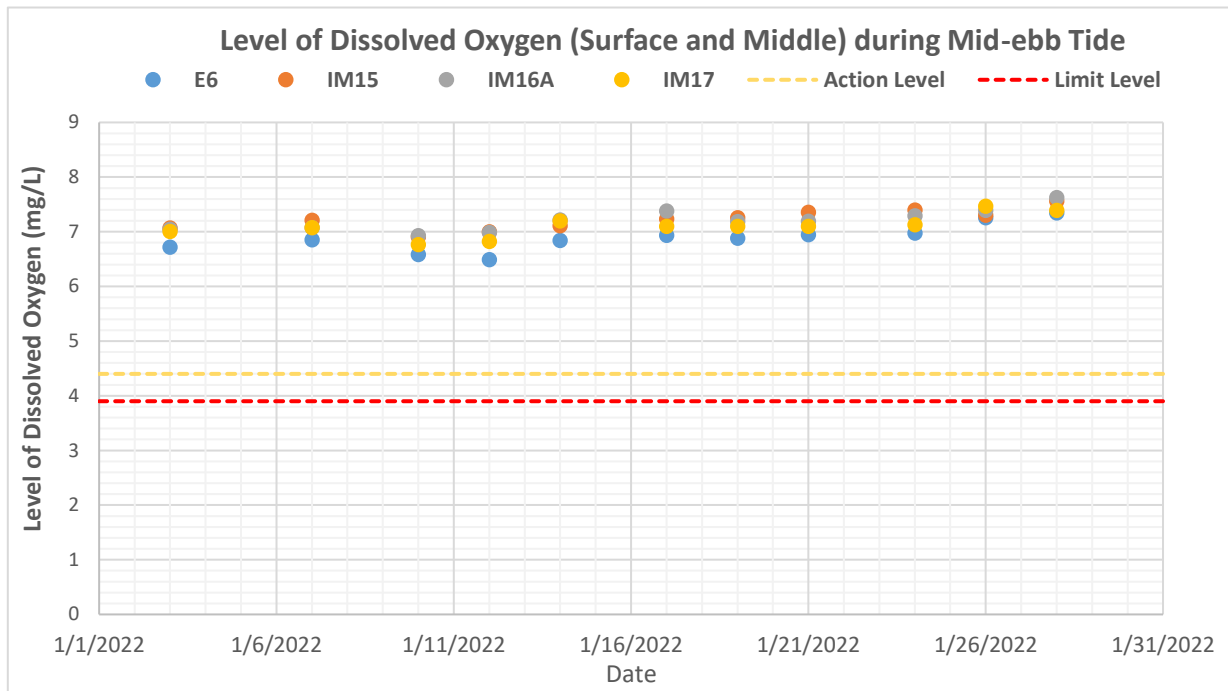


Figure G1c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in January 2022.

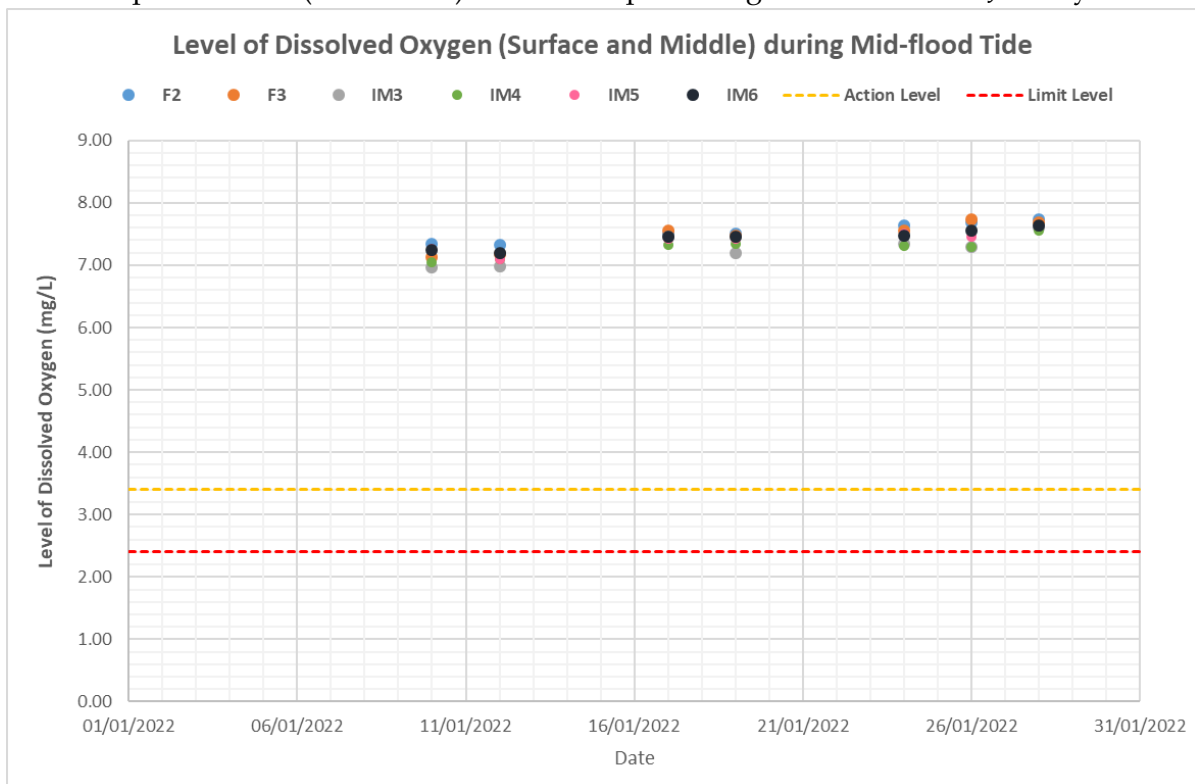


Figure G1d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in January 2022.

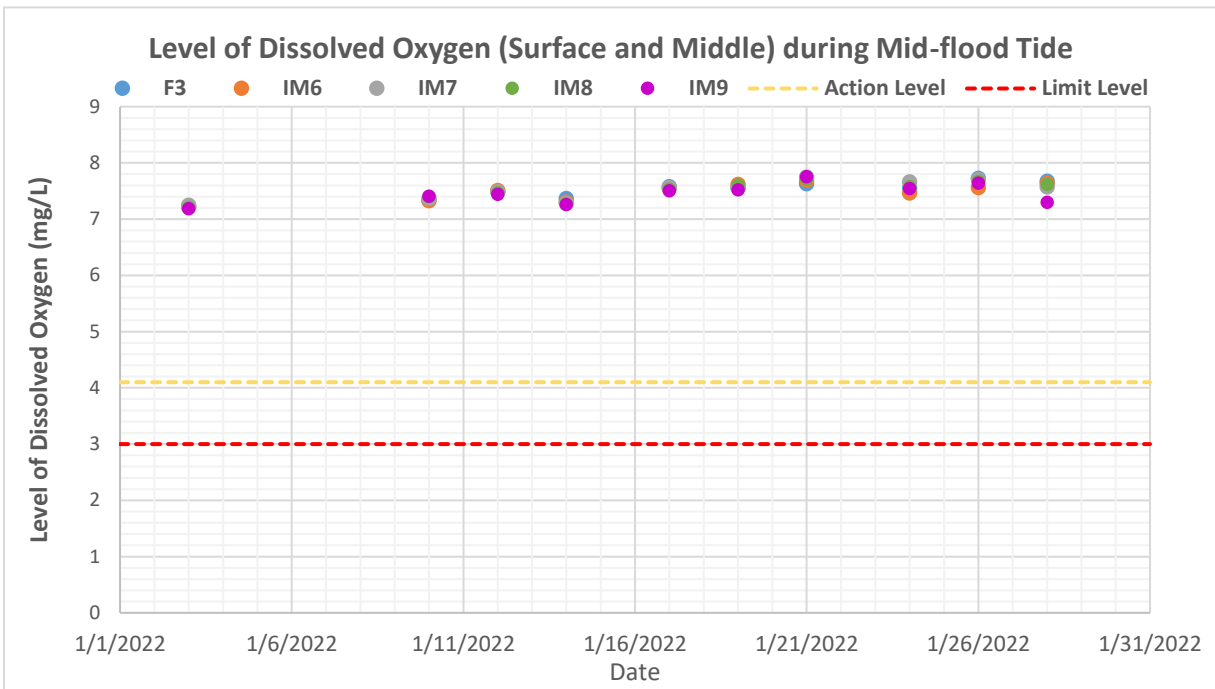


Figure G1e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in January 2022.

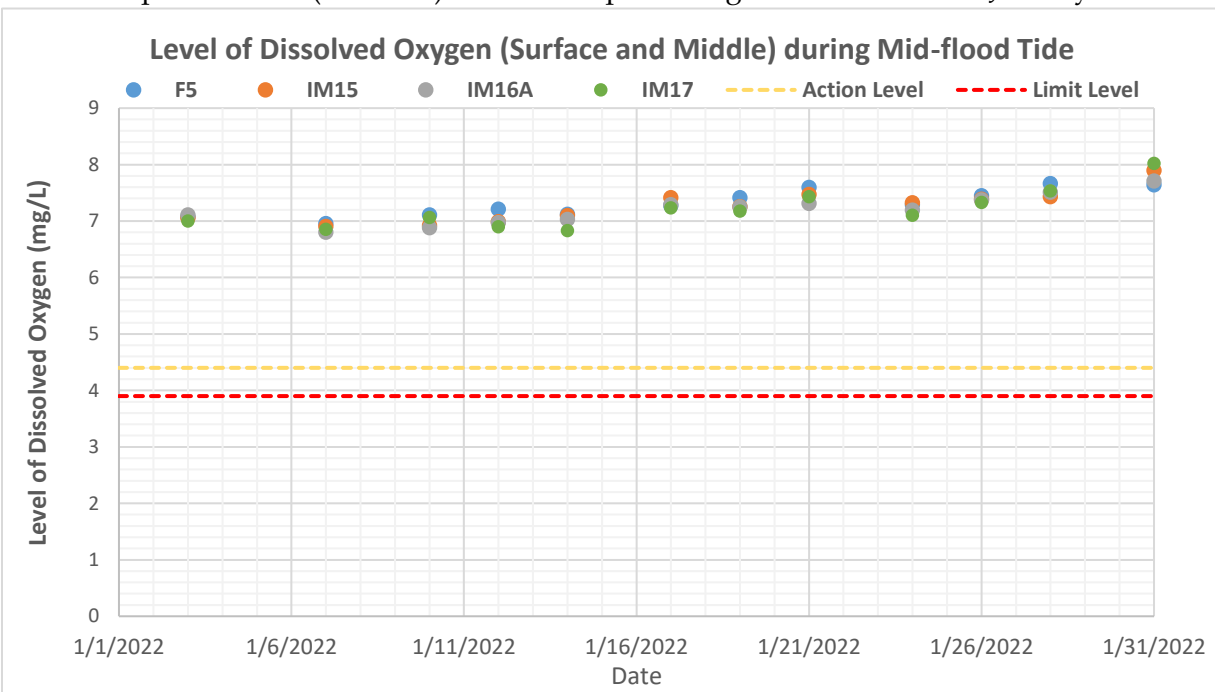


Figure G1f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in January 2022.

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

Date: 14/2/22

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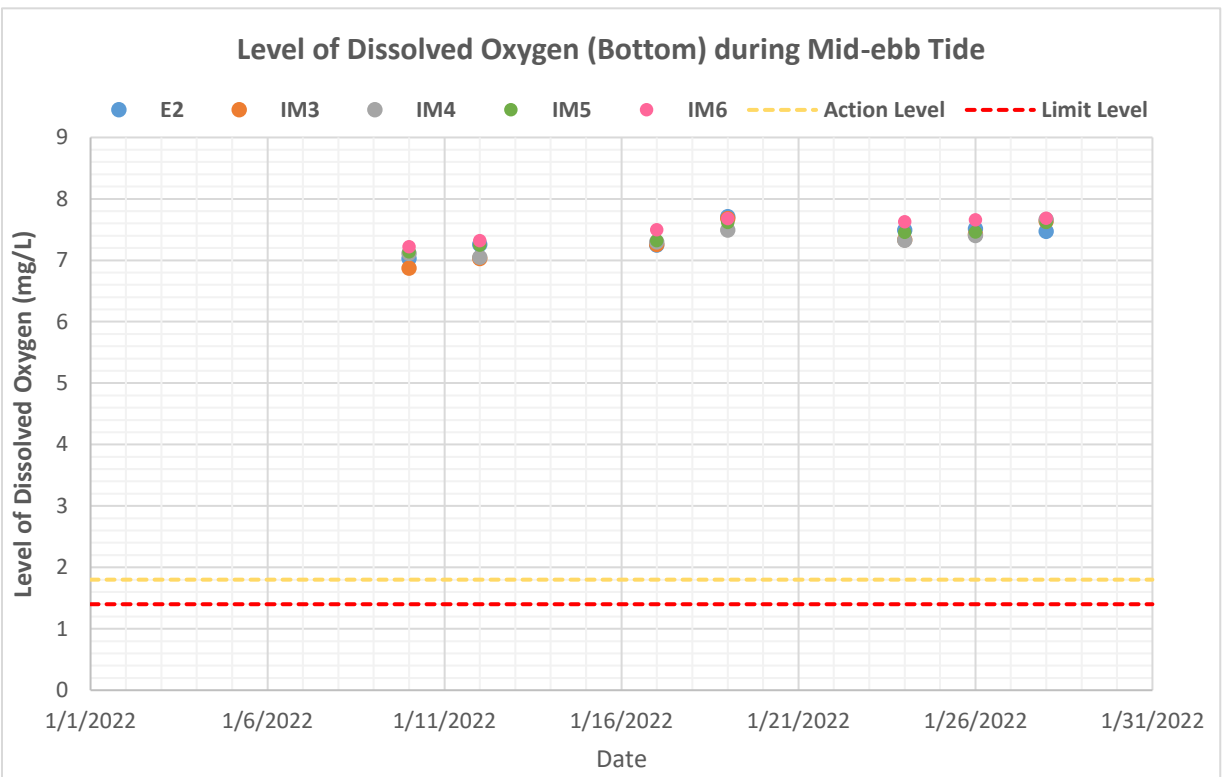


Figure G2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in January 2022.

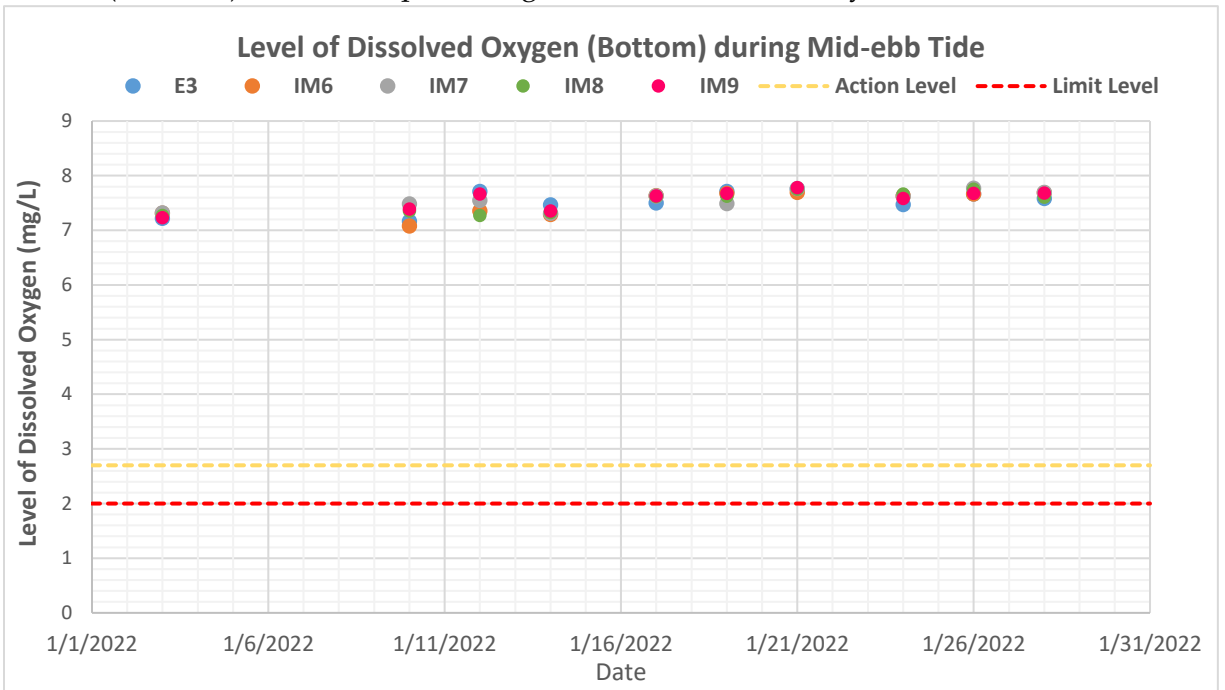


Figure G2b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in January 2022.

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

Date: 14/2/22

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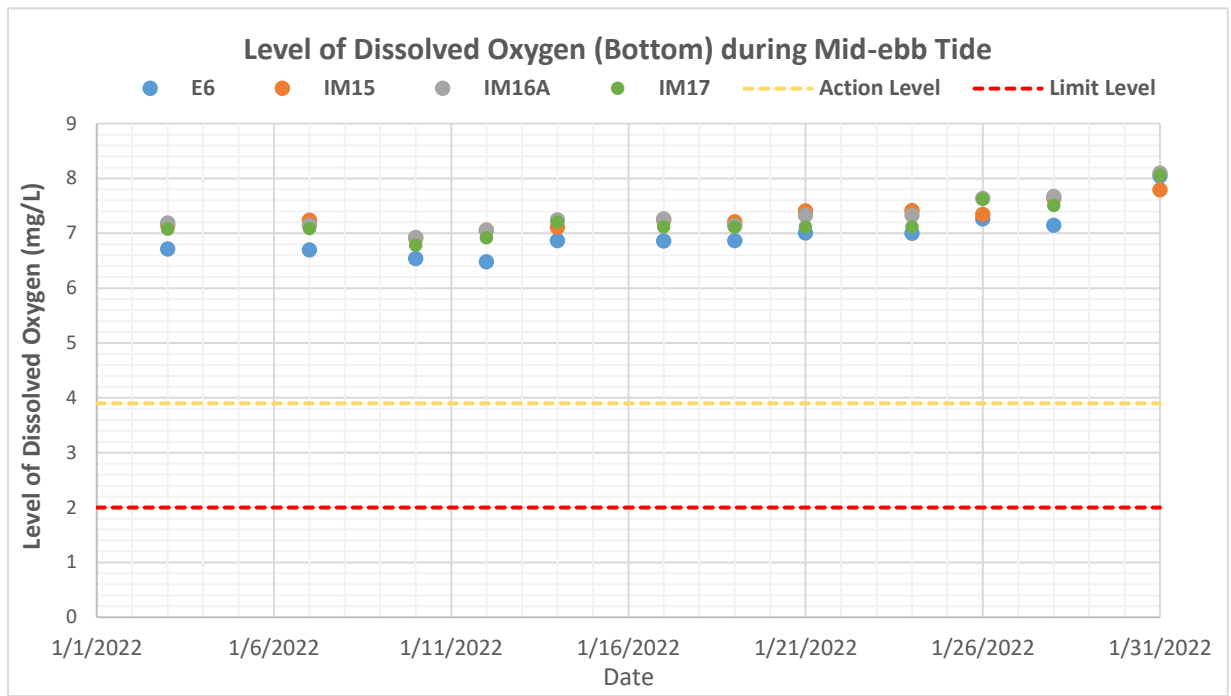


Figure G2c: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in January 2022.

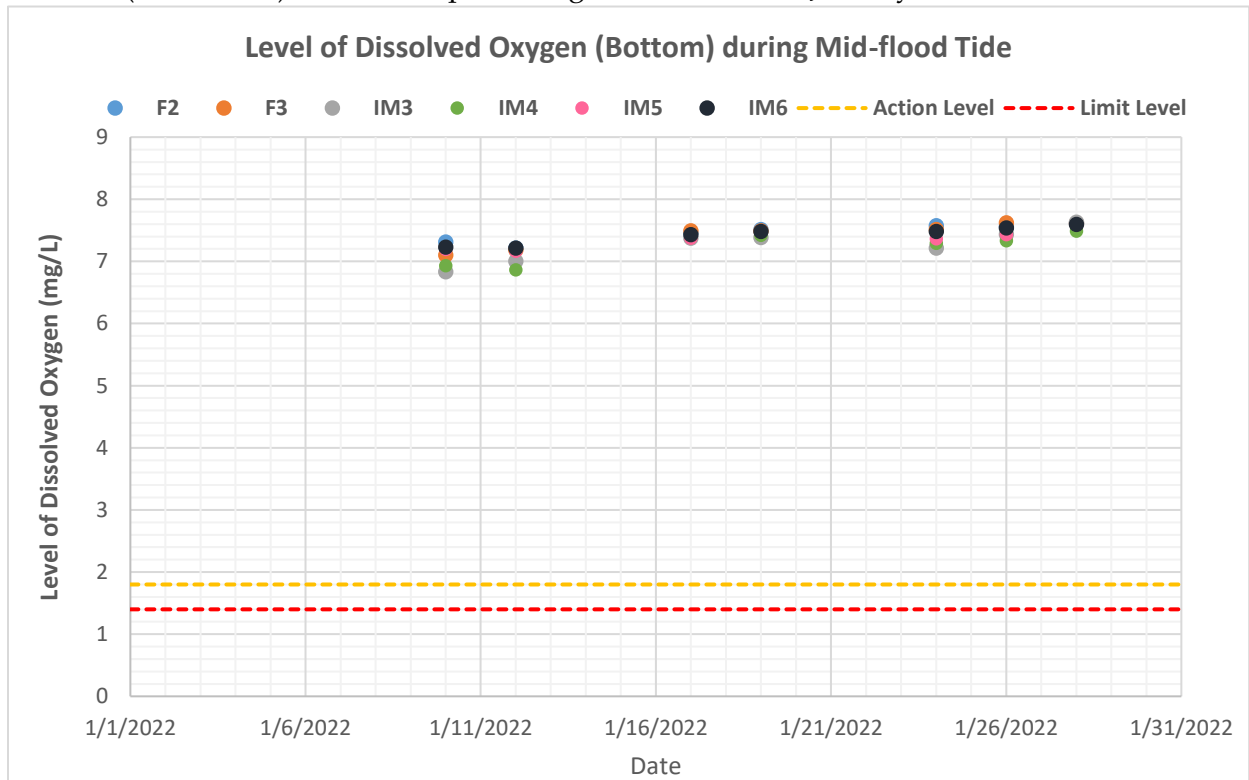


Figure G2d: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in January 2022.

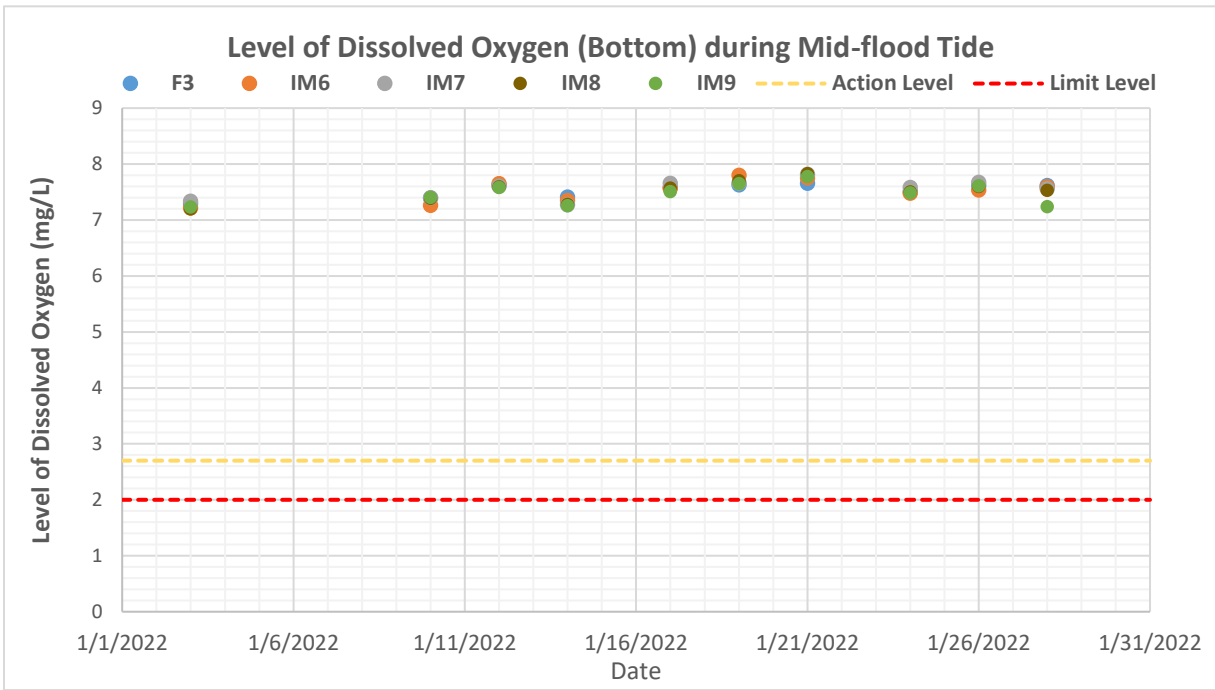


Figure G2f: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in January 2022.

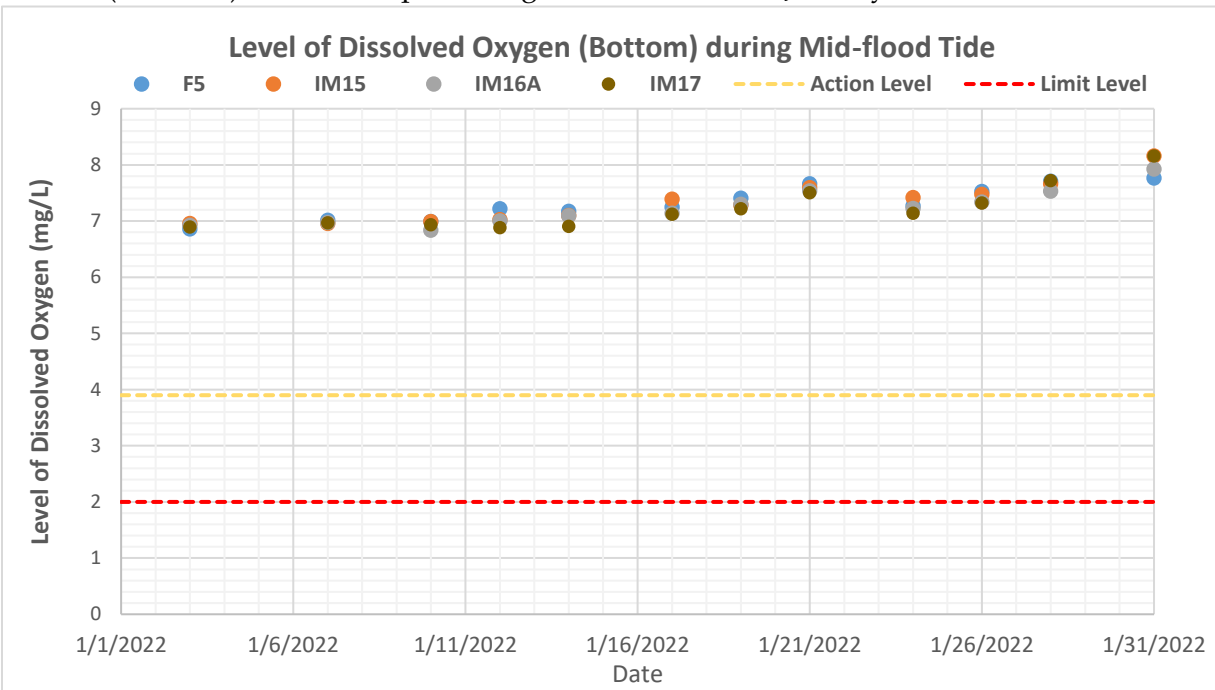


Figure G2g: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in January 2022.

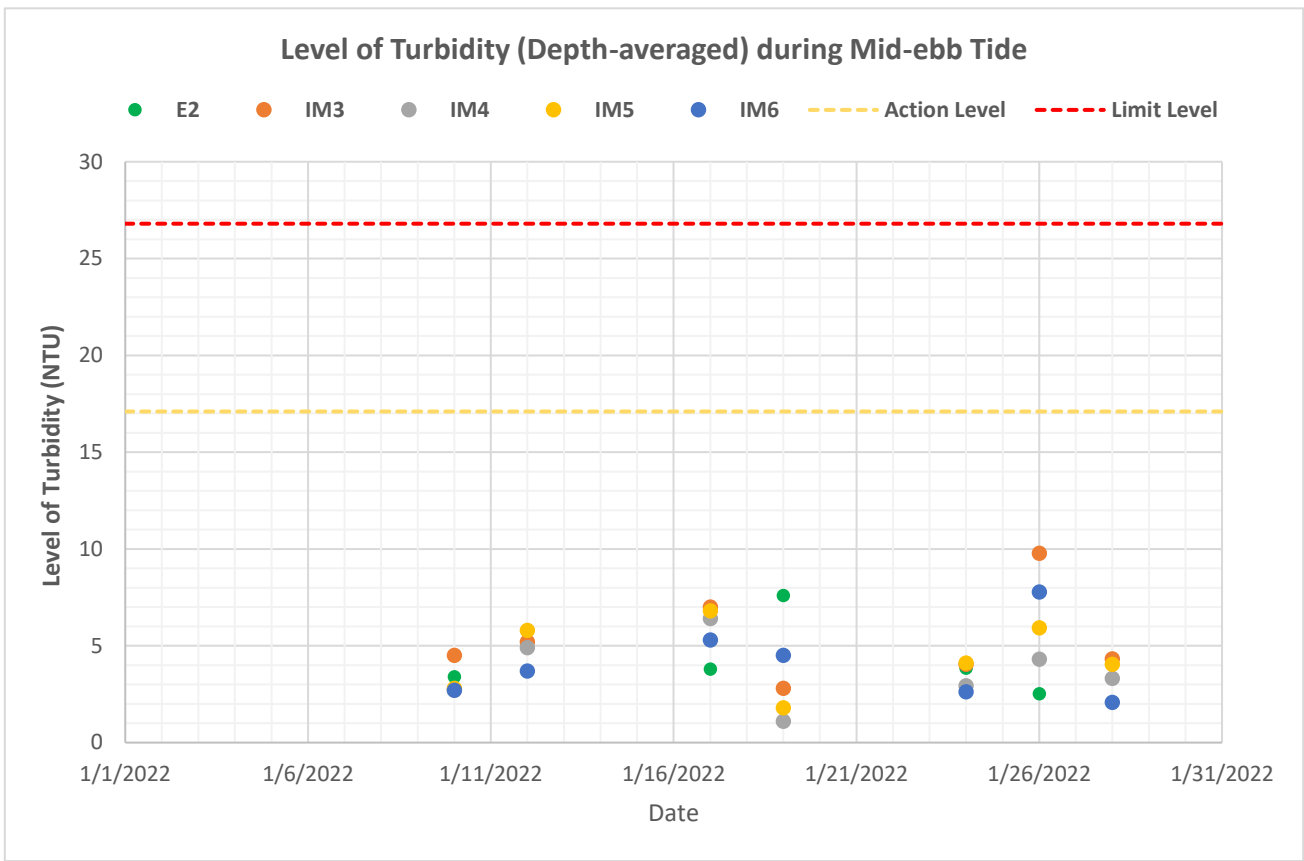


Figure G3a: Levels of Depth-averaged Turbidity (NTU) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in January 2022.

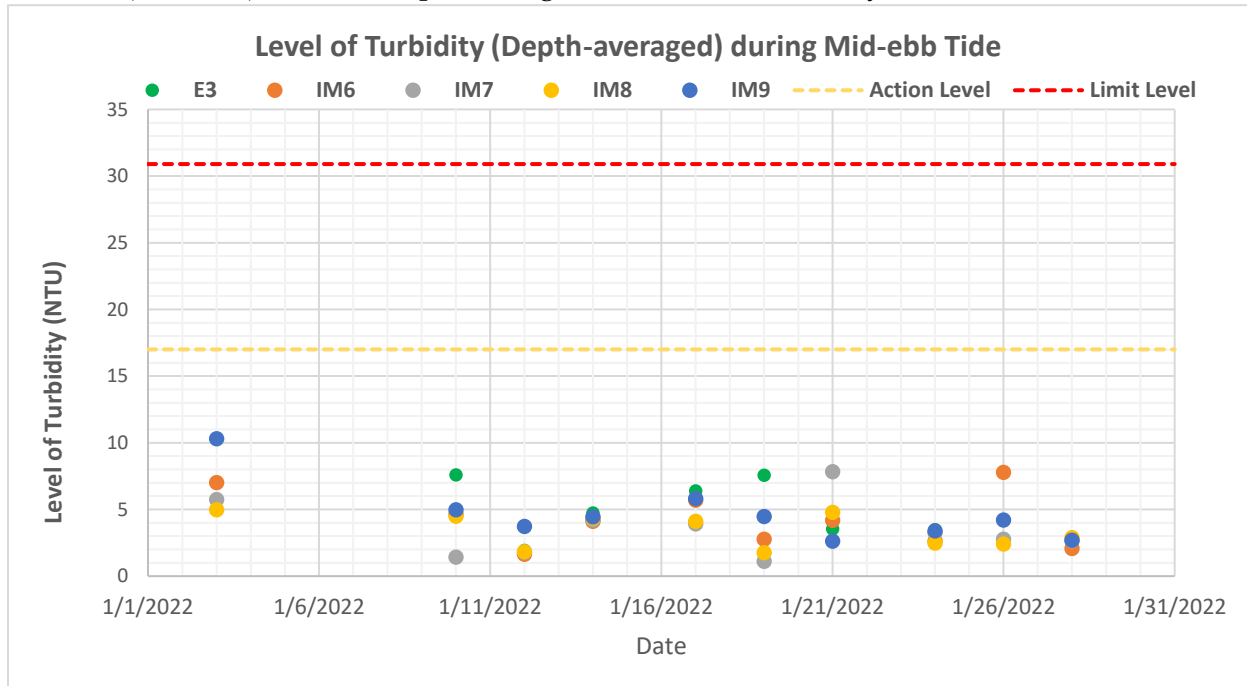


Figure G3b: Levels of Depth-averaged Turbidity (NTU) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in January 2022.

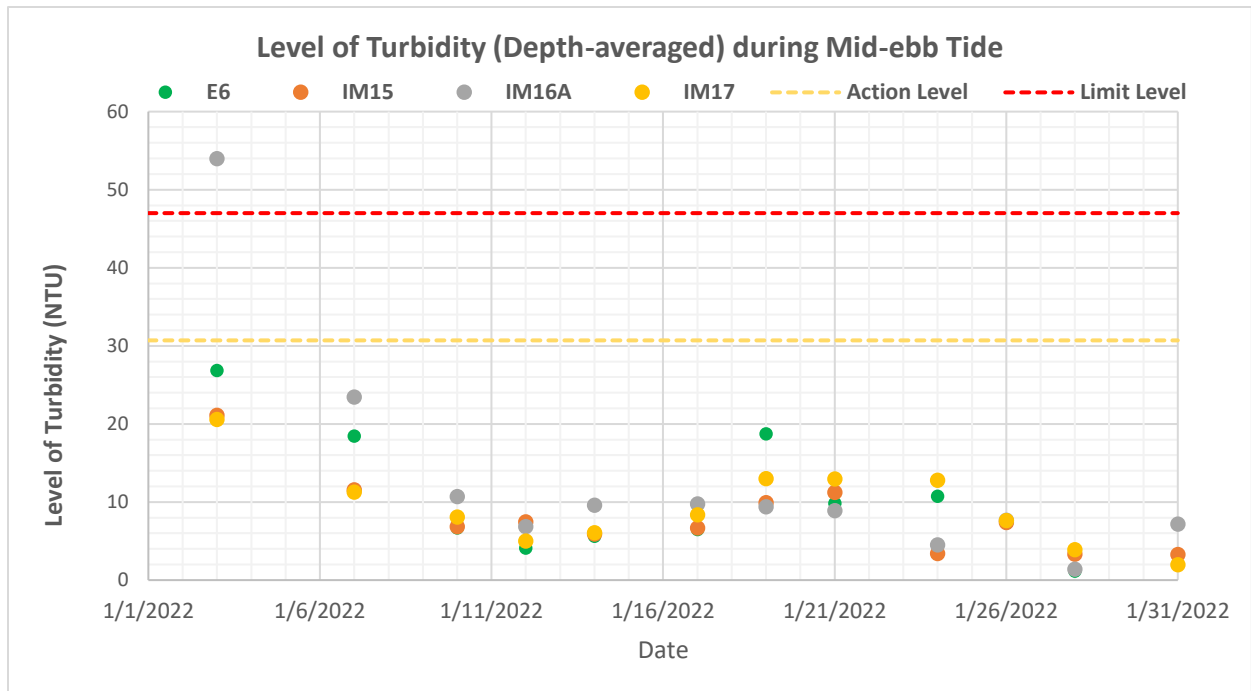


Figure G3c: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in January 2022.

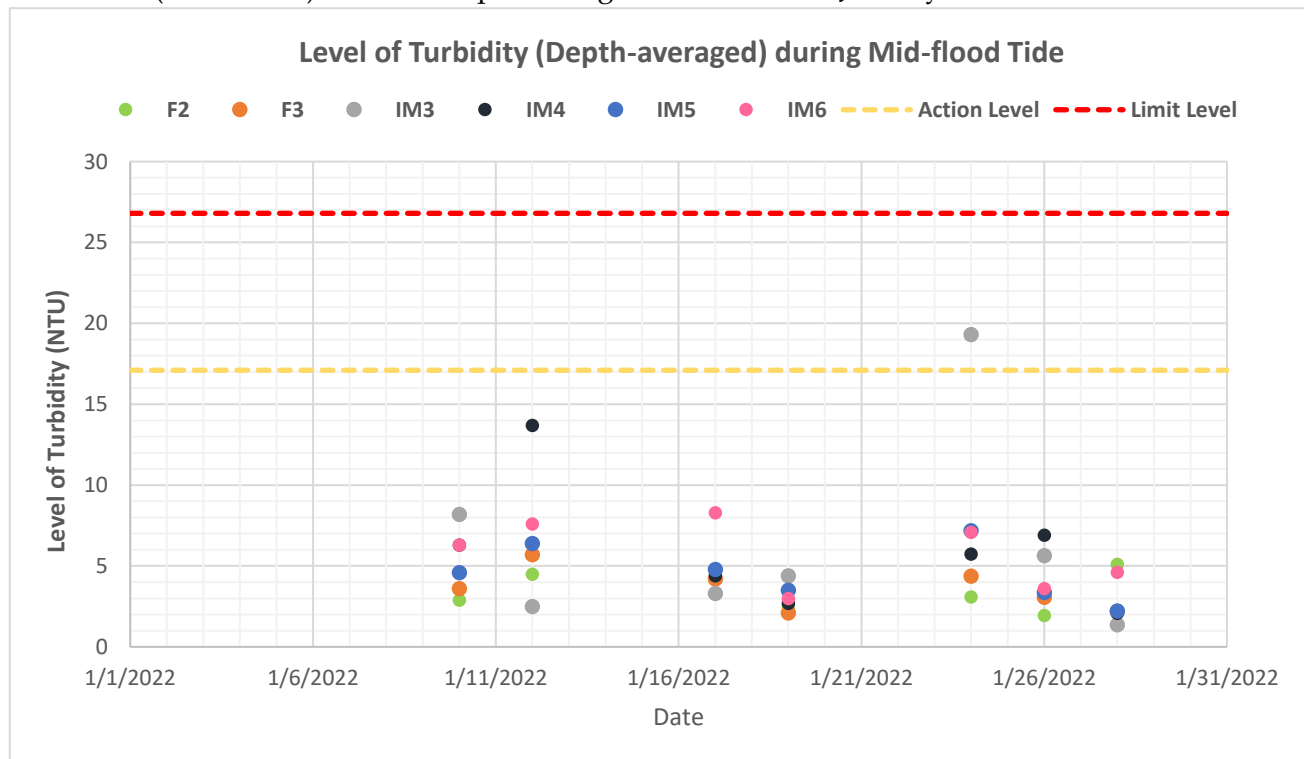


Figure G3d: Levels of Depth-averaged Turbidity (NTU) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in January 2022.

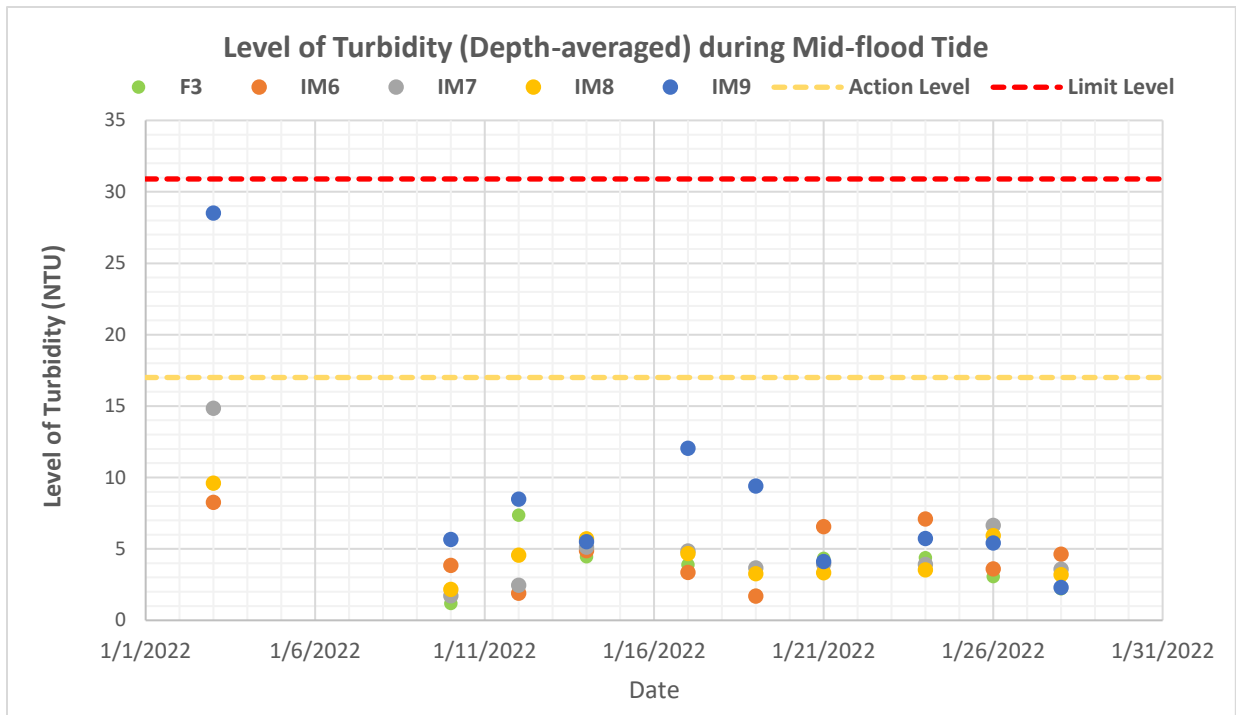


Figure G3e: Levels of Depth-averaged Turbidity (NTU) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in January 2022.

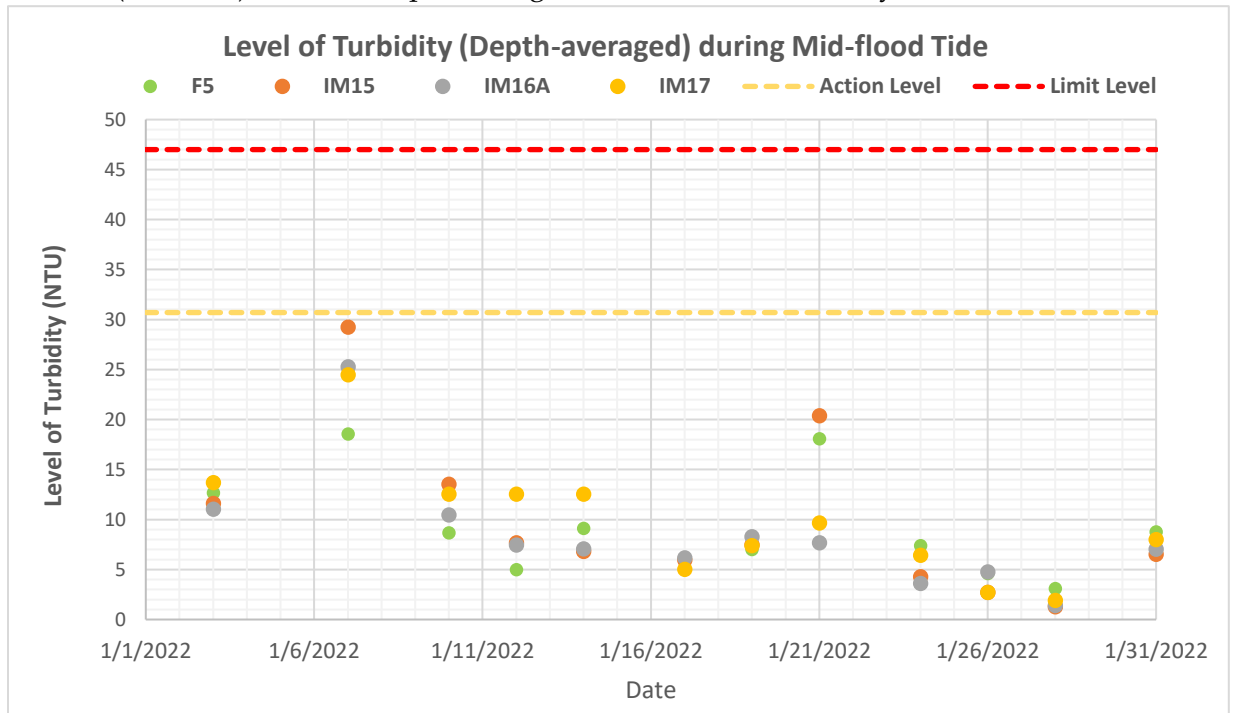


Figure G3f: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in January 2022.

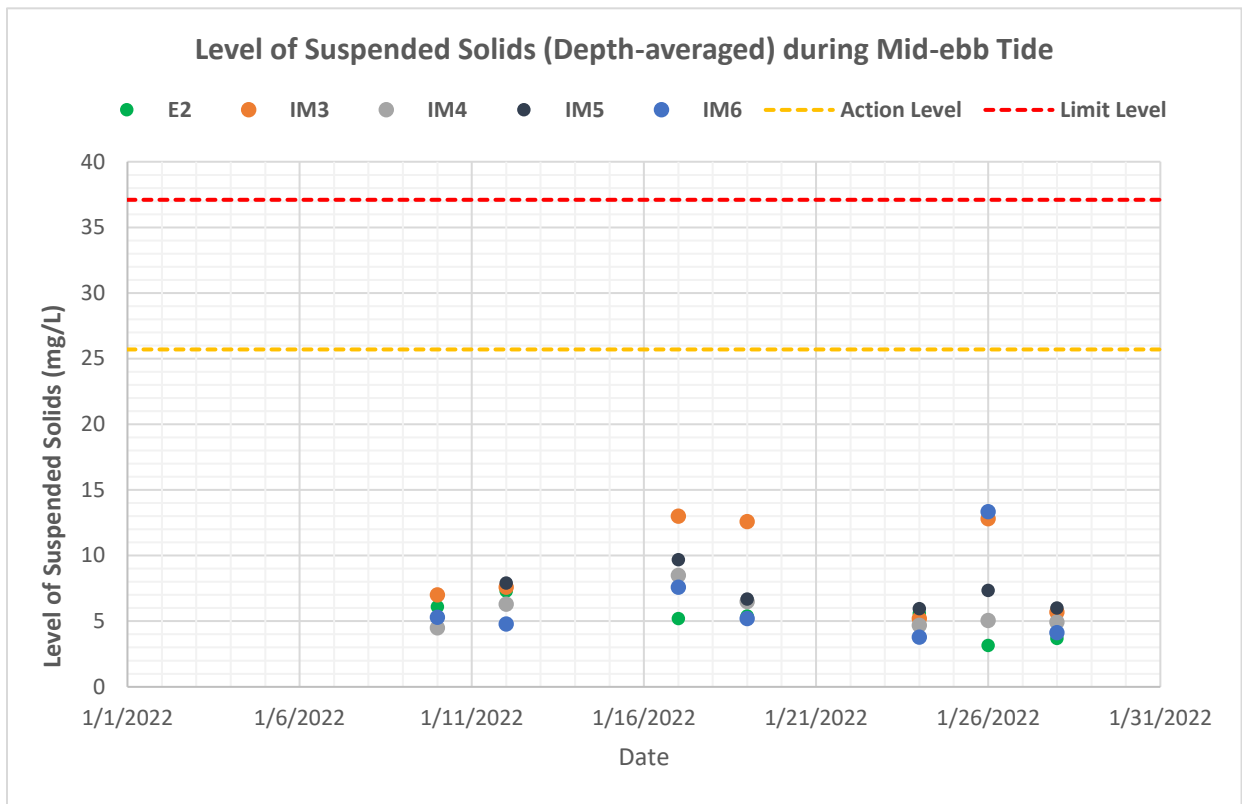


Figure G4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in January 2022.

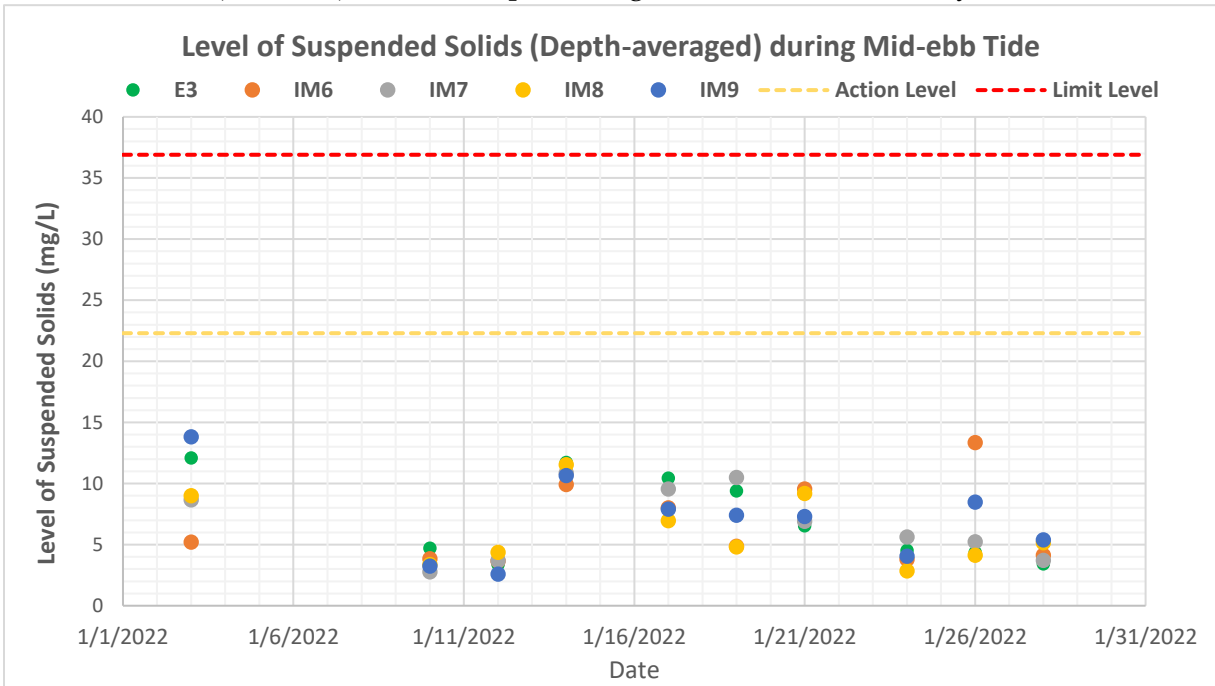


Figure G4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in January 2022.

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

Date: 14/2/22

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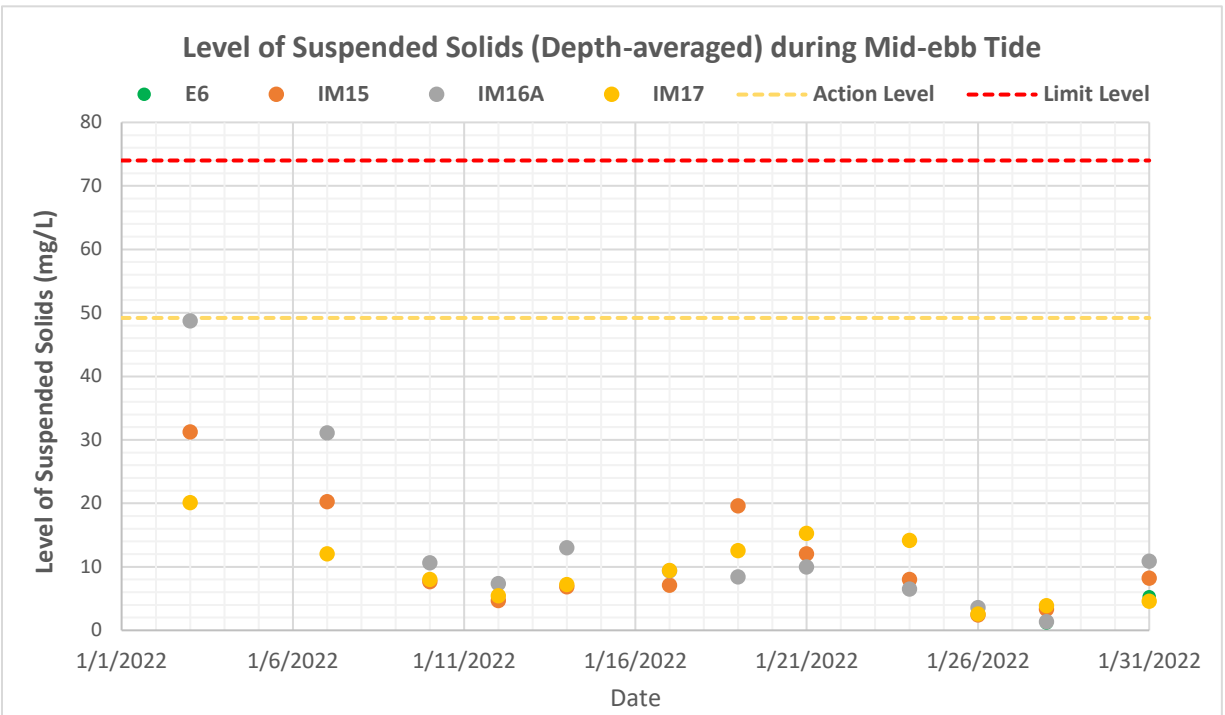


Figure G4c: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in January 2022.

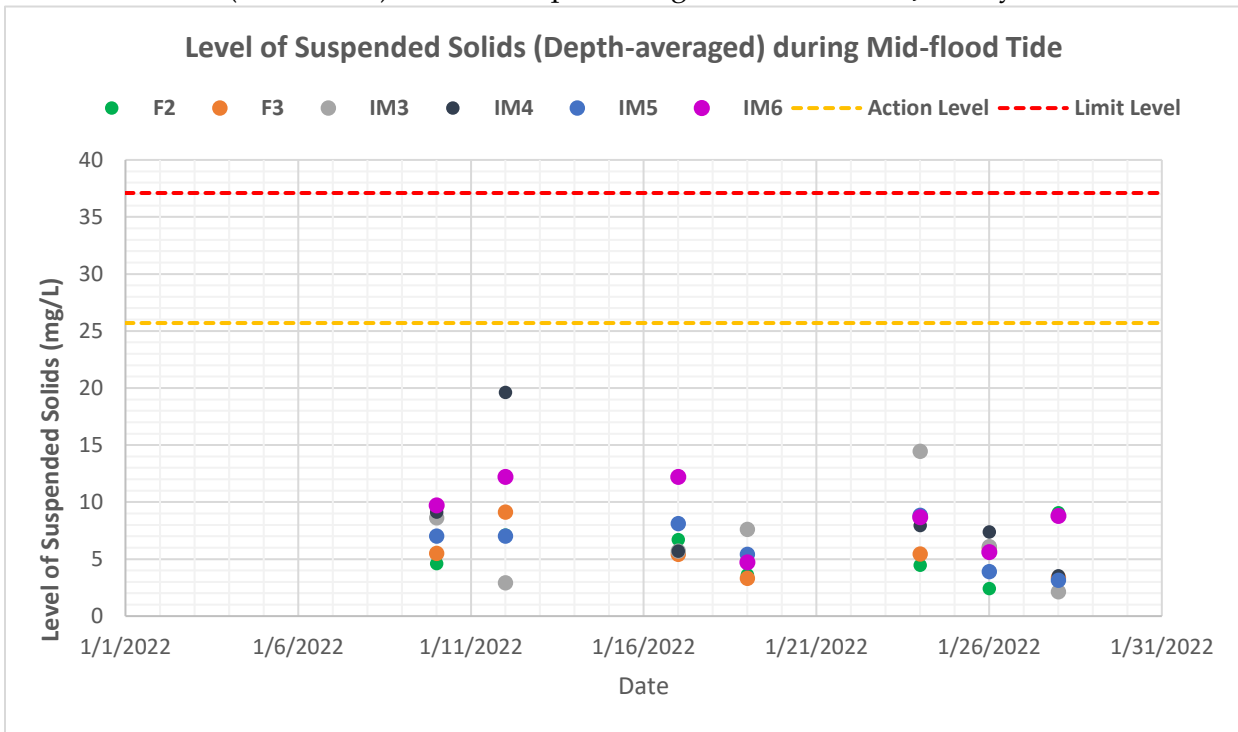


Figure G4d: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in January 2022.

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

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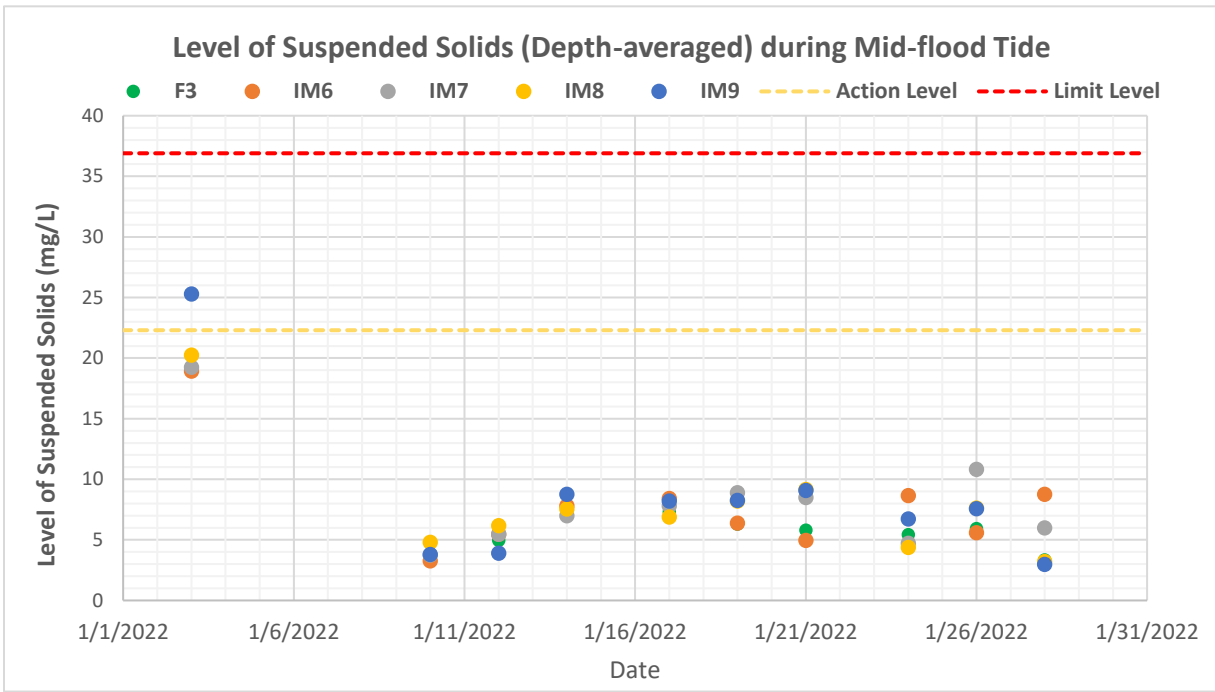


Figure G4e: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in January 2022.

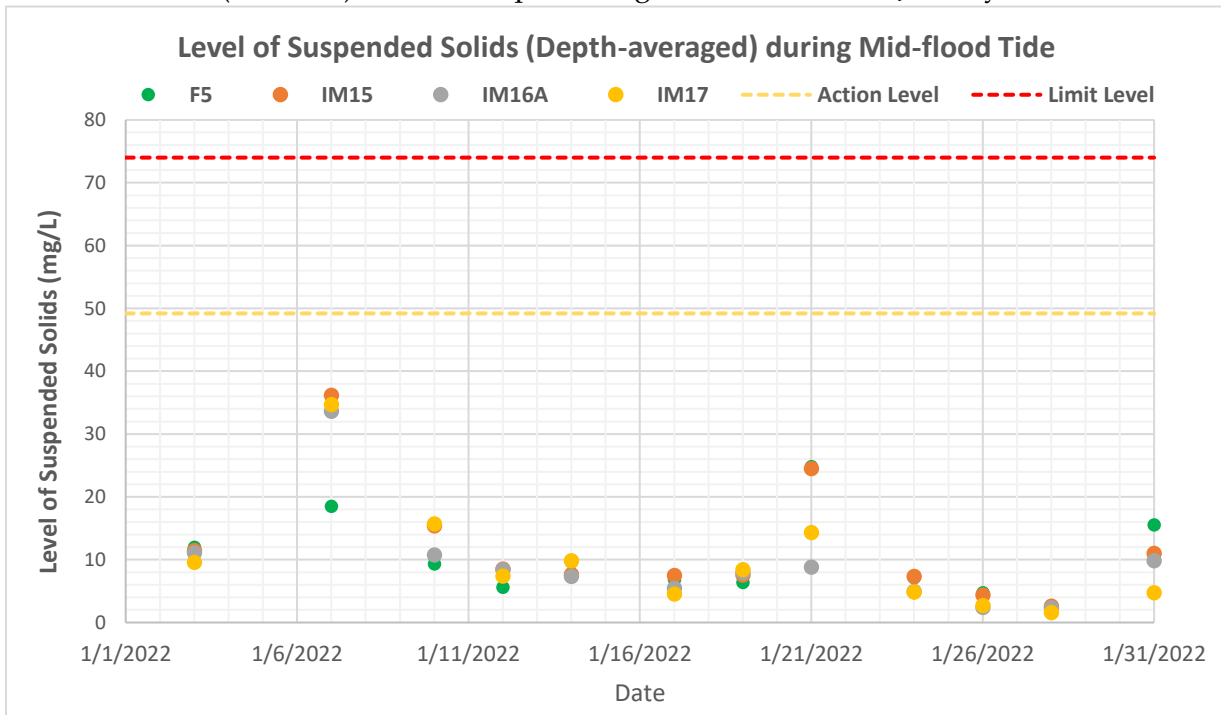


Figure G4f: Levels of Depth-averaged Suspended Solid (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in January 2022.

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

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