

ANNEX G

CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS

Water Quality Monitoring Data Log Sheet

Date: 2021/11/01

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
E5	Fine	Moderate	09:15	6.3	S	0.45	14	25.61	25.61	32.70	32.70	8.15	8.16	91.3	91.4	6.20	6.21	6.19	3.9	3.8	4.3	5.2	5.0	5.2	
						0.66	270	25.61		32.70		8.16		91.5		6.21			3.7			4.8			
						0.30	341	25.58		32.69		8.15		90.9		6.18			4.3			5.2			
					M	1.14	326	25.58	25.58	32.70	32.70	8.15	8.15	90.8	90.9	6.17	6.18	4.1	4.2	5.0	5.1	5.6	5.5	5.4	5.5
						0.36	224	25.58		32.69		8.13		90.9		6.18		4.9		5.4					
						0.36	224	25.58		32.69		8.14		90.8		6.17		4.8		5.4					
IM15	Fine	Moderate	09:01	7.8	S	0.29	13	25.62	25.62	32.63	32.64	8.12	8.12	90.4	90.5	6.14	6.15	6.14	3.0	3.2	4.8	4.3	4.7	6.6	
						0.29	13	25.61		32.64		8.12		90.6		6.15			3.4			5.1			
						0.33	323	25.59		25.60		32.65		32.65		8.10			8.11			90.2			90.2
					0.28	108	25.60	32.65	8.11		90.1	6.12	3.6		5.2										
					0.69	191	25.59	25.59	32.67		32.67	8.08	8.09		90.3	90.0	6.13	6.11		7.4	7.7	9.9	9.9	9.8	
					0.51	271	25.59		32.67	8.09		89.6		6.09	7.9		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; S: 1 m above the seabed

Water Quality Monitoring Data Log Sheet

Date: 2021/11/01

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)			
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
F5	Fine	Moderate	15:01	5.0	S	0.70	141	25.78	25.76	32.72	32.72	8.06	8.06	92.2	92.2	6.24	6.24	6.24	7.0	7.2	9.5	10.4	10.1	13.9	
						0.88	74	25.74		32.72		8.06		92.1		6.24		7.3	9.8						
					B	0.34	147	25.71	25.71	32.76	32.80	8.05	8.05	91.0	90.4	6.17	6.13	6.13	10.9	11.9	12.8	12.8	15.9	17.8	19.6
						1.24	360	25.70		32.84		8.05		89.7		6.08		3.7	4.2		4.5				
IM15	Fine	Moderate	15:25	7.3	S	0.18	215	25.77	25.78	32.21	32.21	8.09	8.10	93.2	93.4	6.33	6.35	6.33	3.7	3.7	4.5	4.2	4.8	5.8	
						0.47	303	25.78		32.21		8.10		93.6		6.36			3.7			4.8			
					M	0.29	199	25.76	25.76	32.21	32.21	8.08	8.08	93.1	93.1	6.32	6.32	6.32	6.32	4.1	4.0	5.4	6.1	7.2	7.1
						0.59	286	25.76		32.21		8.08		93.0		6.32		3.9		5.8					
					B	0.37	2	25.75	25.75	32.22	32.22	8.06	8.07	93.3	92.9	6.34	6.31	6.31	6.31	5.7	5.8	7.1	7.2	7.3	
						0.37	2	25.75		32.22		8.07		92.5		6.28		5.9		7.3					

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/11/05

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)		Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E2	Fine	Calm	12:19	8.7	S	0.50	344	26.40	26.42	33.27	33.27	8.10	8.10	110.5	112.4	7.38	7.50	7.16	3.2	3.1	6.1	4.8	5.1	6.3
						0.63	199	26.43		33.26		8.10		114.2		7.62			3.0					
						0.21	123	26.06	33.30	8.06	101.5	6.82	4.3											
					M	0.21	123	26.06	26.06	33.30	8.06	101.5	6.82	6.82	3.9	4.1	5.4							
						0.30	167	26.03	26.03	33.31	8.05	98.0	6.58	11.2	8.4									
						0.30	167	26.03		33.31	8.04	97.1	6.52	11.1	8.1									
IM3	Fine	Calm	10:57	15.0	S	0.09	235	26.29	26.31	33.07	33.07	8.05	8.06	108.7	109.8	7.28	7.35	7.01	2.0	2.0	4.3	3.2	3.4	4.4
						0.09	235	26.33		33.06		8.06		110.8		7.42			1.9					
						1.05	79	26.11	26.10	33.19	8.03	99.4	6.67	3.4										
					M	0.84	157	26.09	26.10	33.21	8.03	99.3	6.67	3.5	3.5	4.0								
						1.03	199	26.05	26.05	33.23	8.01	98.4	6.61	6.9	5.9									
						0.78	127	26.04	26.05	33.25	8.02	97.3	6.54	7.8	5.7									
IM4	Fine	Calm	11:21	17.0	S	0.75	244	26.39	26.39	33.18	33.19	8.10	8.10	115.3	116.4	7.71	7.78	7.45	2.0	1.9	2.5	3.0	3.2	4.6
						0.75	244	26.38		33.19		8.10		117.5		7.85			1.7					
						0.52	153	26.19	26.17	33.23	8.06	106.6	7.15	2.6										
					M	0.37	322	26.15	26.17	33.24	8.06	105.6	7.08	2.9	2.8	4.3								
						0.25	1	26.02	26.02	33.30	8.06	103.7	6.97	2.8	2.9	6.2								
						0.68	263	26.01	26.02	33.30	8.06	102.7	6.90	3.0	2.9	5.9								
IM5	Fine	Calm	11:56	15.0	S	1.17	252	26.32	26.32	33.29	33.30	8.12	8.12	114.8	115.5	7.68	7.72	7.55	2.4	2.6	2.5	3.1	2.9	3.6
						1.17	252	26.31		33.30		8.12		116.1		7.76			2.7					
						0.69	96	25.96	25.97	33.39	8.10	109.3	7.35	1.8										
					M	0.71	64	25.97	25.97	33.39	8.11	110.0	7.40	7.38	2.0	1.9	3.6							
						0.76	111	25.83	25.83	33.41	8.08	103.2	6.95	2.9	3.0	4.1								
						0.76	111	25.83	25.83	33.41	8.08	102.0	6.87	3.1	3.0	4.4								
IM6	Fine	Calm	11:42	14.0	S	1.05	53	25.96	25.96	33.37	33.37	8.07	8.07	100.2	100.4	6.74	6.75	6.71	1.7	1.8	2.2	3.2	3.1	3.5
						1.05	53	25.96		33.37		8.07		100.5		6.76			1.8					
						0.26	21	25.83	25.84	33.39	8.07	98.5	6.64	2.1	2.0	3.6								
					M	0.48	313	25.84	25.84	33.37	8.07	99.3	6.69	1.9	3.6									
						0.52	348	25.75	25.75	33.40	8.07	97.4	6.57	2.6	4.0									
						0.52	348	25.75	25.75	33.40	8.06	96.4	6.50	3.0	4.1									

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/11/05

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	18:09	19.0	S	1.10	277	25.98	25.98	33.44	33.40	8.19	8.19	102.5	102.5	6.89	6.89	6.95	1.4	1.4	3.0	2.7	2.6	4.3		
						1.10	277	25.98		33.36		8.19		102.5		6.89			1.4			2.5				
						1.05	266	25.95	25.97	28.54	28.28	8.19	8.19	101.0	101.4	6.98	7.02	1.6	1.5	3.5						
					M	0.40	284	25.98	25.73	27.39	27.42	8.18	8.18	96.6	96.3	6.75	6.73	5.6	6.0	6.8	6.9	3.2	3.4		6.8	6.9
						0.67	321	25.73		27.39		8.18		96.6		6.75		5.6		6.8						
						0.67	321	25.73		27.45		8.18		96.0		6.70		6.4		7.0						
F3	Fine	Calm	17:28	17.2	S	1.80	176	26.13	26.13	33.43	33.41	8.22	8.22	107.0	107.2	7.17	7.18	7.08	1.2	1.2	3.0	3.9	3.8	4.7		
						1.80	176	26.13		33.39		8.22		107.3		7.19			7.18			1.2			3.7	
						0.88	300	25.96	25.98	32.50	32.32	8.20	8.21	102.8	103.3	6.95	6.99	2.0	1.9	3.8						
					M	0.63	103	25.99	25.72	32.13	29.20	8.21	8.18	103.7	97.2	7.02	6.72	6.99	6.72	5.4	5.9	4.1	4.0		6.2	6.4
						0.99	276	25.72		29.14		8.18		97.4		6.74		5.4		6.2						
						0.99	276	25.72		29.26		8.18		96.9		6.70		6.4		6.5						
IM3	Fine	Calm	16:20	14.1	S	0.78	285	26.50	26.49	33.15	33.16	8.17	8.18	118.6	119.6	7.91	7.98	7.44	3.6	3.7	8.2	7.7	7.6	13.3		
						0.17	164	26.48		33.16		8.18		120.6		8.05			3.7			7.4				
						0.83	164	26.13	26.13	33.17	33.17	8.10	8.10	102.6	102.6	6.89	6.89	10.1	9.9	15.3						
					M	0.46	162	26.12	26.11	33.17	33.16	8.10	8.07	102.6	101.0	6.89	6.78	6.89	6.78	9.6	11.0	15.8	15.6		16.4	16.7
						0.75	174	26.11		33.15		8.06		101.6		6.82		10.3		16.4						
						0.75	174	26.10		33.17		8.08		100.4		6.74		11.6		16.9						
IM4	Fine	Calm	16:42	16.2	S	1.30	104	26.28	26.28	33.25	33.25	8.19	8.20	112.3	114.2	7.52	7.65	7.27	3.8	3.6	8.4	5.5	5.3	8.7		
						0.28	353	26.28		33.25		8.20		116.1		7.77			3.3			5.1				
						0.24	263	26.10	26.10	33.27	33.27	8.15	8.15	102.5	102.7	6.88	6.89	7.1	7.1	9.5						
					M	1.14	270	26.10	26.04	33.27	33.28	8.15	8.13	102.8	100.7	6.90	6.76	6.89	6.76	7.0	14.5	9.3	9.4		11.5	11.3
						0.79	157	26.04		33.28		8.13		101.1		6.79		13.3		9.3						
						0.31	339	26.04		33.28		8.13		100.2		6.73		15.7		11.0						
IM5	Fine	Calm	17:02	15.2	S	0.98	320	26.38	26.39	33.37	33.37	8.29	8.30	131.8	132.8	8.80	8.87	8.54	1.3	1.3	2.7	3.5	3.3	5.7		
						0.98	320	26.39		33.37		8.30		133.8		8.93			1.3			3.0				
						0.75	51	26.18	26.19	33.39	33.39	8.25	8.25	122.0	122.8	8.17	8.22	1.5	1.4	5.6						
					M	0.17	256	26.19	25.86	33.39	33.41	8.25	8.18	123.5	103.6	8.27	6.97	8.27	6.97	1.3	5.3	5.8	5.7		7.9	8.2
						0.92	236	25.86		33.38		8.18		103.7		6.98		5.7		7.9						
						0.97	294	25.86		33.43		8.18		103.4		6.96		4.8		8.4						
IM6	Fine	Calm	17:15	13.8	S	0.41	254	26.13	26.14	33.42	33.43	8.22	8.22	109.0	109.5	7.31	7.34	7.06	1.3	1.3	2.5	2.7	2.6	4.2		
						0.86	294	26.14		33.43		8.22		109.9		7.37			1.2			2.5				
						1.64	313	25.81	25.82	33.38	33.36	8.18	8.19	100.4	100.7	6.77	6.79	2.8	2.7	4.6						
					M	0.42	320	25.83	25.79	33.33	30.90	8.19	8.18	100.9	99.9	6.80	6.83	6.80	6.83	2.6	3.7	4.2	4.4		5.9	5.7
						0.55	233	25.79		29.99		8.18		100.3		6.89		3.6		5.9						
						0.24	225	25.79		31.81		8.17		99.5		6.77		3.7		5.5						

Remark: * DA: Depth-Averaged

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Water Quality Monitoring Data Log Sheet

Date: 2021/11/05

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity (NTU)			Suspended Solids (mg/L)					
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*		
E5	Fine	Moderate	11:02	7.2	S	0.40	11	25.32	25.33	33.80	33.80	8.00	8.00	97.5	97.9	6.61	6.64	6.62	12.4	11.8	21.8	14.3	14.4	25.7		
						0.37	34	25.34		33.80		8.00		98.2		6.66			11.2			14.5				
						0.25	41	25.17		33.75		33.77		7.99		97.3			6.62			23.2			23.8	
					M	0.51	319	25.17	25.16	33.78	33.38	7.99	7.99	97.1	99.3	6.60	6.77	24.4	29.8	6.77	29.4	29.8	21.8	39.1	39.1	25.7
						0.39	338	25.16		33.35		7.98		100.4		6.84		30.2			30.2					
						0.39	338	25.16		33.40		7.99		98.2		6.69		30.2			39.1					
IM15	Fine	Moderate	11:26	8.3	S	0.48	302	25.15	25.16	34.07	34.07	8.05	8.05	97.0	97.1	6.59	6.59	6.57	14.2	14.5	16.2	16.4	16.2	18.6		
						0.21	52	25.17		34.07		8.05		97.1		6.59			14.7			14.7				
						0.18	318	25.12		34.10		8.04		96.5		6.56			16.3			17.9				
					M	0.41	95	25.13	25.13	34.09	34.10	8.05	8.05	96.3	96.4	6.54	6.55	15.5	15.9	6.55	17.6	15.9	16.2	17.6	17.8	18.6
						0.15	283	25.12		34.11		8.04		96.7		6.57		19.4			21.6					
						0.15	283	25.12		34.11		8.04		96.4		6.55		17.3			22.0					
B	0.15	283	25.12	25.12	34.11	34.11	8.04	8.04	96.4	96.6	6.55	6.56	17.3	18.4	6.56	17.3	18.4	16.2	22.0	21.8	18.6					
	0.15	283	25.12		34.11		8.04		96.4		6.55		17.3			22.0										

Remark: * DA: Depth-Averaged

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Date: 2021/11/05

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F5	Fine	Moderate	17:23	5.3	S	0.53	95	25.59	25.59	33.83	33.83	8.00	8.01	99.7	99.5	6.73	6.72	6.72	11.1	11.1	14.9	11.3	11.1	14.0
						0.81	33	25.58		33.83		8.01		99.2		6.70			11.1			10.9		
					B	0.39	23	25.30	25.30	34.05	34.06	7.99	7.99	97.1	96.9	6.58	6.57	6.57	18.3	18.7	17.0	16.7	16.9	
						0.70	30	25.29		34.06		7.99		96.7		6.55			19.0					
IM15	Fine	Moderate	16:47	7.4	S	0.83	265	25.49	25.49	32.91	32.92	7.90	7.90	96.6	96.9	6.57	6.59	6.56	15.0	15.2	17.5	15.5	15.4	19.8
						0.90	287	25.49		32.92		7.90		97.1		6.60			15.4			15.3		
					M	0.66	260	25.48	25.48	32.94	32.95	7.90	7.90	96.2	96.2	6.54	6.54	6.54	19.0	18.4	19.4	19.9	19.7	
						0.21	237	25.48		32.95		7.89		96.2		6.54			17.8					
					B	0.21	237	25.48	25.48	32.95	32.96	7.88	7.88	96.4	95.7	6.55	6.51	6.51	18.0	19.0	18.0	19.9	24.2	
						0.34	225	25.48		32.96		7.88		95.0		6.46			19.9					24.4

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Water Quality Monitoring Data Log Sheet

Date: 2021/11/10

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Fine	Calm	03:50	6.7	S	1.28	245	24.30	24.30	19.42	19.41	8.25	8.26	101.7	101.6	7.62	7.62	7.4	7.1	7.65	8.4	8.5	10.4	
						1.28	245	24.29		19.40		8.26		101.5		7.61		6.8						
						0.21	291	24.31	24.31	19.54	19.53	8.20	8.21	103.1	102.7	7.72	7.69	8.7						
					0.40	120	24.30	19.52		8.22		102.3		7.66		8.1								
					0.78	161	24.30	20.22		8.05		106.7		7.96		10.1								
					B	0.24	167	24.30	24.30	19.59	19.91	8.13	8.09	104.7	105.7	7.84	7.90	9.6	9.9	13.8	13.4			
1.20	193	23.94	20.93	8.30		99.2	7.42	3.3																
1.27	187	23.93	20.94	8.30		99.1	7.41	3.3																
IM15	Fine	Calm	03:36	7.4	S	0.30	190	24.06	24.04	21.15	21.13	8.30	8.30	99.9	99.8	7.44	7.44	3.6	3.5	7.43	5.2	5.4	5.7	
						0.60	22	24.01		21.11		8.30		99.6		7.43		3.4						
						0.86	154	24.35	24.37	21.60	21.59	8.16	8.23	104.2	102.6	7.70	7.58	4.3						
					0.71	162	24.39	21.57		8.29		101.0		7.46		4.4								
					0.30	190	24.06	21.15		8.30		99.9		7.44		3.6								
					M	0.60	22	24.01	24.04	21.11	21.13	8.30	8.30	99.6	99.8	7.43	7.44	3.4	3.5	5.5				
0.86	154	24.35	21.60	8.16		104.2	7.70	4.3																
0.71	162	24.39	21.57	8.29		101.0	7.46	4.4																

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/11/10

Tide: Mid-Flood

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
F5	Fine	Moderate	15:12	5.4	S	0.22	281	23.95	23.95	20.12	20.10	8.17	8.18	101.3	101.8	7.61	7.65	7.65	7.6	7.1	9.9	10.3	10.6	13.1
						0.58	56	23.95		20.08		8.18		102.3		7.68		6.5	10.9					
					B	0.61	2	23.96	23.96	22.51	21.88	8.10	8.13	101.3	101.2	7.50	7.52	7.52	12.8	12.7	15.8	15.5		
						0.19	124	23.95		21.25		8.15		101.0		7.53		12.6						
IM15	Fine	Moderate	14:44	7.0	S	0.38	16	24.03	24.03	21.37	21.33	7.95	7.96	94.8	94.7	7.06	7.06	7.08	11.9	12.2	13.3	14.1	14.4	17.7
						0.38	16	24.02		21.28		7.96		94.6		7.05		12.4	14.7					
					M	0.77	81	24.02	24.02	21.49	21.48	7.88	7.90	95.9	95.5	7.14	7.11	7.08	13.5	13.8	18.5	18.5		
						1.31	45	24.02		21.46		7.91		95.0		7.07		14.1						
					B	0.95	50	24.02	24.02	21.30	21.41	7.64	7.71	100.4	99.2	7.48	7.38	7.38	14.0	14.0	20.7	20.3		
						0.95	49	24.02		21.51		7.77		97.9		7.28		13.9	19.9					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/11/12

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*	
E5	Fine	Moderate	07:41	6.5	S	0.57	224	23.00	23.00	30.45	30.47	8.03	8.03	93.8	93.9	6.75	6.76	6.67	3.3	3.1	5.3	2.0	2.2	3.9	
						0.31	156	23.00		30.48		8.02		94.0		6.76			2.9						
						1.44	195	23.59		32.73		8.06		93.5		6.59			5.3						
					M	0.59	181	23.51	23.55	32.37	32.55	8.05	8.06	93.5	93.5	6.60	6.60	6.60	6.60	7.8	7.6	3.4	5.1	3.4	3.4
						0.18	278	23.69		33.07		8.07		94.8		6.64		4.8							
						0.73	250	23.69		33.13		8.05		93.5		6.55		6.0							
					B	0.02	228	23.08	23.07	31.96	31.96	8.06	8.06	94.4	94.7	6.72	6.74	6.60	6.60	7.4	7.6	6.4	6.0	6.2	6.2
						0.02	228	23.08		31.95		8.06		94.9		6.76		3.2							
						0.44	155	23.77		33.38		8.07		94.0		6.56		3.3							
IM15	Fine	Moderate	07:26	7.2	S	0.46	238	23.76	23.77	33.37	33.38	8.07	8.07	94.0	94.0	6.56	6.56	6.65	6.2	6.0	5.6	4.3	4.5	4.8	
						0.82	199	23.78		33.41		8.08		94.0		6.56			5.8						
						0.82	199	23.78		33.40		8.07		93.7		6.54			6.4						
					M	0.44	155	23.77	23.77	33.38	33.38	8.07	8.07	94.0	94.0	6.56	6.56	6.65	6.65	7.6	7.7	4.7	6.0	4.7	4.5
						0.46	238	23.76		33.37		8.07		94.0		6.56		5.8							
						0.82	199	23.78		33.41		8.08		94.0		6.56		6.4							
					B	0.82	199	23.78	23.78	33.40	33.41	8.07	8.08	93.7	93.9	6.54	6.55	6.55	6.55	7.7	7.7	6.7	6.0	6.6	6.6

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/11/12

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	Fine	Moderate	13:29	5.1	S	0.33	4	23.67	23.68	32.32	32.32	8.11	8.11	97.7	97.7	6.87	6.87	6.87	5.4	5.0	6.3	3.6	3.7	4.2
						0.33	4	23.68		32.32		8.11		97.6		6.87			4.6			3.8		
					B	0.38	195	23.78	23.78	33.01	33.00	8.10	8.10	97.6	97.4	6.83	6.81	6.81	7.8	7.7	4.8	4.7		
						0.38	195	23.78		32.98		8.10		97.1		6.79			7.5		4.6			
IM15	Fine	Moderate	13:03	6.5	S	0.78	42	24.14	24.14	32.29	32.29	7.99	7.99	94.6	94.6	6.60	6.60	6.59	2.9	2.8	3.6	2.5	2.4	2.8
						0.78	42	24.14		32.29		7.99		94.5		6.60			2.6			2.3		
					M	0.29	70	24.06	24.09	32.44	32.39	7.99	7.99	94.3	94.3	6.59	6.59	3.4	3.2	2.6	2.8			
						0.11	67	24.12		32.33		7.99		94.3		6.58		2.9		3.0				
					B	0.39	299	23.89	23.90	32.82	32.83	7.99	8.00	94.6	94.6	6.61	6.61	4.9	4.9	3.2	3.3			
						0.39	299	23.91		32.83		8.00		94.5		6.60		4.8		3.3				

Remark: * DA: Depth-Averaged

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

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Water Quality Monitoring Data Log Sheet

Date: 2021/11/15

Tide: Mid-Ebb

Monitoring Station	Weather Condition	Sea Condition**	Sampling Time	Water Depth	Depth Level ***	Current Velocity (m/s)	Current Direction	Temperature (°C)		Salinity (ppt)		pH		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)		
								Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
E5	Cloudy	Calm	10:48	6.0	S	0.85	201	23.50	23.50	33.40	33.40	8.07	8.07	104.7	105.0	7.34	7.36	7.24	3.8	4.0	5.0	3.9	3.8	5.0
						0.85	201	23.50		33.40		8.07		105.2		7.38			4.2			3.7		
					M	0.49	194	23.59	23.59	34.06	34.06	8.06	8.06	102.1	102.1	7.12	7.12	5.4	5.7	5.5	5.4	5.3		
						0.29	239	23.59		34.06		8.06		102.0		7.12		5.9		5.6				
					B	0.33	152	23.58	23.58	34.12	34.12	8.06	8.06	102.0	101.9	7.11	7.10	5.3	5.3	5.3	5.3	6.0	5.8	5.6
						0.32	62	23.58		34.12		8.06		101.7		7.09		5.3		6.0				
IM15	Cloudy	Calm	10:35	6.7	S	0.68	207	23.67	23.66	34.49	34.46	8.02	8.03	104.4	104.5	7.25	7.26	7.25	4.3	4.2	5.3	6.2	6.1	5.3
						0.68	207	23.65		34.43		8.03		104.6		7.27			4.1			5.9		
					M	0.54	225	23.68	23.68	34.52	34.52	8.01	8.01	104.1	104.2	7.23	7.24	4.7	4.7	5.0	5.2	5.3		
						0.26	269	23.67		34.51		8.01		104.2		7.24		4.6		5.0				
					B	0.13	141	23.67	23.68	34.54	34.54	8.02	8.02	104.7	104.5	7.27	7.26	4.8	4.9	4.6	4.8	4.9		
						0.30	99	23.68		34.54		8.01		104.3		7.24		5.0		4.9				

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/11/15

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	15:23	5.1	S	0.15	101	23.81	23.81	34.03	34.03	8.10	8.10	106.0	105.8	7.37	7.36	7.36	4.7	4.5	5.4	5.3	5.3	5.9
						0.45	9	23.81		34.03		8.10		105.6		7.34		4.2	5.2					
					B	0.28	105	23.81	23.82	34.05	34.11	8.13	8.13	105.7	106.2	7.35	7.38	7.38	5.8	6.3	6.8	6.4	6.5	
						0.45	91	23.82		34.16		8.12		106.6		7.40		6.8	6.5					
IM15	Cloudy	Calm	14:59	7.0	S	1.15	27	23.91	23.91	33.39	33.39	7.97	7.97	99.0	99.0	6.89	6.89	6.89	4.0	4.0	4.5	4.0	3.9	4.8
						1.15	27	23.90		33.38		7.97		98.9		6.89		4.0	3.8					
					M	0.53	139	23.90	23.90	33.41	33.41	7.97	7.97	99.0	98.9	6.89	6.88	6.89	4.8	5.1	4.8	5.0		
						0.15	173	23.90		33.40		7.97		98.7		6.87		5.3	5.1					
					B	0.38	269	23.90	23.90	33.38	33.38	7.97	7.97	99.7	99.4	6.94	6.92	6.92	4.4	4.6	4.4	5.4		
						0.56	303	23.90		33.38		7.97		99.1		6.90		4.7	5.4					

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/11/24

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
E4	Cloudy	Calm	13:21	11.3	S	0.47	275	23.02	23.02	35.07	35.07	8.19	8.19	97.6	97.7	6.84	6.84	7.1	7.0	12.5	10.9	10.7	15.2
						1.24	19	23.02		35.07		8.19		97.7		6.84		6.9			10.5		
						0.81	336	22.93	35.09	8.15	95.9	6.73	10.9	15.8									
					0.73	46	22.92	35.08	8.16	95.7	6.71	11.5	15.5										
					M	0.40	12	22.91	22.91	35.11	35.11	8.07	8.09	95.8	95.7	6.72	6.71	19.3	19.2		19.4	19.4	
						0.55	10	22.90		35.11		8.10		95.5		6.70		19.0			19.3		
B	0.23	49	23.21	23.22		34.95	34.95	8.18	8.19	99.4	99.5	6.94	6.95	5.8	5.5	7.0	7.3						
	0.23	49	23.22		34.95	8.19		99.6		6.96		5.1		7.6									
	0.22	128	23.11	23.12	34.96	34.96	8.18	8.18	98.2	98.4	6.87	6.88	7.5	7.4	9.6	9.4							
0.22	128	23.12	34.96		8.18		98.5		6.89		7.2		9.2										
M	0.62	210	23.06	23.07	34.98	34.98	8.17	8.17	96.4	96.6	6.75	6.76	10.6	9.8	13.1	12.9							
	0.59	336	23.07		34.98		8.17		96.7		6.77		9.0		12.7								
	B	0.62	210	23.06	23.07	34.98	34.98	8.17	8.17	96.4	96.6	6.75	6.76	10.6	9.8	13.1	12.9						
0.59		336	23.07	34.98		8.17		96.7		6.77		9.0		12.7									
S		1.42	213	22.98	22.99	34.96	34.96	8.17	8.17	97.2	97.1	6.82	6.81	22.6	22.7	31.3	31.6						
	1.15	184	22.99	34.96		8.17		97.0		6.80		22.8		31.9									
	B	0.31	159	22.95	22.96	34.95	34.95	8.16	8.17	97.8	97.5	6.86	6.84	27.7	27.4	23.7	22.9						
0.71		218	22.96	34.95		8.17		97.2		6.82		27.1		22.1									
IM12		Cloudy	Calm	14:04	13.0	S	0.53	357	23.22	23.22	34.99	34.99	8.18	8.18	97.5	97.5	6.81	6.81	6.9	6.8	12.9	11.9	12.0
	0.53						357	23.22	34.99		8.18		97.5		6.81		6.6		12.0				
	0.28						42	23.15	23.14	34.95	34.96	8.17	8.18	95.9	95.9	6.71	6.71	12.1	12.5	15.4		14.9	
	0.28					42	23.13	34.96		8.18		95.8		6.70		12.8		14.4					
	M					0.41	312	23.09	23.10	34.76	34.81	8.17	8.17	96.4	96.1	6.76	6.73	19.6	19.5	17.1		17.5	
						0.59	327	23.10		34.86		8.17		95.7		6.70		19.3		17.8			
B		1.28	71	23.11	23.11	35.08	35.08	8.20	8.20	97.0	97.1	6.78	6.79	7.6	7.5	9.8	9.6						
	1.28	71	23.11	35.08		8.20		97.1		6.79		7.4		9.4									
	M	0.39	260	23.08	23.08	35.08	35.08	8.18	8.19	96.0	96.0	6.72	6.72	12.2	11.6	13.3	13.4						
0.18		155	23.08	35.08		8.19		96.0		6.72		10.9		13.4									
B		0.78	55	23.07	23.07	35.06	35.07	8.15	8.16	96.1	96.0	6.73	6.72	18.1	17.9	21.8	21.6						
	0.78	55	23.07	35.07		8.17		95.8		6.70		17.7		21.4									
	IM14	Cloudy	Calm	13:32	11.2	S	0.63	335	22.99	22.99	35.01	35.01	8.19	8.20	97.2	97.3	6.81	6.82	8.4	8.5	12.3	11.7	11.6
0.62							196	22.98	35.01		8.20		97.3		6.82		8.5		11.4				
0.37							262	22.90	22.90	35.01	35.01	8.18	8.18	95.2	95.2	6.68	6.68	12.9	13.5	12.1		12.2	
0.46						306	22.90	35.01		8.18		95.1		6.68		14.1		12.3					
M						0.69	322	22.89	22.89	35.00	35.01	8.15	8.16	96.4	95.9	6.77	6.74	14.3	14.9	12.6		12.9	
						0.69	322	22.89		35.01		8.16		95.4		6.70		15.5		13.1			
	B	0.63	335	22.99	22.99	35.01	35.01	8.19	8.20	97.2	97.3	6.81	6.82	8.4	8.5	11.7	11.6						
0.62		196	22.98	35.01		8.20		97.3		6.82		8.5		11.4									
0.37		262	22.90	22.90	35.01	35.01	8.18	8.18	95.2	95.2	6.68	6.68	12.9	13.5	12.1	12.2							
0.46	306	22.90	35.01		8.18		95.1		6.68		14.1		12.3										
B	0.69	322	22.89	22.89	35.00	35.01	8.15	8.16	96.4	95.9	6.77	6.74	14.3	14.9	12.6	12.9							
	0.69	322	22.89		35.01		8.16		95.4		6.70		15.5		13.1								

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/11/24

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*
F4	Cloudy	Calm	08:43	13.0	S	0.10	329	23.04	23.05	35.19	35.19	8.15	8.16	94.9	94.9	6.64	6.64	6.63	10.3	10.1	11.0	13.4	13.3	15.9
						0.77	15	23.05		35.19		8.16		94.9		6.64			13.2					
						0.17	150	23.02	35.21	8.12	94.6	6.62	11.3											
					M	0.80	334	23.02	35.21	8.13	94.6	6.62	11.9	15.0										
						0.68	59	23.01	35.26	7.99	95.1	6.66	11.0	15.4										
						0.48	142	23.00	35.24	8.05	94.6	6.62	11.3	18.8										
B	0.53	179	22.79	34.91	8.18	95.8	6.74	11.2	19.1															
	0.90	274	22.79	34.92	8.19	95.8	6.74	11.3	19.3															
	1.68	234	22.77	34.88	8.18	95.4	6.72	11.3	19.3															
IM10	Cloudy	Calm	09:13	11.2	S	0.53	179	22.79	22.79	34.91	34.92	8.18	8.19	95.8	95.8	6.74	6.74	6.73	9.4	9.2	15.7	13.9	14.1	20.2
						0.90	274	22.78		34.92		8.19		95.8		6.74			14.3					
						1.68	234	22.77	34.88	8.18	95.4	6.72	13.1											
					M	1.92	262	22.78	34.90	8.18	95.2	6.70	14.4	23.2										
						0.25	196	22.80	34.76	8.16	96.4	6.79	23.8	23.0										
						1.47	263	22.79	34.86	8.17	95.2	6.70	24.1	23.7										
B	0.25	196	22.80	34.76	8.16	96.4	6.79	23.8	23.7															
	1.47	263	22.79	34.86	8.17	95.2	6.70	24.3	23.7															
	1.15	355	22.73	34.99	8.18	93.9	6.61	50.6	21.6															
IM11A	Cloudy	Calm	09:27	4.0	S	1.15	355	22.72	22.73	34.99	34.99	8.18	8.18	93.9	93.9	6.61	6.61	6.61	48.1	49.4	44.3	22.0	21.6	19.3
						0.28	356	22.71		34.99		8.17		93.8		6.61			40.4					
						0.77	30	22.71	34.99	8.17	93.8	6.61	38.0											
					M	0.77	30	22.71	34.99	8.17	93.8	6.61	38.0	16.5										
						1.64	14	22.82	35.02	8.19	95.2	6.69	18.0	17.3										
						1.25	319	22.83	35.02	8.19	95.2	6.69	19.3	16.9										
B	0.71	282	22.83	35.02	8.19	95.1	6.69	22.1	15.4															
	0.71	282	22.83	35.02	8.19	95.0	6.68	22.7	14.8															
	0.53	327	22.83	35.01	8.16	95.9	6.74	22.9	18.4															
IM12	Cloudy	Calm	09:39	12.2	S	1.64	14	22.82	22.83	35.02	35.02	8.19	8.19	95.2	95.2	6.69	6.69	6.69	18.0	18.7	21.3	13.2	13.4	15.6
						1.25	319	22.83		35.02		8.19		95.2		6.69			19.3					
						0.71	282	22.83	35.02	8.19	95.1	6.69	22.1	15.4										
					M	0.71	282	22.83	35.02	8.19	95.0	6.68	22.7	14.8										
						0.53	327	22.83	35.01	8.16	95.9	6.74	22.9	18.4										
						0.97	14	22.83	35.02	8.17	95.2	6.69	22.9	18.0										
B	0.97	14	22.83	35.02	8.17	95.2	6.69	22.9	18.0															
	0.72	26	22.81	34.94	8.20	95.2	6.70	24.5	18.3															
	0.72	26	22.81	34.95	8.19	95.2	6.70	27.2	18.4															
IM13	Cloudy	Calm	09:59	16.0	S	0.72	26	22.81	22.81	34.94	34.95	8.19	8.20	94.7	94.7	6.66	6.66	6.68	48.4	45.0	39.6	15.0	15.2	15.6
						0.36	49	22.83		34.94		8.19		94.6		6.65			41.5					
						0.63	149	22.82	34.93	8.19	94.6	6.65	41.5	15.4										
					M	0.23	254	22.83	34.83	8.17	95.3	6.71	45.6	13.6										
						1.04	5	22.83	34.86	8.18	94.7	6.66	50.1	13.0										
						0.36	49	22.83	34.94	8.19	94.7	6.66	48.4	15.2										
B	0.63	149	22.82	34.93	8.19	94.6	6.65	41.5	15.4															
	0.23	254	22.83	34.83	8.17	95.3	6.71	45.6	13.6															
	1.04	5	22.83	34.86	8.18	94.7	6.66	50.1	13.0															
IM14	Cloudy	Calm	10:16	10.2	S	0.51	38	22.78	22.79	35.00	35.00	8.17	8.17	94.6	94.6	6.66	6.66	6.63	13.2	13.0	23.5	15.6	15.4	17.7
						0.01	17	22.79		35.00		8.17		94.6		6.66			12.8					
						0.55	44	22.77	34.99	8.17	93.9	6.61	18.9											
					M	0.37	326	22.77	34.99	8.17	93.7	6.60	22.4	18.0										
						0.10	143	22.77	34.99	8.16	93.5	6.58	35.5	20.2										
						1.10	108	22.77	34.99	8.16	93.3	6.57	38.1	19.5										
B	0.10	143	22.77	34.99	8.16	93.5	6.58	35.5	20.2															
	1.10	108	22.77	34.99	8.16	93.3	6.57	38.1	19.5															
	0.51	38	22.78	35.00	8.17	94.6	6.66	13.2	15.4															

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/11/26

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*
E4	Cloudy	Calm	04:08	12.0	S	0.56	176	22.73	22.68	34.92	34.90	8.22	8.22	96.5	97.0	6.80	6.84	6.77	3.7	3.5	6.7	3.4	3.7	8.4
						1.28	265	22.63		34.88		8.22		97.4		6.88			3.3					
						0.19	145	23.02	23.02	35.12	35.13	8.20	8.20	95.8	95.8	6.71	6.71	6.78	6.78	6.78	6.78	11.1	11.1	6.0
					0.54	182	23.02	35.13		8.20		95.7		6.70		5.5								
					0.22	353	23.08	35.15		8.18		96.9		6.78		11.1		15.5						
					IM10	Cloudy	Calm	02:55	12.0	S	0.37	91	23.00	23.00	35.13	35.13	8.10	8.11	94.8	94.9	6.64	6.65	6.64	15.7
0.49	58	22.99	35.12	8.11							94.9	6.65	14.6											
1.10	67	23.01	23.01	35.17							35.16	8.05	8.06	94.9	94.9	6.64	6.64	18.6	18.5	6.68	6.68	19.3	21.1	21.7
0.51	323	23.01		35.15						8.07		94.8		6.64		18.3								
0.08	80	23.03		35.18						7.98		95.8		6.70		23.5								
IM11A	Cloudy	Calm	03:07	5.0						S	0.62	220	22.94	22.94	35.19	35.19	8.17	8.17	95.7	95.7	6.71	6.71	6.71	27.3
					0.62	220	22.94	35.19	8.17		95.6	6.70	27.9											
					1.06	206	22.95	22.96	35.19		35.19	8.17	8.32	96.4	96.3	6.76	6.75	33.6	33.8	6.75	6.75	33.9	33.8	50.0
					1.06	206	22.96		35.19	8.46		96.1		6.73		50.9								
					0.60	173	23.02		35.15	8.19		96.1		6.73		7.2								
					IM12	Cloudy	Calm	03:19	13.0	S	0.64	166	23.03	23.03	35.16	35.16	8.19	8.19	96.0	96.1	6.72	6.73	6.72	7.5
1.09	129	23.03	35.15	8.18							95.9	6.71	8.9											
0.11	40	23.05	23.04	35.15							35.15	8.18	8.18	95.9	95.9	6.71	6.71	10.5	9.7	6.73	6.73	23.6	25.0	12.4
0.66	236	23.08		35.09						8.15		96.5		6.75		9.2								
0.70	121	23.08		35.11						8.16		95.8		6.70		26.3								
IM13	Cloudy	Calm	03:43	17.1						S	0.85	222	22.97	22.97	35.10	35.10	8.20	8.20	95.8	95.8	6.71	6.71	6.71	6.7
					0.54	197	22.97	35.10	8.20		95.8	6.71	6.7											
					1.02	211	22.97	22.98	35.07		35.08	8.19	8.19	95.9	95.8	6.72	6.72	6.9	7.0	6.74	6.74	12.7	12.0	8.9
					1.27	188	22.98		35.08	8.19		95.7		6.71		8.9								
					0.74	14	22.97		35.01	8.18		96.3		6.75		14.2								
					IM14	Cloudy	Calm	03:55	11.0	S	1.07	165	22.92	22.92	35.08	35.08	8.20	8.21	95.8	95.9	6.72	6.73	6.70	6.5
0.62	352	22.92	35.08	8.21							95.9	6.73	6.4											
0.07	117	23.06	23.04	35.15							35.14	8.19	8.20	95.4	95.4	6.67	6.68	13.3	12.2	6.72	6.72	11.1	11.1	14.7
0.24	195	23.02		35.13						8.20		95.4		6.68		14.0								
0.10	236	23.07		35.15						8.17		96.5		6.75		20.6								
					0.61	234	23.07	35.16	8.18															

Remark: * DA: Depth-Averaged

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

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

Water Quality Monitoring Data Log Sheet

Date: 2021/11/26

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*
F4	Fine	Calm	16:14	13.0	S	0.24	65	23.13	23.11	34.87	34.88	8.13	8.13	99.5	99.7	6.96	6.98	6.83	3.6	3.6	6.8	4.7	4.5	8.6
						0.24	65	23.08		34.88		8.13		99.8		6.99			3.5			4.2		
						0.82	198	22.98	34.91	8.13	95.4	6.69	6.0	8.1										
					M	1.31	310	22.99	34.91	8.12	95.3	6.68	5.3	7.5	7.8									
						0.43	264	23.00	34.89	8.17	96.5	6.77	10.1	13.4										
						0.43	264	23.00	34.90	8.15	95.4	6.69	12.1	13.7										
IM10	Fine	Calm	15:44	11.8	S	1.10	224	23.63	23.61	34.97	34.97	8.13	8.14	101.8	102.1	7.06	7.08	6.97	4.9	4.7	9.2	5.0	4.7	9.9
						0.37	229	23.59		34.96		8.14		102.3		7.10			4.5			4.3		
						0.45	199	23.29	34.95	8.11	98.3	6.86	8.9	9.7										
					M	0.81	189	23.30	34.95	8.12	98.2	6.85	8.4	8.7	9.5									
						1.11	261	23.28	34.95	8.11	98.9	6.90	14.5	15.6										
						1.11	261	23.28	34.95	8.11	98.2	6.85	13.8	15.4										
IM11A	Fine	Calm	15:34	5.0	S	1.47	71	23.22	23.22	34.99	34.99	8.12	8.12	101.3	101.3	7.07	7.07	7.07	18.2	18.3	20.2	22.9	23.0	28.7
						0.43	200	23.22		34.99		8.12		101.3		7.07			18.4			23.1		
					B	0.39	216	23.17	34.98	8.12	101.5	7.09	21.8	34.0										
						0.30	266	23.19	34.98	8.12	101.2	7.07	22.3	34.6										
IM12	Fine	Calm	15:24	13.0	S	0.86	43	23.20	23.20	34.95	34.96	8.12	8.12	96.9	97.0	6.77	6.78	6.75	10.8	10.4	16.8	14.2	13.9	22.6
						0.62	262	23.20		34.96		8.11		97.1		6.78			10.0			13.5		
						1.09	70	23.23	34.94	8.13	96.3	6.73	16.8	21.6										
					M	0.32	285	23.22	34.95	8.13	96.3	6.73	14.9	15.9	21.5									
						0.50	294	23.26	34.88	8.18	97.0	6.77	23.2	32.1										
						0.50	294	23.26	34.92	8.16	96.3	6.72	25.1	32.8										
IM13	Fine	Calm	15:03	17.0	S	1.22	316	23.21	23.21	35.10	35.11	8.13	8.13	97.0	97.1	6.77	6.78	6.74	9.9	9.9	17.0	12.0	11.9	16.5
						0.46	20	23.21		35.11		8.13		97.1		6.78			9.8			11.7		
						M	0.93	79	23.18	35.09	8.12	96.1	6.71	15.5	17.7									
					0.93		79	23.18	35.09	8.12	96.0	6.70	16.2	17.3	17.5									
					0.37		335	23.16	35.04	8.10	96.5	6.74	24.8	19.9										
					B	1.23	61	23.16	35.06	8.11	95.9	6.70	25.8	20.3										
0.38	95	23.18	35.11	8.09		98.2	6.86	8.8	10.4															
0.74	46	23.18	35.10	8.10		98.9	6.91	8.2	8.5															
IM14	Fine	Calm	14:53	11.0	S	0.38	95	23.18	23.18	35.11	35.11	8.09	8.10	98.2	98.6	6.86	6.89	6.79	8.8	8.5	12.4	10.4	10.3	16.1
						0.74	46	23.18		35.10		8.10		98.9		6.91			8.2			8.5		
						0.14	36	22.99	35.12	8.08	95.7	6.70	13.1	12.5										
					M	0.74	232	22.99	35.12	8.08	95.7	6.70	11.9	15.0										
						0.77	10	22.98	35.04	8.11	96.7	6.78	16.0	22.2										
						0.77	10	22.99	35.02	8.09	95.8	6.72	16.6	23.0										

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

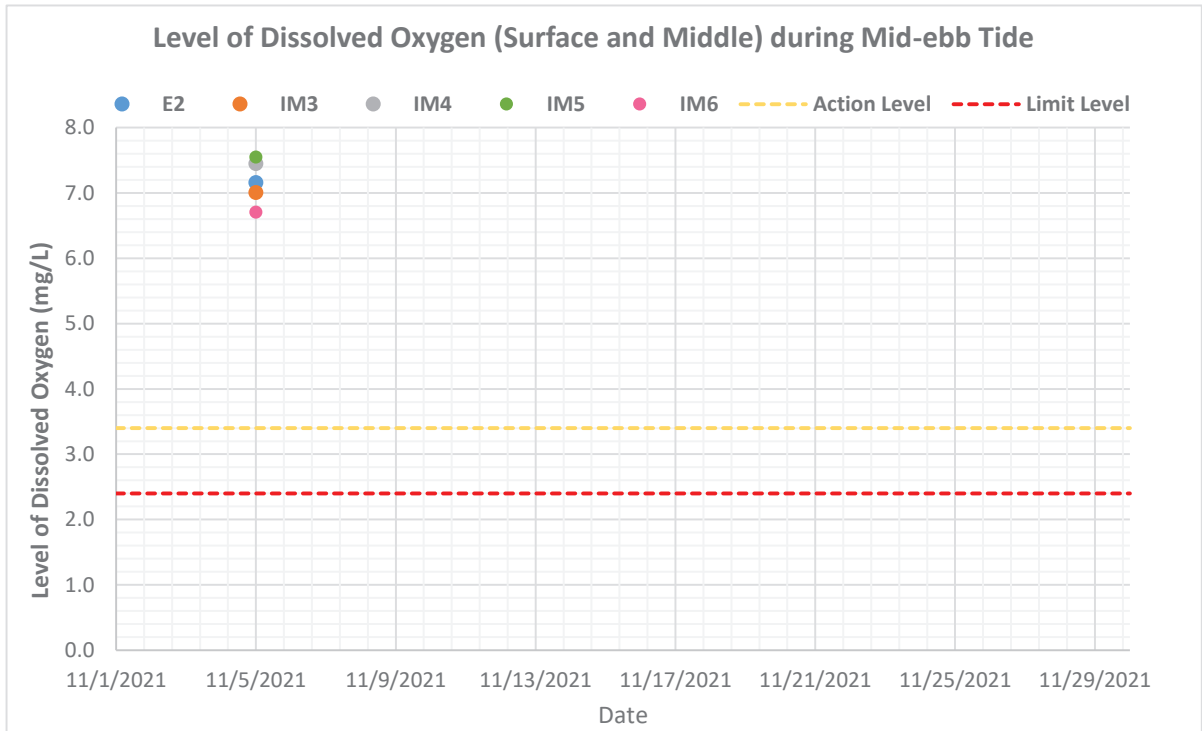


Figure G1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in November 2021.

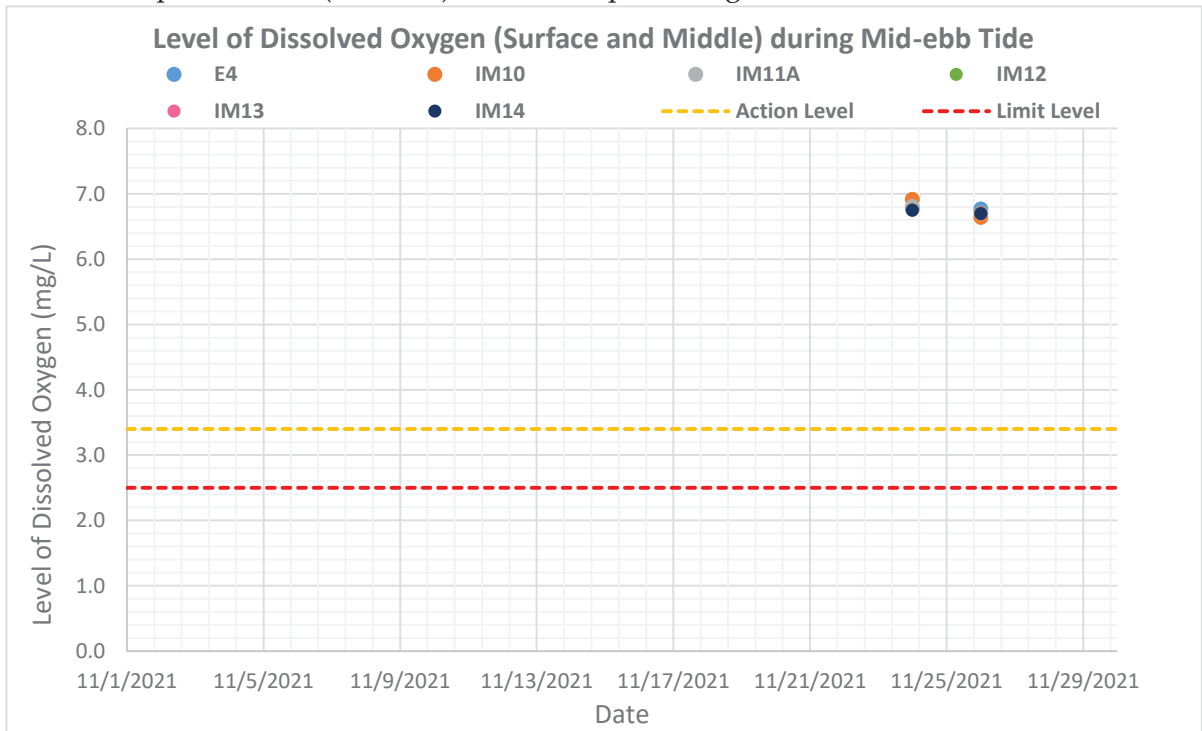


Figure G1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E4) and impact station (IM10-IM14) under Group 4 during mid-ebb tides in November 2021.

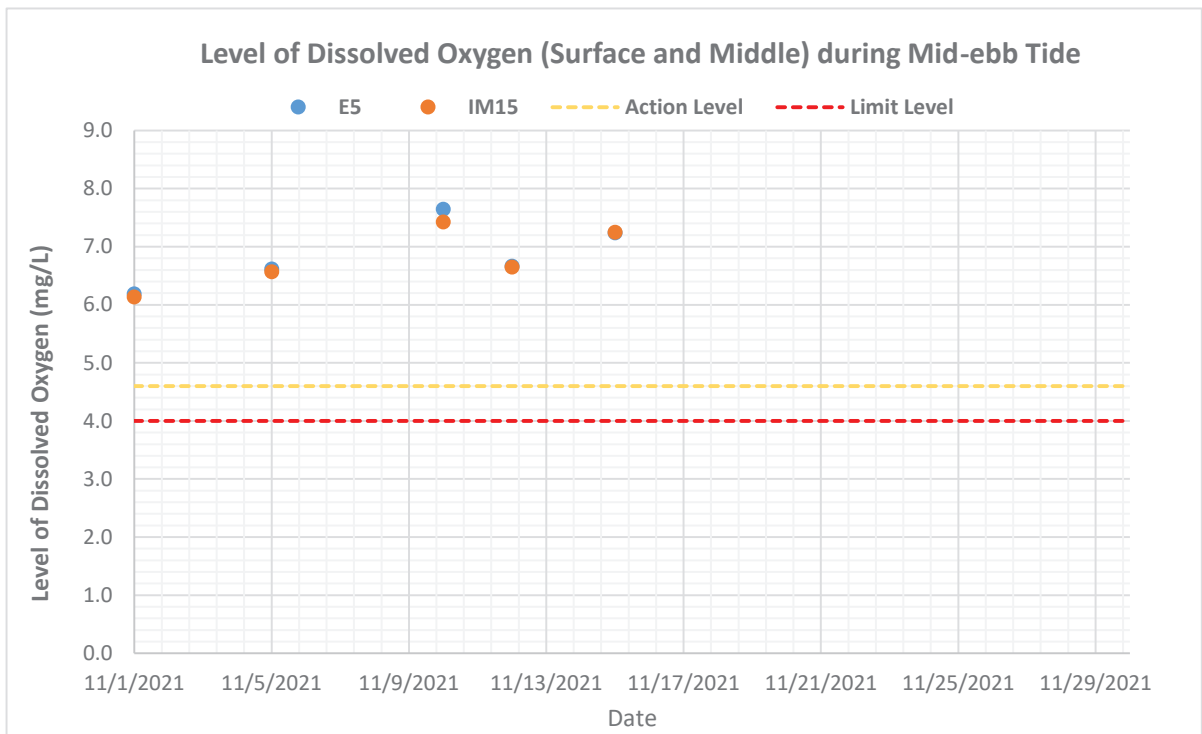


Figure G1c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E5) and impact stations (IM15) under Group 5 during mid-ebb tides in November 2021.

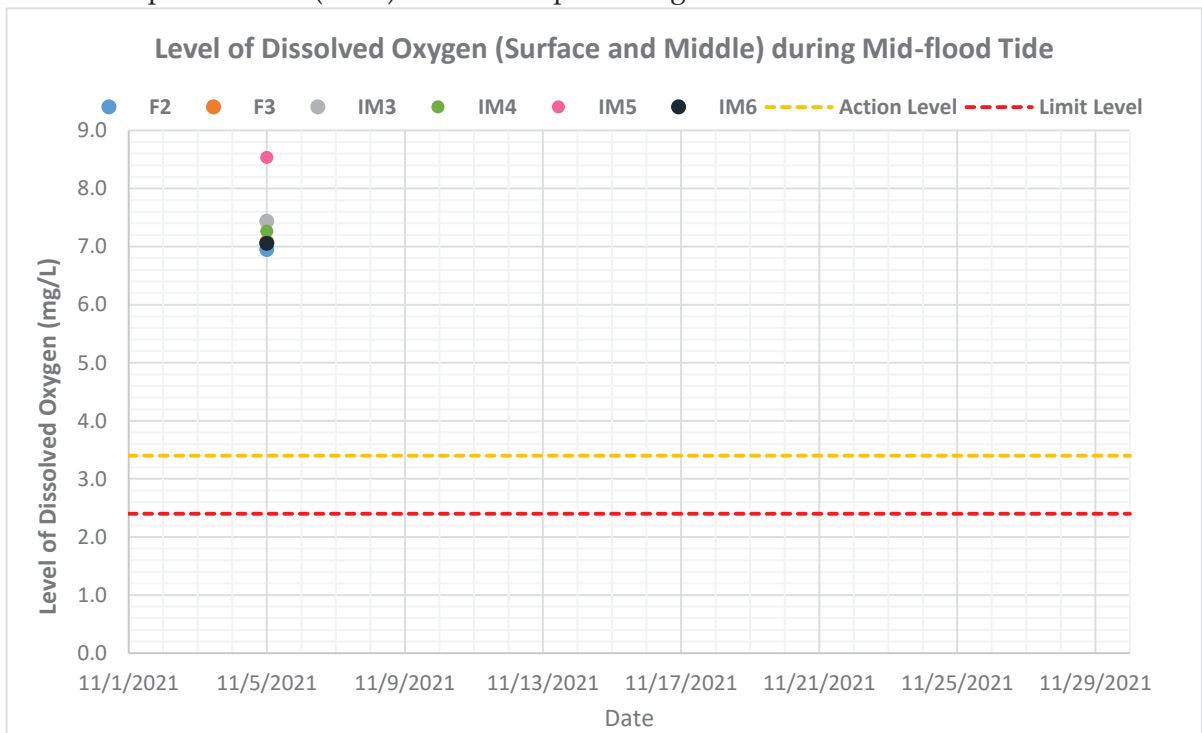


Figure G1d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in November 2021.

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

Date: 9/11/21

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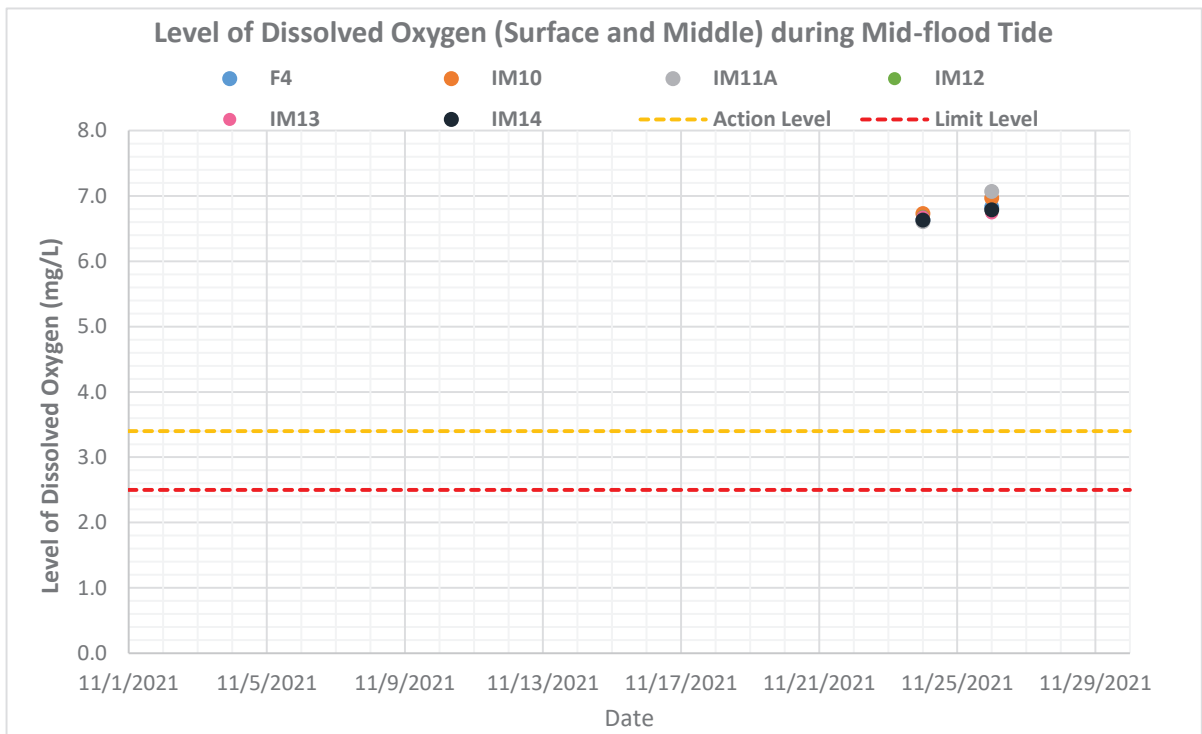


Figure G1e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F4) and impact station (IM10-IM14) under Group 4 during mid-flood tides in November 2021.

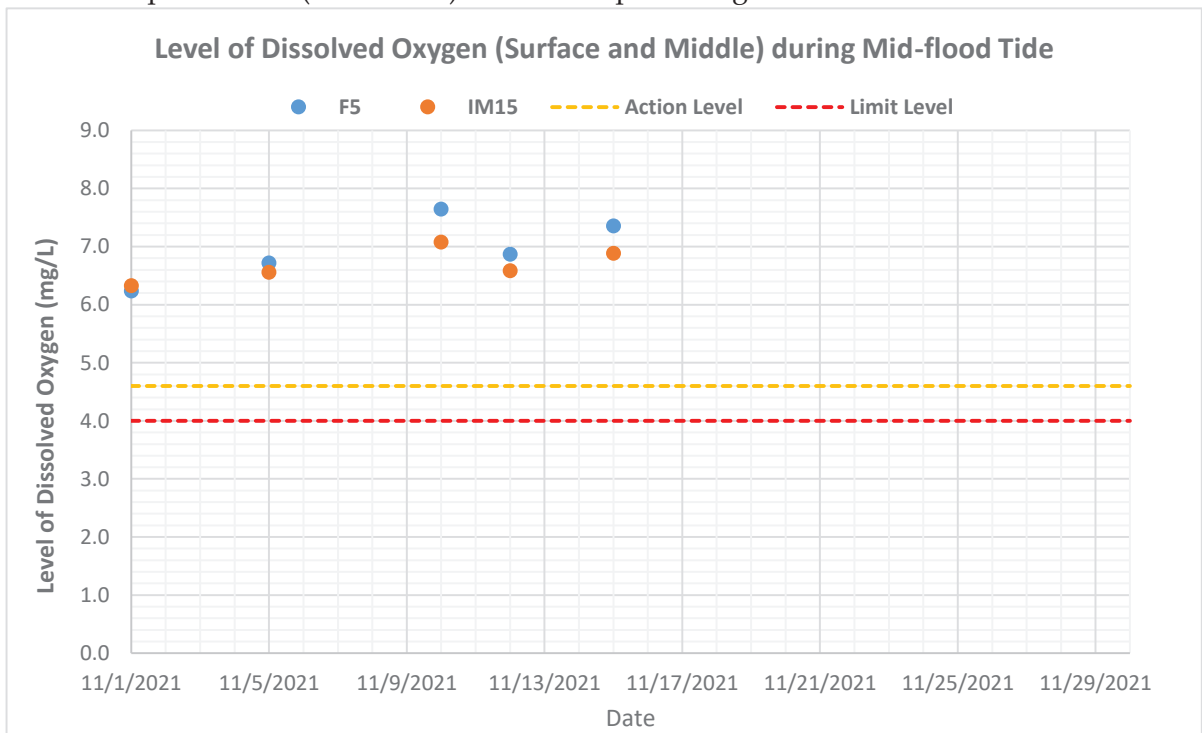


Figure G1f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact stations (IM15) under Group 5 during mid-flood tides in November 2021.

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

Date: 9/11/21

**Environmental
Resources
Management**



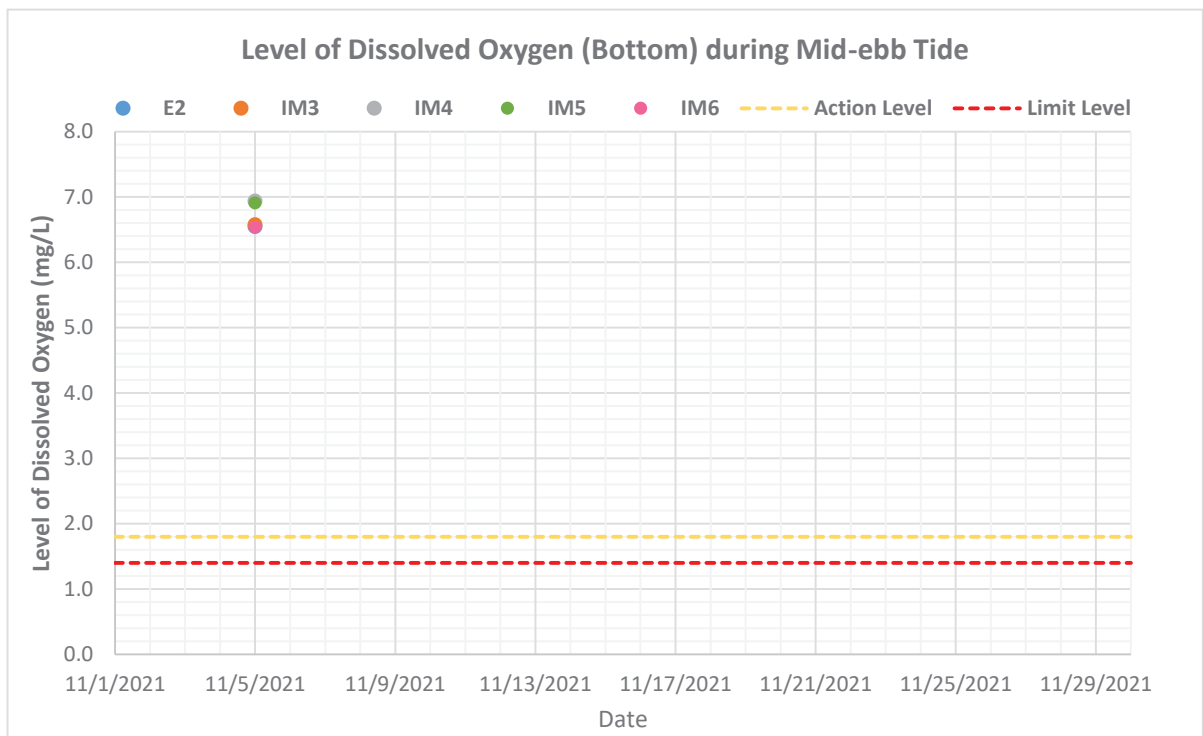


Figure G2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in November 2021.

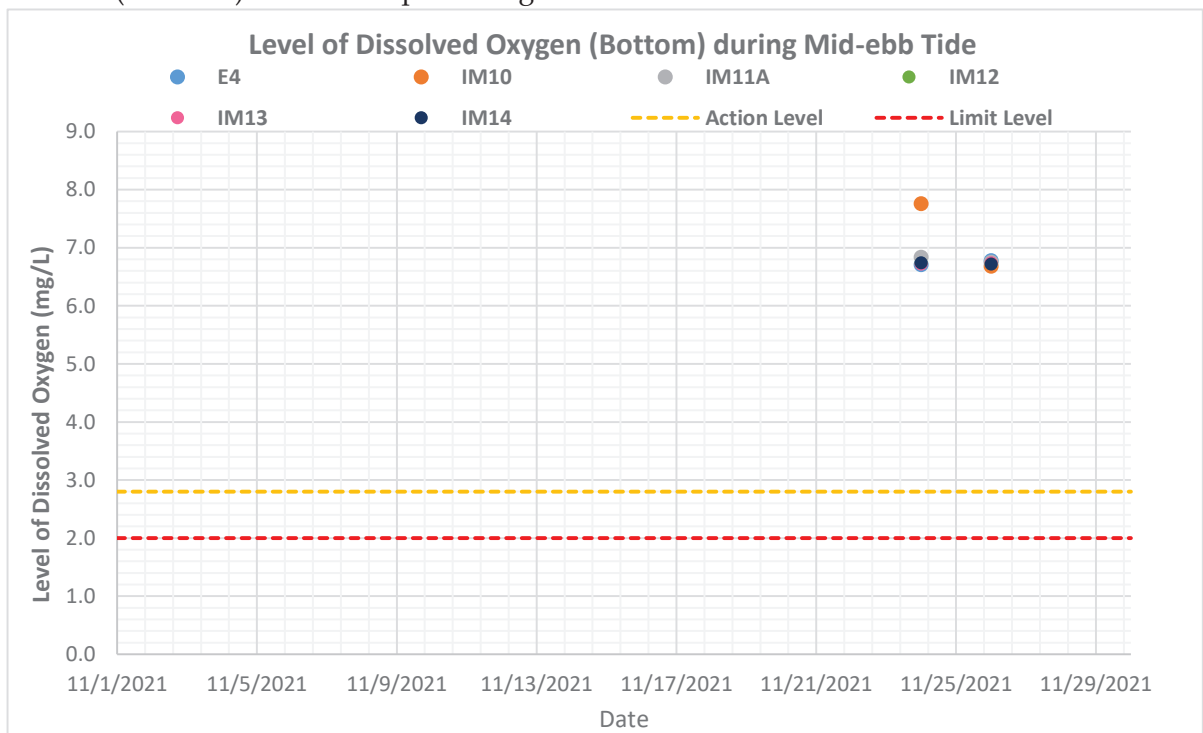
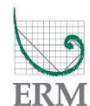


Figure G2b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E4) and impact station (IM10-IM14) under Group 4 during mid-ebb tides in November 2021.

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

Date: 9/11/21

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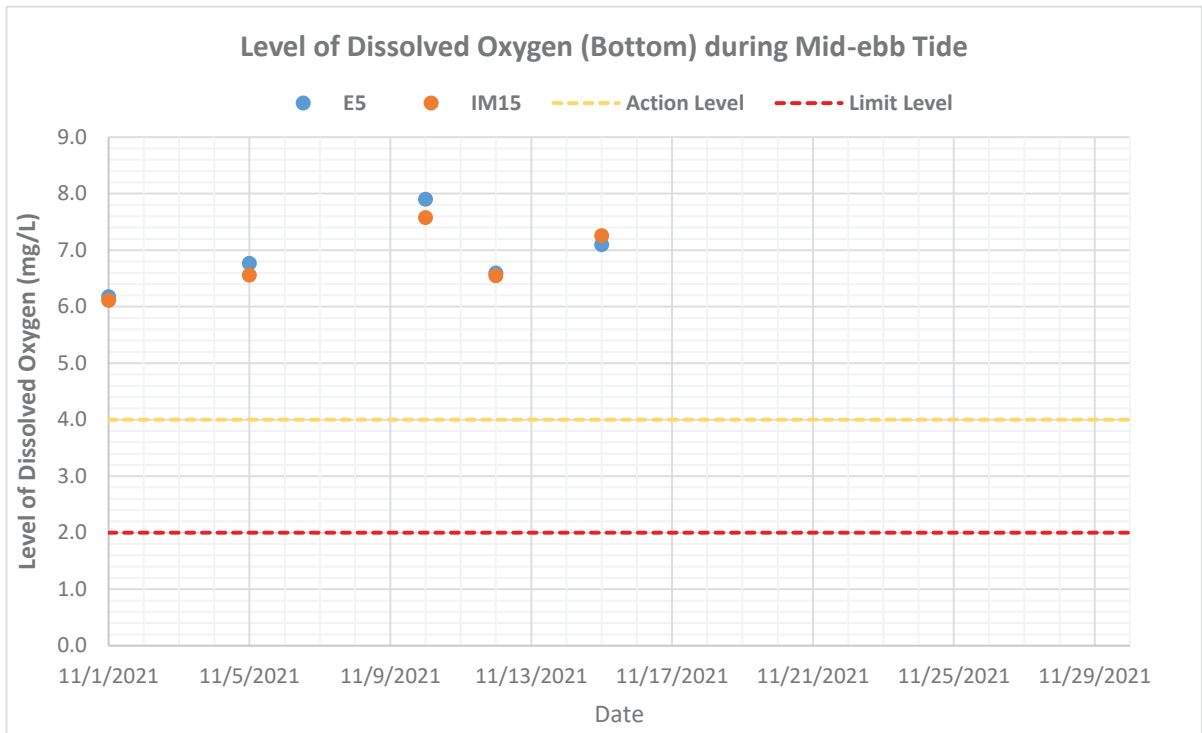


Figure G2c: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E5) and impact stations (IM15) under Group 5 during mid-ebb tides in November 2021.

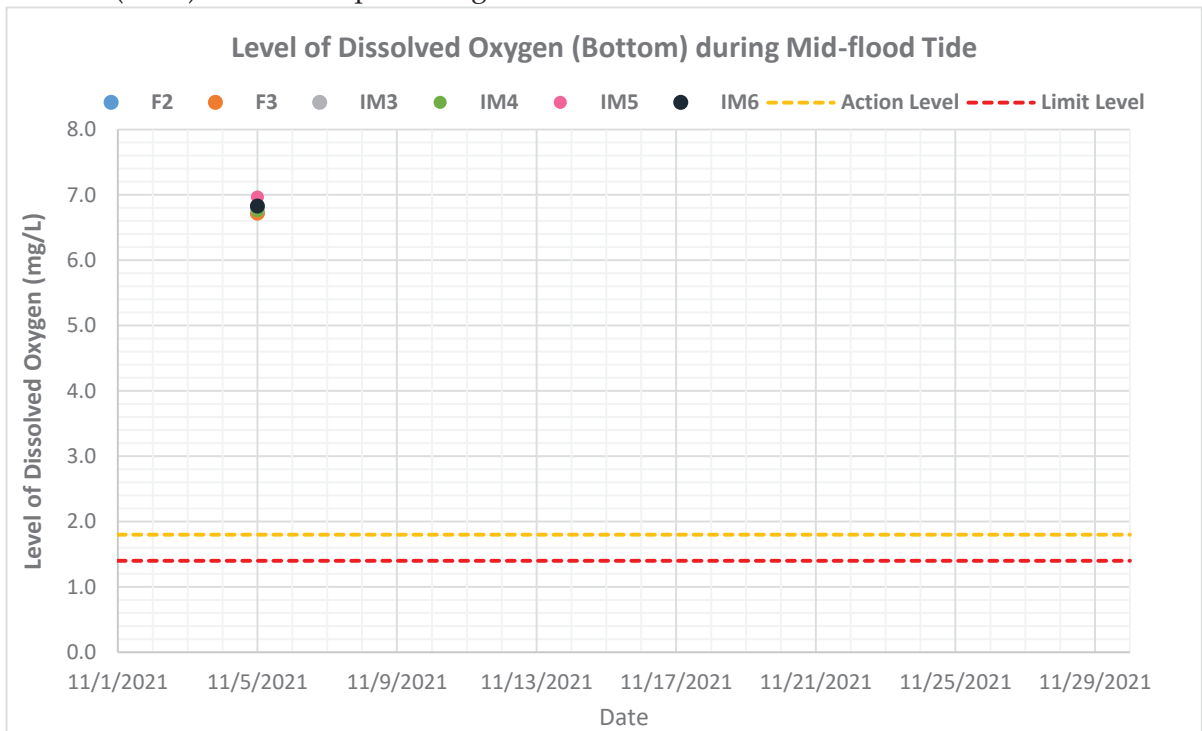


Figure G2d: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in November 2021.

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

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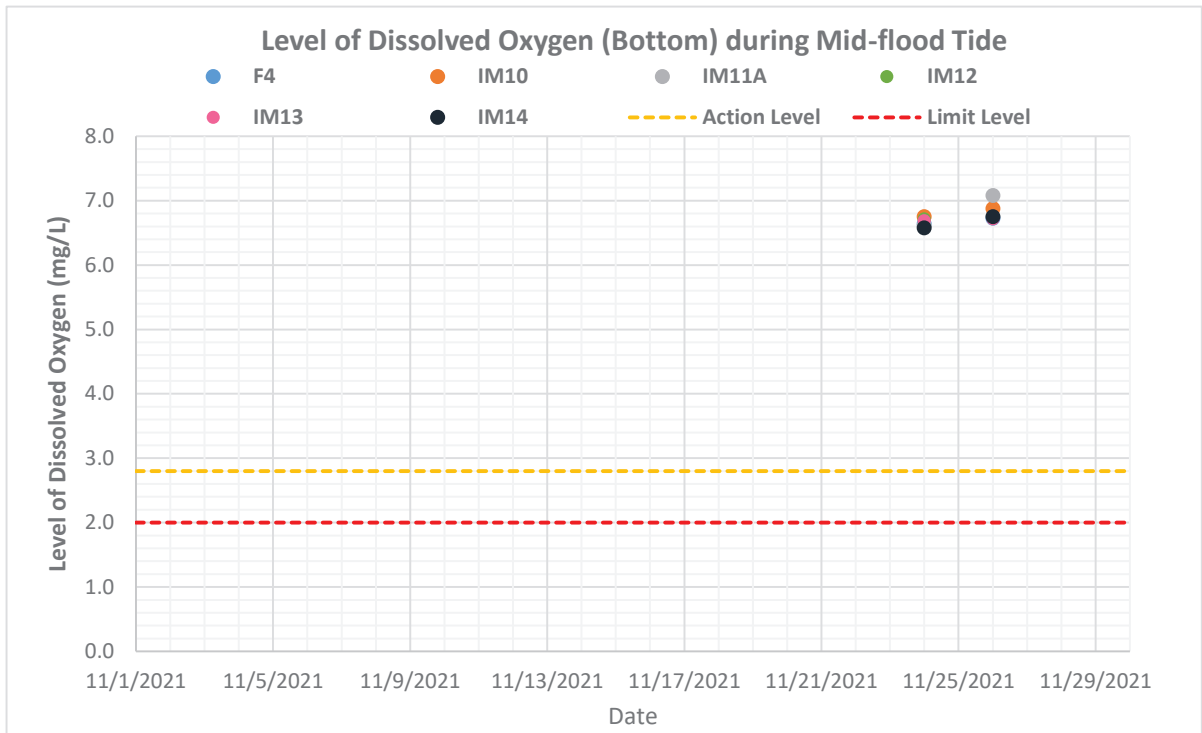


Figure G2e: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F4) and impact station (IM10-IM14) under Group 4 during mid-flood tides in November 2021.

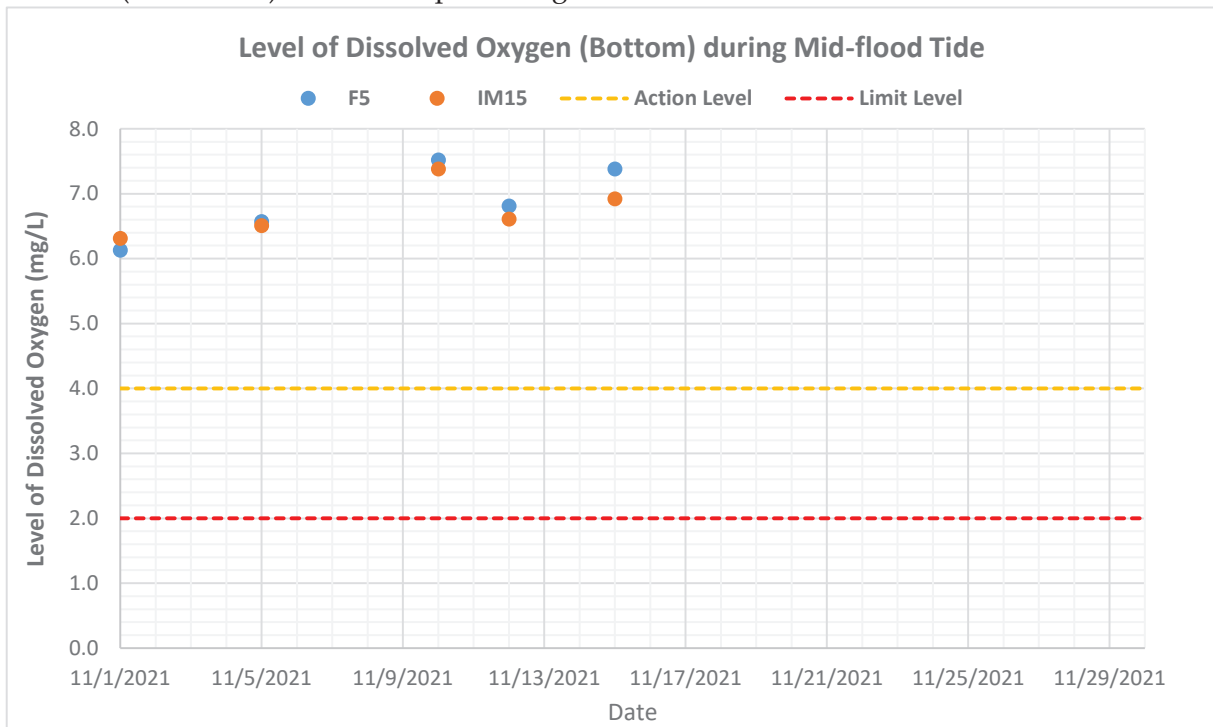


Figure G2f: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact stations (IM15) under Group 5 during mid-flood tides in November 2021.

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

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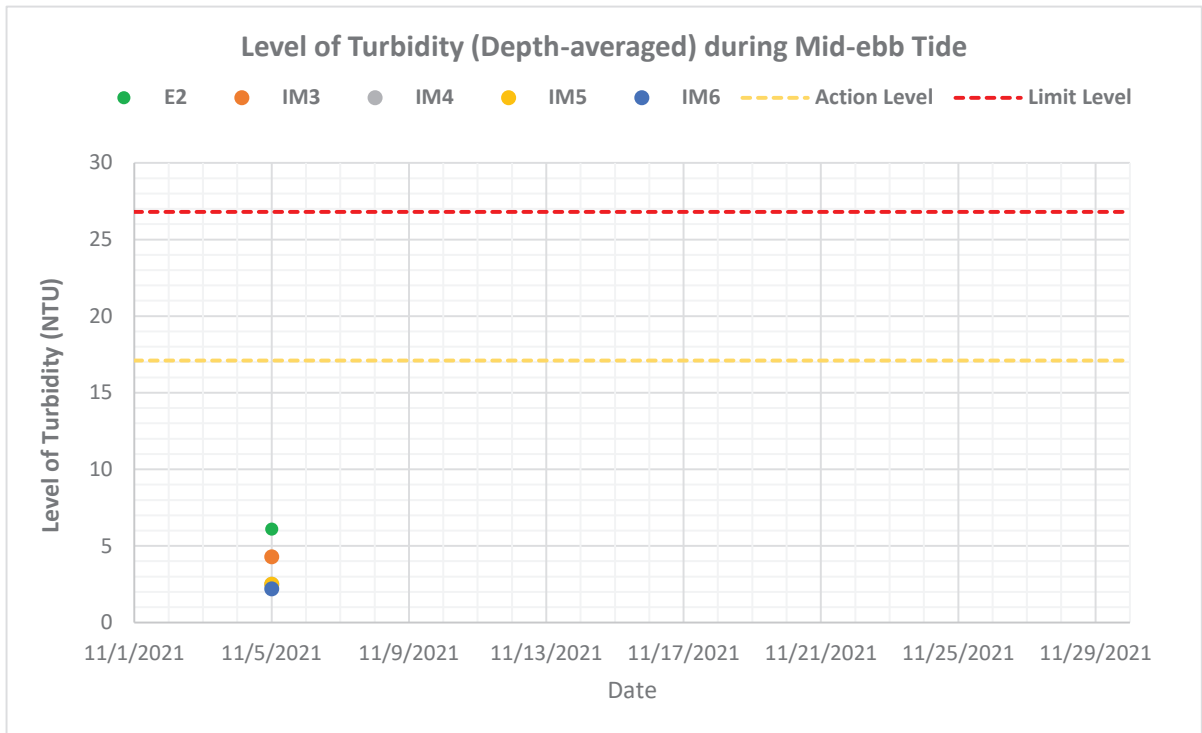


Figure G3a: Levels of Depth-averaged Turbidity (NTU) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in November 2021.

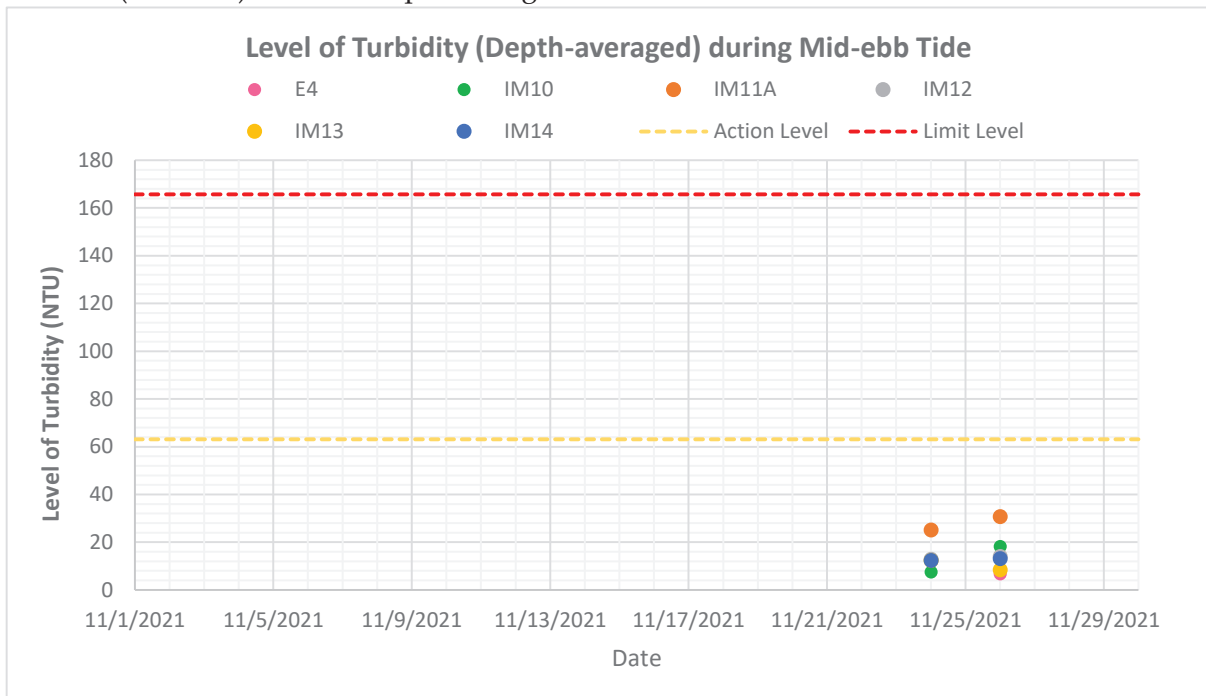


Figure G3b: Levels of Depth-averaged Turbidity (NTU) at control station (E4) and impact station (IM10-IM14) under Group 4 during mid-ebb tides in November 2021.

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

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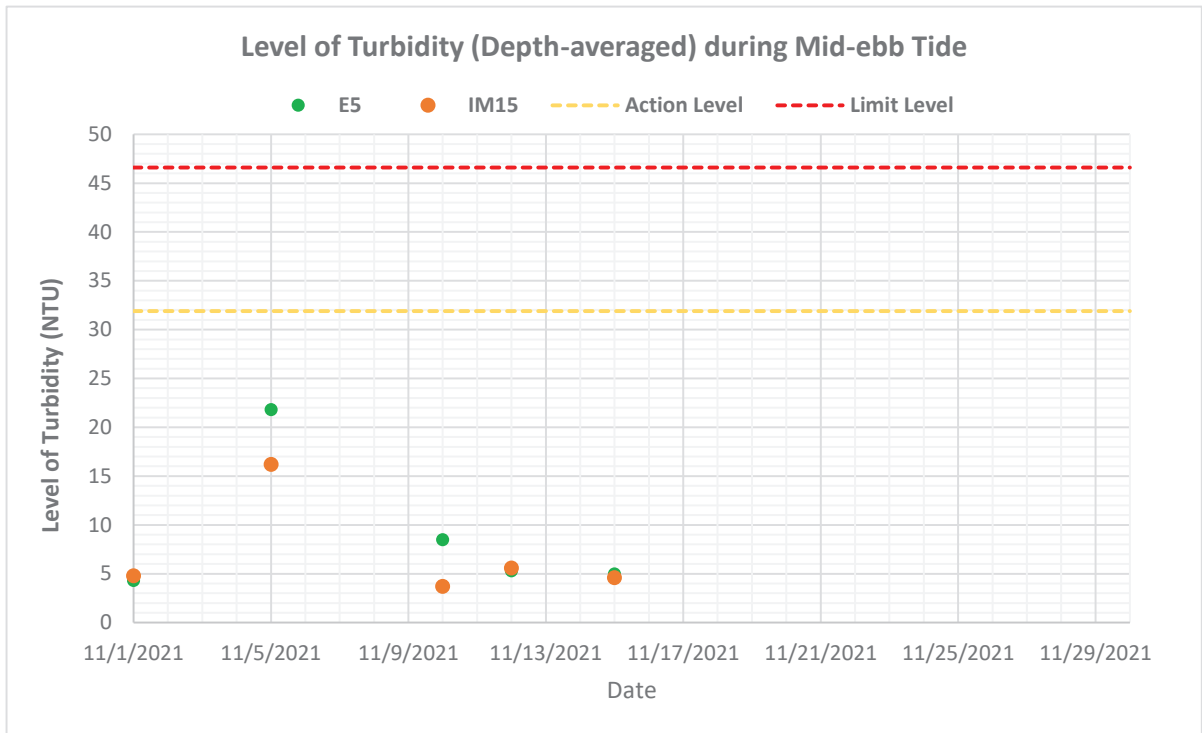


Figure G3c: Levels of Depth-averaged Turbidity (NTU) at control station (E5) and impact stations (IM15) under Group 5 during mid-ebb tides in November 2021.

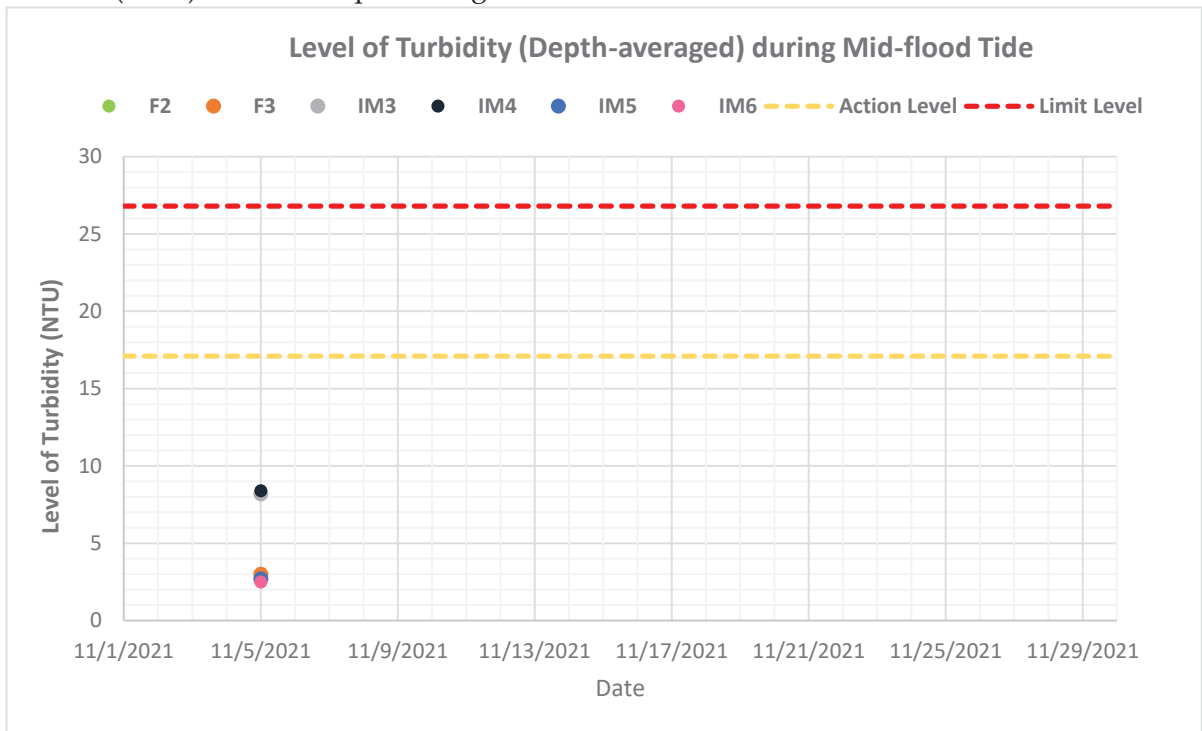


Figure G3d: Levels of Depth-averaged Turbidity (NTU) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in November 2021.

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

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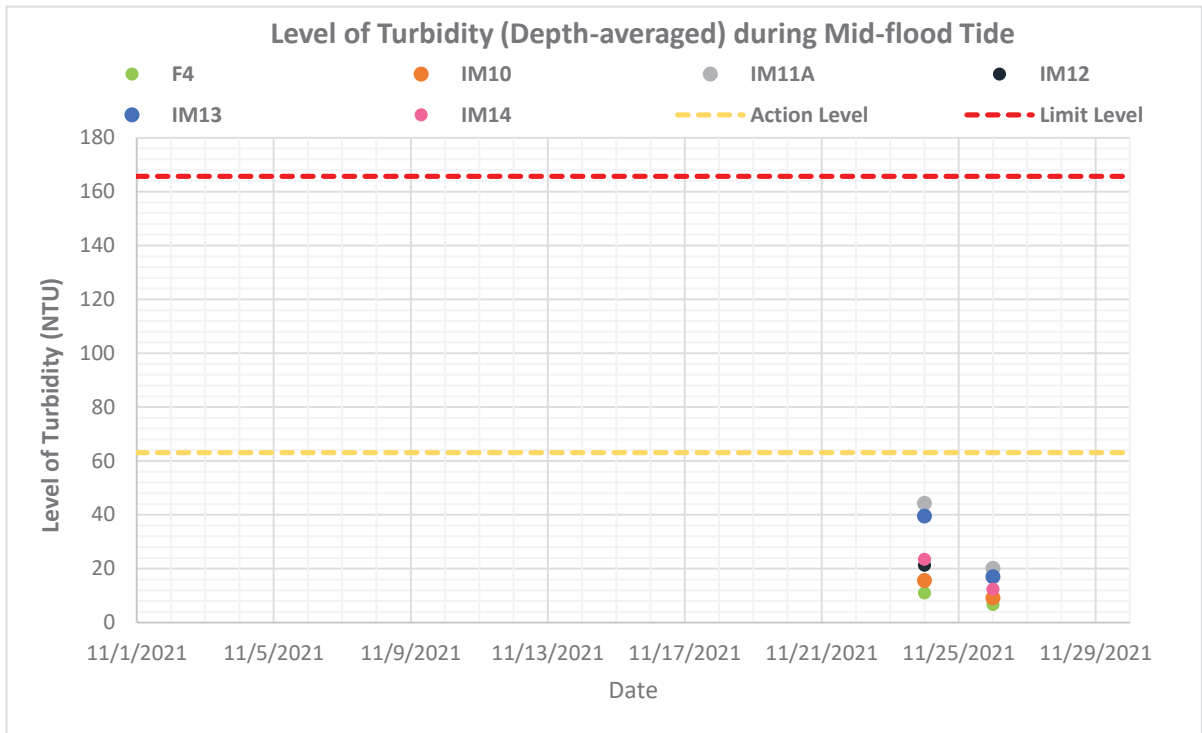


Figure G3e: Levels of Depth-averaged Turbidity (NTU) at control station (F4) and impact station (IM10-IM14) under Group 4 during mid-flood tides in November 2021.

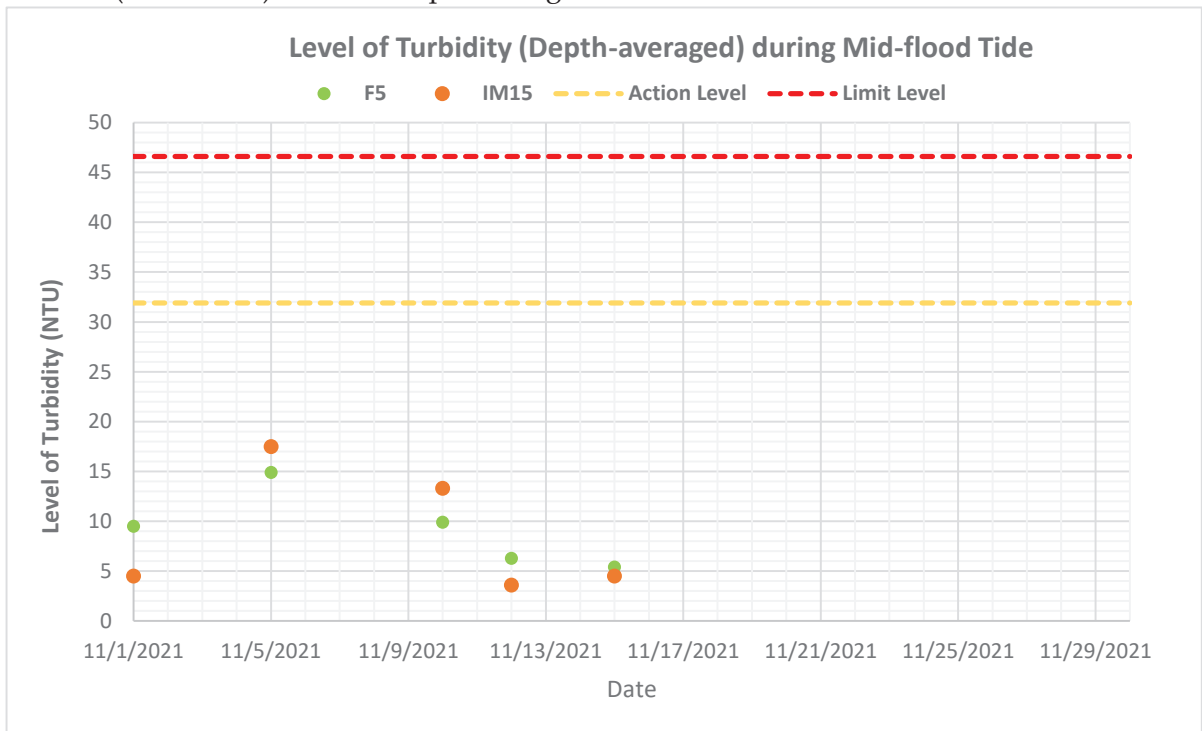


Figure G3f: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact stations (IM15) under Group 5 during mid-flood tides in November 2021.

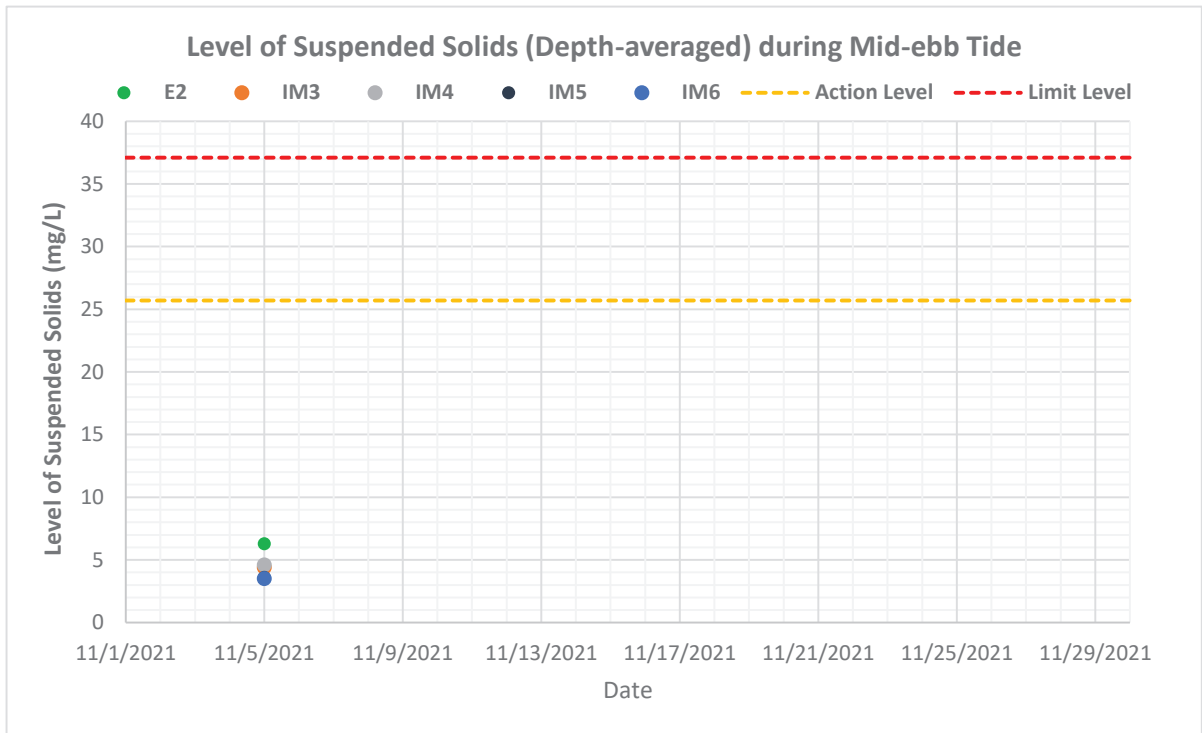


Figure G4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in November 2021.

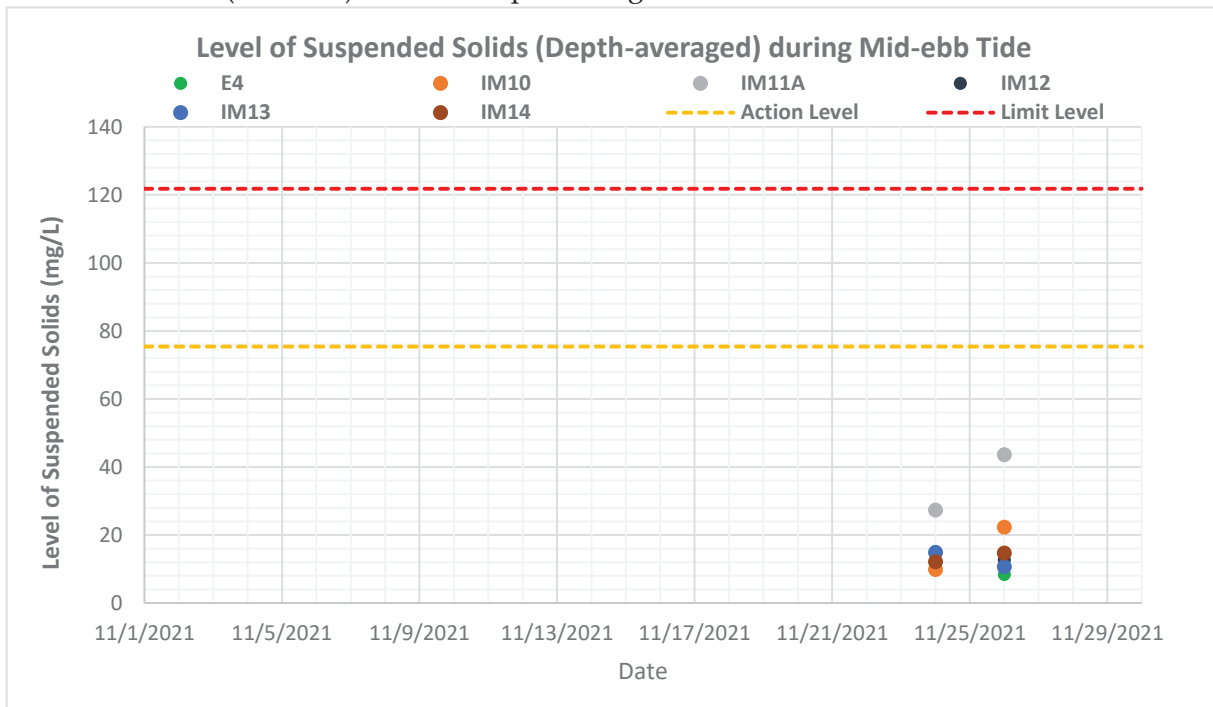


Figure G4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E4) and impact station (IM10-IM14) under Group 4 during mid-ebb tides in November 2021.

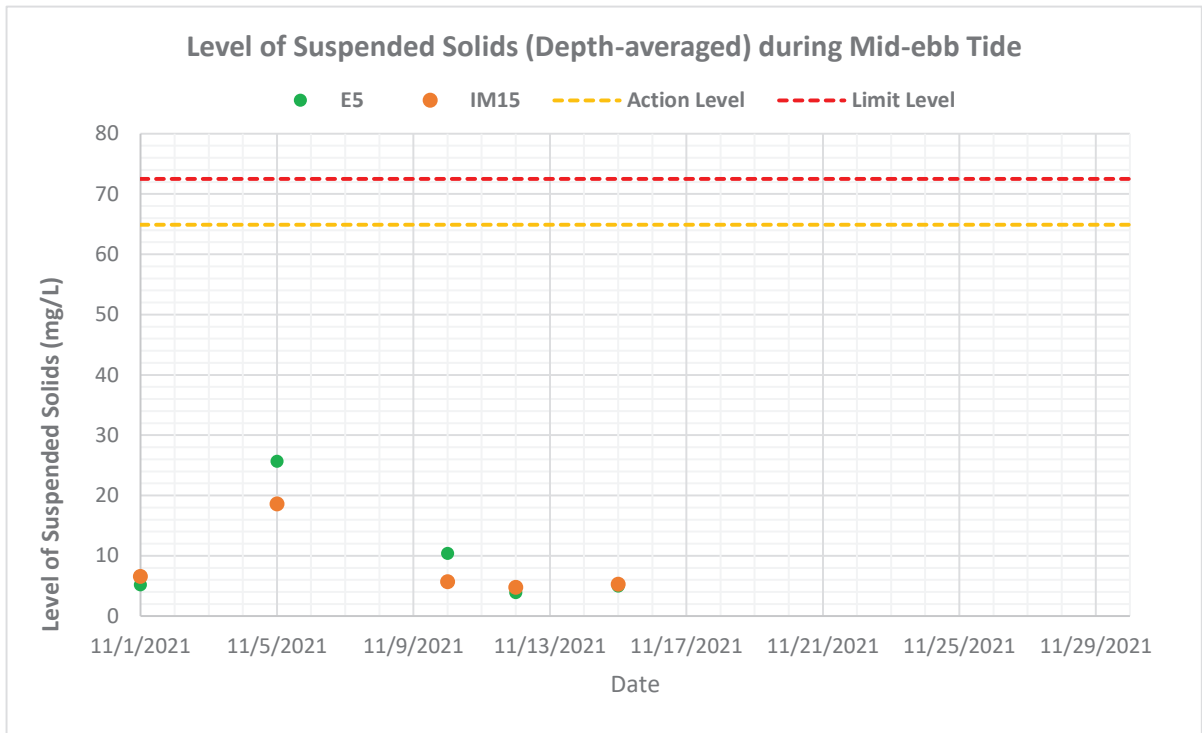


Figure G4c: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E5) and impact stations (IM15) under Group 5 during mid-ebb tides in November 2021.

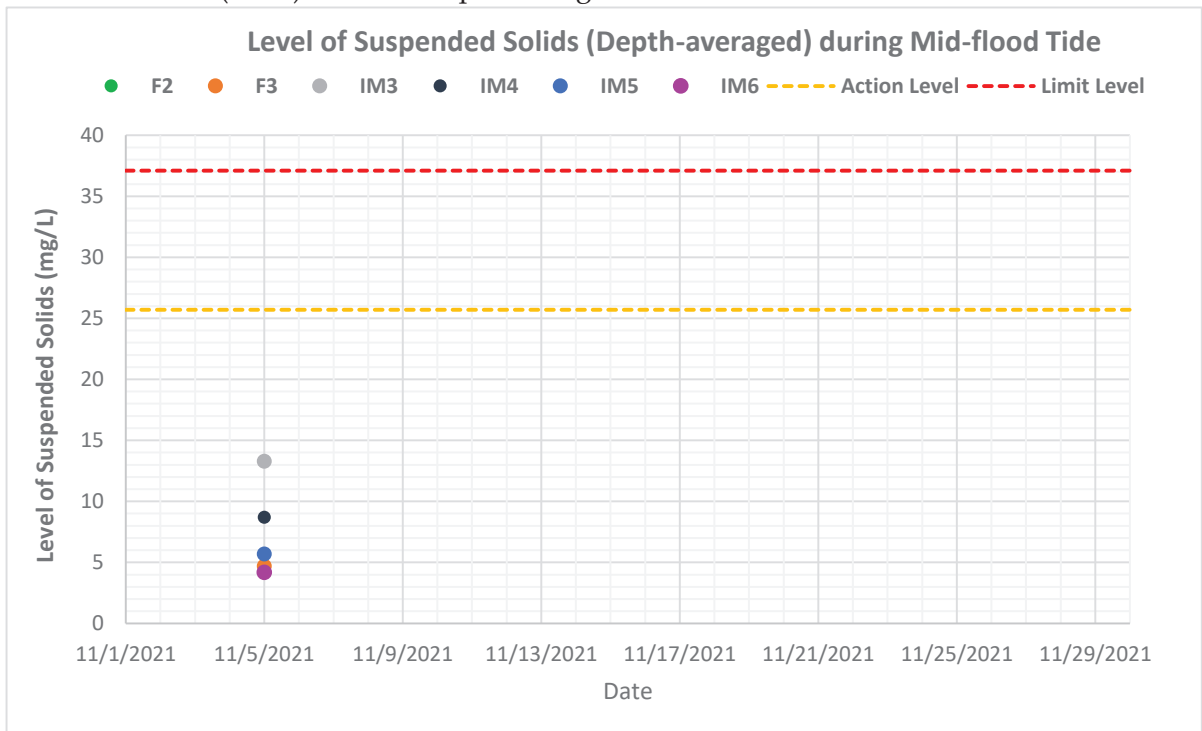


Figure G4d: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in November 2021.

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

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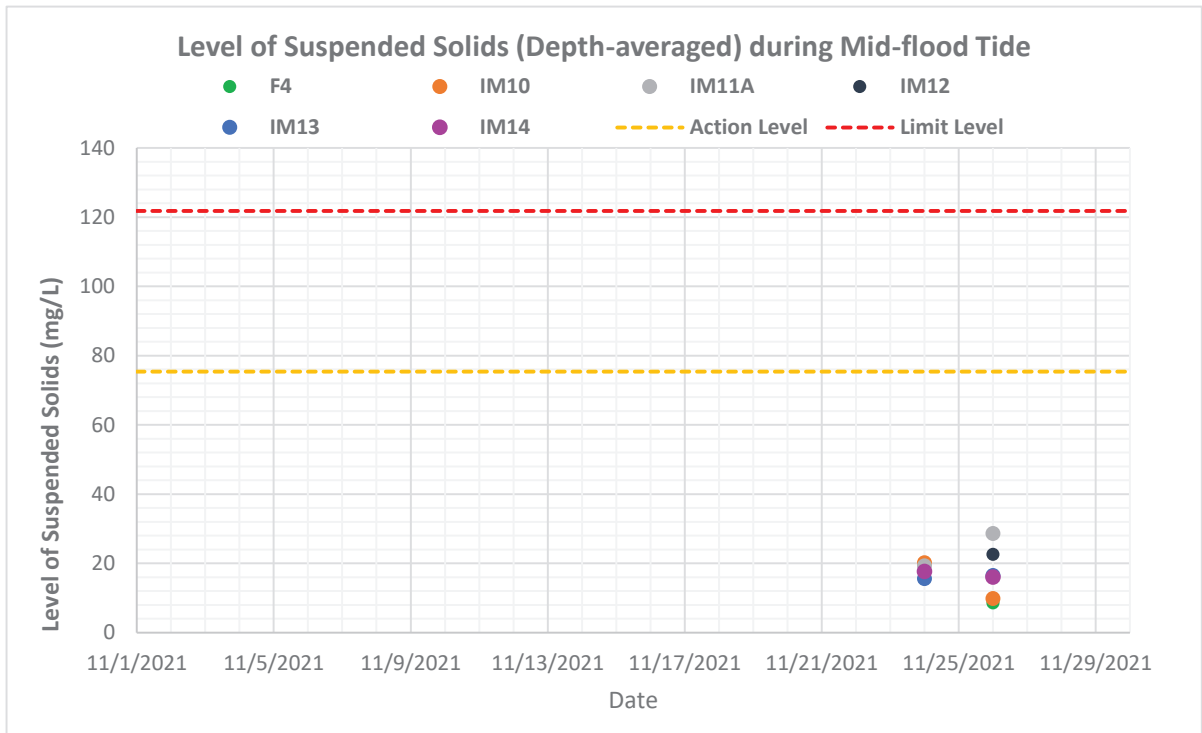


Figure G4e: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F4) and impact station (IM10-IM14) under Group 4 during mid-flood tides in November 2021.

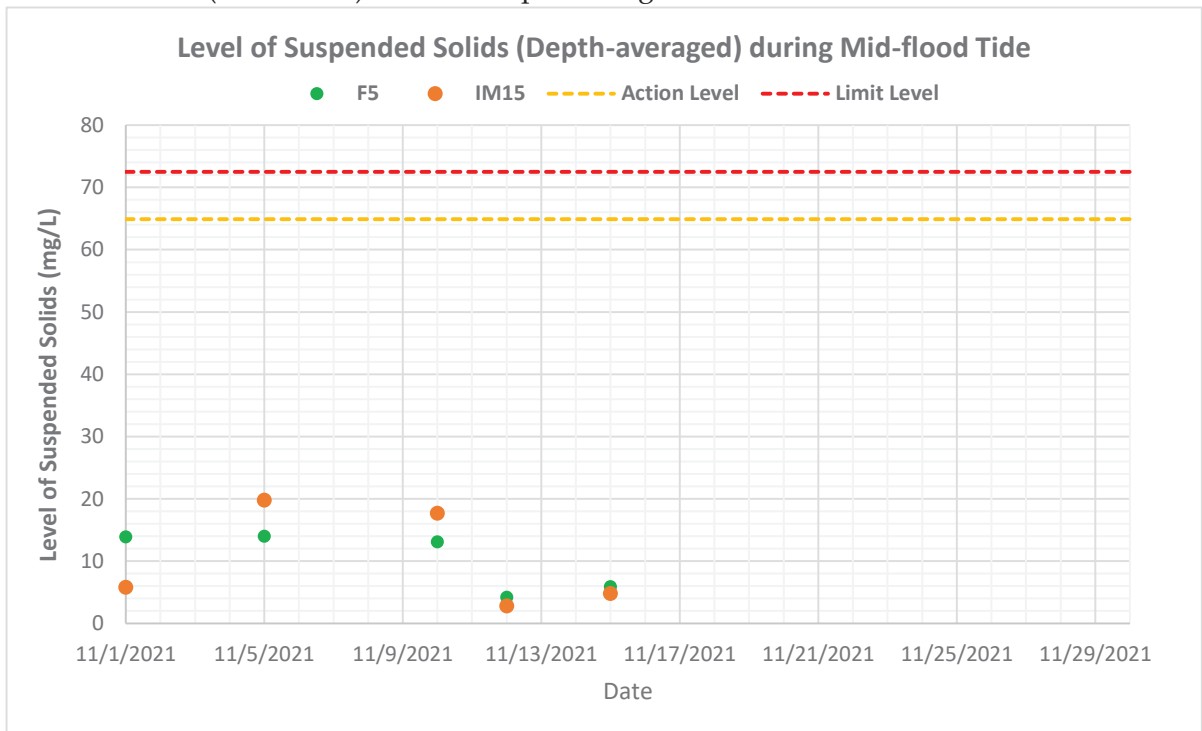


Figure G4f: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F5) and impact stations (IM15) under Group 5 during mid-flood tides in November 2021.