

## **ANNEX J**

### **MARINE WATER QUALITY MONITORING RESULTS FOR SILT CURTAIN PILOT TEST**

The Hong Kong Offshore LNG Terminal Project

Water Quality Monitoring Result										
Sampling Date:		7-Jun-21								
Time	Location	Tide*	Co-ordinates		Flow m/s	Direction	Water Depth m	Sampling Depth m	Turbidity NTU	SS mg/L
			East	North						
11:06	A1	EBB Tide (First Round)	806851	831284	N/A	N/A	13.80	1.00	6.75	9
									7.13	8
								6.90	6.80	10.2
									8.65	11.6
								12.80	76.70	132
		79.40	146							
11:36	B1	EBB Tide (First Round)	806853	831330	0.44	173	15.30	1.00	6.77	10.8
									6.77	11.6
								7.65	5.38	8.5
									5.89	9.5
								14.30	5.47	8.6
		5.76	9.1							
11:30	B2	EBB Tide (First Round)	806904	831283	0.41	174	14.00	1.00	6.30	10.3
									6.36	11.4
								7.00	5.64	9.2
									5.44	8.6
								13.00	6.65	8.3
		6.79	8.8							
11:14	B3	EBB Tide (First Round)	806800	831286	0.35	178	16.20	1.00	5.31	7.4
									4.65	6.5
								8.10	5.11	7
									5.12	6.4
								15.20	5.11	6.6
		5.41	5.6							
11:23	B4	EBB Tide (First Round)	806855	831233	0.69	180	10.90	1.00	6.53	11.8
									6.62	13
								5.45	4.05	6.6
									4.19	7.3
								9.90	4.03	6
		3.92	5.2							
14:13	A1	EBB Tide (Second Round)	806851	831284	N/A	N/A	12.40	1.00	86.13	189
									84.94	196
								6.20	101.58	233
									103.53	249
								11.40	102.68	235
		103.99	250							
14:00	B1	EBB Tide (Second Round)	806853	831330	0.57	171	13.90	1.00	6.27	7.7
									6.21	7.3
								6.95	6.69	9.8
									6.73	8.9
								12.90	7.50	12.4
		7.73	11.6							
13:52	B2	EBB Tide (Second Round)	806904	831283	0.56	173	12.70	1.00	7.05	10
									7.04	9.2
								6.35	6.99	9.4
									6.44	8.7
								11.70	6.17	8.2
		6.76	9.2							
13:31	B3	EBB Tide (Second Round)	806800	831286	0.77	174	14.80	1.00	5.27	4.9
									5.01	5.2
								7.40	5.31	4.4
									5.36	5.1
								13.80	5.86	4.1
		6.16	5							
13:39	B4	EBB Tide (Second Round)	806855	831233	0.93	171	9.50	1.00	5.35	5.6
									5.33	6.3
								4.75	5.80	5.4
									5.85	5.5
								8.50	4.70	4.7
		15.65	33							

17:40	A1	Flood Tide (Third Round)	806851	831284	N/A	N/A	13.50	1.00	97.06	197
									94.37	182
								6.75	107.22	265
								12.50	137.06	192
								143.22	353	
17:31	B1	Flood Tide (Third Round)	806853	831330	0.23	355	14.10	1.00	5.73	6.7
									5.61	5.6
								7.05	5.60	6.3
									5.43	7.1
								7.94	9.5	
								13.10	7.26	8.4
17:23	B2	Flood Tide (Third Round)	806904	831283	0.81	357	13.00	1.00	7.03	8
									6.52	6.2
								6.50	6.91	7.6
									6.03	6.1
								6.17	6.5	
								12.00	6.20	7
17:00	B3	Flood Tide (Third Round)	806800	831286	0.37	360	15.90	1.00	6.27	6.1
									6.01	5
								7.95	5.31	5
									6.36	5.8
								4.86	3.8	
								14.90	5.16	4.9
17:15	B4	Flood Tide (Third Round)	806855	831233	0.94	356	10.40	1.00	4.32	4
									5.31	5.1
								5.20	4.79	4.7
									4.78	4.7
								5.03	4	
								9.40	4.13	3.2