



ERM

APPENDIX H

CONSTRUCTION PHASE MARINE WATER
QUALITY MONITORING RESULTS

Monitoring Date: 15 November 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
15/11/2023	Mid-Ebb	C1A	Cloudy	Rough	12:19	11.8	Surface	25.1	25.1	8.1	8.1	31.6	31.7	91.3	91.5	6.3	6.3	3.4	7.2	5	4.0
15/11/2023	Mid-Ebb	C1A	Cloudy	Rough	12:19	11.8	Surface	25.1		8.1		31.6		91.3		6.3		3.4		4	
15/11/2023	Mid-Ebb	C1A	Cloudy	Rough	12:19	11.8	Middle	25.1		8.1		31.7		91.3		6.3		7.4		5	
15/11/2023	Mid-Ebb	C1A	Cloudy	Rough	12:19	11.8	Middle	25.1		8.1		31.7		91.4		6.3		8.0		4	
15/11/2023	Mid-Ebb	C1A	Cloudy	Rough	12:19	11.8	Bottom	25.1		8.1		31.7		91.7		6.3		10.5		3	
15/11/2023	Mid-Ebb	C1A	Cloudy	Rough	12:19	11.8	Bottom	25.1		8.1		31.7		91.7		6.3		10.6		3	
15/11/2023	Mid-Ebb	C2A	Cloudy	Rough	11:45	11.6	Surface	24.9	24.9	8.0	8.0	31.2	31.3	89.9	90.2	6.2	6.2	4.1	5.0	7	5.7
15/11/2023	Mid-Ebb	C2A	Cloudy	Rough	11:45	11.6	Surface	24.9		8.0		31.2		89.9		6.2		4.1		6	
15/11/2023	Mid-Ebb	C2A	Cloudy	Rough	11:45	11.6	Middle	24.9		8.0		31.3		89.9		6.2		4.9		6	
15/11/2023	Mid-Ebb	C2A	Cloudy	Rough	11:45	11.6	Middle	24.9		8.0		31.3		89.9		6.2		4.9		5	
15/11/2023	Mid-Ebb	C2A	Cloudy	Rough	11:45	11.6	Bottom	24.9		8.0		31.3		90.8		6.3		5.8		5	
15/11/2023	Mid-Ebb	C2A	Cloudy	Rough	11:45	11.6	Bottom	24.9		8.0		31.3		91.0		6.3		5.9		5	
15/11/2023	Mid-Ebb	S1A	Cloudy	Rough	12:42	5.7	Surface	25.0	25.0	8.0	8.0	31.5	31.5	90.4	90.9	6.3	6.3	5.6	5.8	6	6.5
15/11/2023	Mid-Ebb	S1A	Cloudy	Rough	12:42	5.7	Surface	25.0		8.0		31.5		90.5		6.3		5.6		5	
15/11/2023	Mid-Ebb	S1A	Cloudy	Rough	12:42	5.7	Middle														
15/11/2023	Mid-Ebb	S1A	Cloudy	Rough	12:42	5.7	Middle														
15/11/2023	Mid-Ebb	S1A	Cloudy	Rough	12:42	5.7	Bottom	25.0		8.0		31.5		91.2		6.3		5.9		8	
15/11/2023	Mid-Ebb	S1A	Cloudy	Rough	12:42	5.7	Bottom	25.0		8.0		31.5		91.3		6.3		6.0		7	
15/11/2023	Mid-Ebb	S2A	Cloudy	Rough	12:33	8.8	Surface	25.1	25.0	8.0	8.0	31.4	31.4	89.8	89.7	6.2	6.2	5.4	10.9	6	6.2
15/11/2023	Mid-Ebb	S2A	Cloudy	Rough	12:33	8.8	Surface	25.1		8.0		31.4		89.8		6.2		5.6		5	
15/11/2023	Mid-Ebb	S2A	Cloudy	Rough	12:33	8.8	Middle	25.0		8.0		31.5		89.4		6.2		8.9		5	
15/11/2023	Mid-Ebb	S2A	Cloudy	Rough	12:33	8.8	Middle	25.0		8.0		31.5		89.4		6.2		8.2		6	
15/11/2023	Mid-Ebb	S2A	Cloudy	Rough	12:33	8.8	Bottom	25.0		8.0		31.5		89.9		6.2		18.7		7	
15/11/2023	Mid-Ebb	S2A	Cloudy	Rough	12:33	8.8	Bottom	25.0		8.0		31.5		90.0		6.2		18.4		8	
15/11/2023	Mid-Ebb	S3A	Cloudy	Rough	12:05	12.4	Surface	25.4	25.2	8.0	8.0	31.6	31.6	87.4	88.4	6.0	6.0	2.4	2.8	8	8.0
15/11/2023	Mid-Ebb	S3A	Cloudy	Rough	12:05	12.4	Surface	25.4		8.0		31.6		87.4		6.0		2.4		8	
15/11/2023	Mid-Ebb	S3A	Cloudy	Rough	12:05	12.4	Middle	25.1		8.0		31.6		88.0		6.1		3.0		8	
15/11/2023	Mid-Ebb	S3A	Cloudy	Rough	12:05	12.4	Middle	25.1		8.0		31.6		88.1		6.1		3.0		8	
15/11/2023	Mid-Ebb	S3A	Cloudy	Rough	12:05	12.4	Bottom	25.1		8.0		31.6		89.7		6.2		3.0		8	
15/11/2023	Mid-Ebb	S3A	Cloudy	Rough	12:05	12.4	Bottom	25.1		8.0		31.6		89.9		6.2		3.1		8	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 15 November 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
15/11/2023	Mid-Flood	C1A	Cloudy	Rough	8:30	10.1	Surface	25.1	25.1	8.0	8.0	31.7	31.7	90.6	91.7	6.2	6.3	7.2	15.3	10	12.8
15/11/2023	Mid-Flood	C1A	Cloudy	Rough	8:30	10.1	Surface	25.1		8.0		31.7		90.6		6.2		7.1		11	
15/11/2023	Mid-Flood	C1A	Cloudy	Rough	8:30	10.1	Middle	25.1		8.0		31.7		91.6		6.3		15.4		10	
15/11/2023	Mid-Flood	C1A	Cloudy	Rough	8:30	10.1	Middle	25.1		8.0		31.7		91.6		6.3		15.8		12	
15/11/2023	Mid-Flood	C1A	Cloudy	Rough	8:30	10.1	Bottom	25.1		8.0		31.7		92.8		6.4		23.3		21	
15/11/2023	Mid-Flood	C1A	Cloudy	Rough	8:30	10.1	Bottom	25.1		8.0		31.7		93.1		6.4		23.3		17	
15/11/2023	Mid-Flood	C2A	Cloudy	Rough	9:24	12.4	Surface	24.8	25.0	8.0	8.0	31.1	31.3	89.5	89.6	6.2	6.2	5.1	12.1	7	8.7
15/11/2023	Mid-Flood	C2A	Cloudy	Rough	9:24	12.4	Surface	24.8		8.0		31.1		89.4		6.2		5.3		8	
15/11/2023	Mid-Flood	C2A	Cloudy	Rough	9:24	12.4	Middle	25.0		8.0		31.4		89.3		6.2		8.0		7	
15/11/2023	Mid-Flood	C2A	Cloudy	Rough	9:24	12.4	Middle	25.0		8.0		31.4		89.2		6.2		8.1		8	
15/11/2023	Mid-Flood	C2A	Cloudy	Rough	9:24	12.4	Bottom	25.1		8.0		31.5		90.1		6.2		23.1		10	
15/11/2023	Mid-Flood	C2A	Cloudy	Rough	9:24	12.4	Bottom	25.1		8.0		31.5		90.2		6.2		23.4		12	
15/11/2023	Mid-Flood	S1A	Cloudy	Rough	8:03	5.8	Surface	24.3	24.4	8.0	8.1	31.3	31.3	86.8	87.0	6.1	6.1	6.4	8.5	11	11.8
15/11/2023	Mid-Flood	S1A	Cloudy	Rough	8:03	5.8	Surface	24.3		8.0		31.3		86.8		6.1		6.5		12	
15/11/2023	Mid-Flood	S1A	Cloudy	Rough	8:03	5.8	Middle														
15/11/2023	Mid-Flood	S1A	Cloudy	Rough	8:03	5.8	Middle														
15/11/2023	Mid-Flood	S1A	Cloudy	Rough	8:03	5.8	Bottom	24.4		8.1		31.3		87.1		6.1		10.6		12	
15/11/2023	Mid-Flood	S1A	Cloudy	Rough	8:03	5.8	Bottom	24.4		8.1		31.3		87.2		6.1		10.6		12	
15/11/2023	Mid-Flood	S2A	Cloudy	Rough	8:15	8.5	Surface	25.0	25.0	8.0	8.0	31.5	31.5	88.7	89.1	6.1	6.1	9.9	12.6	15	15.7
15/11/2023	Mid-Flood	S2A	Cloudy	Rough	8:15	8.5	Surface	25.0		8.0		31.5		88.7		6.1		10.1		14	
15/11/2023	Mid-Flood	S2A	Cloudy	Rough	8:15	8.5	Middle	25.0		8.0		31.5		88.9		6.1		12.2		15	
15/11/2023	Mid-Flood	S2A	Cloudy	Rough	8:15	8.5	Middle	25.0		8.0		31.5		89.0		6.1		12.5		14	
15/11/2023	Mid-Flood	S2A	Cloudy	Rough	8:15	8.5	Bottom	25.0		8.0		31.5		89.5		6.2		15.4		18	
15/11/2023	Mid-Flood	S2A	Cloudy	Rough	8:15	8.5	Bottom	25.0		8.0		31.5		89.6		6.2		15.7		18	
15/11/2023	Mid-Flood	S3A	Cloudy	Rough	8:55	12.5	Surface	25.3	25.2	8.0	8.0	31.6	31.6	85.8	86.2	5.9	5.9	2.8	3.9	4	5.0
15/11/2023	Mid-Flood	S3A	Cloudy	Rough	8:55	12.5	Surface	25.3		8.0		31.6		85.9		5.9		2.8		5	
15/11/2023	Mid-Flood	S3A	Cloudy	Rough	8:55	12.5	Middle	25.2		8.0		31.6		86.1		5.9		3.7		5	
15/11/2023	Mid-Flood	S3A	Cloudy	Rough	8:55	12.5	Middle	25.2		8.0		31.6		86.2		5.9		4.0		5	
15/11/2023	Mid-Flood	S3A	Cloudy	Rough	8:55	12.5	Bottom	25.2		8.0		31.6		86.5		6.0		4.9		5	
15/11/2023	Mid-Flood	S3A	Cloudy	Rough	8:55	12.5	Bottom	25.2		8.0		31.6		86.6		6.0		5.0		6	

Note:

Exceedance of Action Level

Exceedance of Limit Level

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2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

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Monitoring Date: 17 November 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
17/11/2023	Mid-Ebb	C1A	Fine	Rough	14:35	10.6	Surface	23.6	23.6	8.1	8.1	31.1	31.2	89.4	89.8	6.3	6.4	3.3	4.2	8	7.8
17/11/2023	Mid-Ebb	C1A	Fine	Rough	14:35	10.6	Surface	23.6		8.1		31.1		89.4		6.3		3.3		7	
17/11/2023	Mid-Ebb	C1A	Fine	Rough	14:35	10.6	Middle	23.6		8.1		31.2		90.0		6.4		4.1		7	
17/11/2023	Mid-Ebb	C1A	Fine	Rough	14:35	10.6	Middle	23.6		8.1		31.2		90.1		6.4		4.0		7	
17/11/2023	Mid-Ebb	C1A	Fine	Rough	14:35	10.6	Bottom	23.6		8.1		31.2		90.0		6.4		5.1		10	
17/11/2023	Mid-Ebb	C1A	Fine	Rough	14:35	10.6	Bottom	23.6		8.1		31.2		90.0		6.4		5.1		8	
17/11/2023	Mid-Ebb	C2A	Fine	Rough	13:53	10.8	Surface	22.8	22.8	8.0	8.1	31.3	31.3	87.6	87.4	6.3	6.3	2.2	3.2	9	8.5
17/11/2023	Mid-Ebb	C2A	Fine	Rough	13:53	10.8	Surface	22.8		8.0		31.3		87.5		6.3		2.2		7	
17/11/2023	Mid-Ebb	C2A	Fine	Rough	13:53	10.8	Middle	22.8		8.1		31.3		87.3		6.3		3.0		8	
17/11/2023	Mid-Ebb	C2A	Fine	Rough	13:53	10.8	Middle	22.8		8.1		31.3		87.3		6.3		3.0		8	
17/11/2023	Mid-Ebb	C2A	Fine	Rough	13:53	10.8	Bottom	22.8		8.1		31.3		87.3		6.3		4.3		9	
17/11/2023	Mid-Ebb	C2A	Fine	Rough	13:53	10.8	Bottom	22.8		8.1		31.3		87.3		6.3		4.3		10	
17/11/2023	Mid-Ebb	S1A	Fine	Rough	15:00	5.4	Surface	22.9	22.9	8.1	8.1	31.1	31.1	88.9	89.1	6.4	6.4	2.8	3.4	9	8.3
17/11/2023	Mid-Ebb	S1A	Fine	Rough	15:00	5.4	Surface	22.9		8.1		31.1		88.9		6.4		2.9		8	
17/11/2023	Mid-Ebb	S1A	Fine	Rough	15:00	5.4	Middle														
17/11/2023	Mid-Ebb	S1A	Fine	Rough	15:00	5.4	Middle														
17/11/2023	Mid-Ebb	S1A	Fine	Rough	15:00	5.4	Bottom	22.9		8.1		31.2		89.2		6.4		3.9		7	
17/11/2023	Mid-Ebb	S1A	Fine	Rough	15:00	5.4	Bottom	22.9		8.1		31.2		89.2		6.4		3.9		9	
17/11/2023	Mid-Ebb	S2A	Fine	Rough	14:43	8.0	Surface	22.9	22.9	8.1	8.0	31.3	31.3	90.5	91.1	6.5	6.5	2.1	3.6	8	8.5
17/11/2023	Mid-Ebb	S2A	Fine	Rough	14:43	8.0	Surface	22.9		8.1		31.3		90.6		6.5		2.1		7	
17/11/2023	Mid-Ebb	S2A	Fine	Rough	14:43	8.0	Middle	22.9		8.0		31.3		91.0		6.5		4.0		8	
17/11/2023	Mid-Ebb	S2A	Fine	Rough	14:43	8.0	Middle	22.9		8.0		31.3		91.2		6.5		4.0		9	
17/11/2023	Mid-Ebb	S2A	Fine	Rough	14:43	8.0	Bottom	22.9		8.0		31.3		91.7		6.6		4.7		10	
17/11/2023	Mid-Ebb	S2A	Fine	Rough	14:43	8.0	Bottom	22.9		8.0		31.3		91.8		6.6		4.7		9	
17/11/2023	Mid-Ebb	S3A	Fine	Rough	14:17	11.4	Surface	23.7	23.7	8.1	8.1	31.4	31.5	86.3	86.9	6.1	6.1	3.0	4.1	7	7.8
17/11/2023	Mid-Ebb	S3A	Fine	Rough	14:17	11.4	Surface	23.7		8.1		31.5		86.4		6.1		3.0		7	
17/11/2023	Mid-Ebb	S3A	Fine	Rough	14:17	11.4	Middle	23.7		8.1		31.5		86.7		6.1		4.2		8	
17/11/2023	Mid-Ebb	S3A	Fine	Rough	14:17	11.4	Middle	23.7		8.1		31.5		86.7		6.1		4.2		9	
17/11/2023	Mid-Ebb	S3A	Fine	Rough	14:17	11.4	Bottom	23.7		8.1		31.5		87.5		6.2		5.0		8	
17/11/2023	Mid-Ebb	S3A	Fine	Rough	14:17	11.4	Bottom	23.7		8.1		31.4		87.6		6.2		5.0		8	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

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Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
17/11/2023	Mid-Flood	C1A	Fine	Rough	10:28	10.8	Surface	23.6	23.6	8.1	8.1	31.2	31.2	89.9	91.8	6.4	6.5	2.2	3.1	9	9.2
17/11/2023	Mid-Flood	C1A	Fine	Rough	10:28	10.8	Surface	23.6		8.1		31.2		89.9		6.4		2.1		9	
17/11/2023	Mid-Flood	C1A	Fine	Rough	10:28	10.8	Middle	23.6		8.1		31.2		92.0		6.5		3.1		10	
17/11/2023	Mid-Flood	C1A	Fine	Rough	10:28	10.8	Middle	23.6		8.1		31.2		92.2		6.5		3.1		9	
17/11/2023	Mid-Flood	C1A	Fine	Rough	10:28	10.8	Bottom	23.5		8.1		31.2		93.3		6.6		4.1		9	
17/11/2023	Mid-Flood	C1A	Fine	Rough	10:28	10.8	Bottom	23.5		8.1		31.2		93.6		6.6		4.2		9	
17/11/2023	Mid-Flood	C2A	Fine	Rough	10:51	11.0	Surface	22.9	22.9	8.1	8.1	31.1	31.1	89.6	89.9	6.4	6.5	3.8	4.6	8	8.3
17/11/2023	Mid-Flood	C2A	Fine	Rough	10:51	11.0	Surface	22.9		8.1		31.1		89.7		6.4		3.7		8	
17/11/2023	Mid-Flood	C2A	Fine	Rough	10:51	11.0	Middle	22.9		8.1		31.1		89.9		6.5		4.9		8	
17/11/2023	Mid-Flood	C2A	Fine	Rough	10:51	11.0	Middle	22.9		8.1		31.1		90.0		6.5		4.8		9	
17/11/2023	Mid-Flood	C2A	Fine	Rough	10:51	11.0	Bottom	22.8		8.1		31.1		90.1		6.5		5.1		9	
17/11/2023	Mid-Flood	C2A	Fine	Rough	10:51	11.0	Bottom	22.8		8.1		31.1		90.1		6.5		5.2		8	
17/11/2023	Mid-Flood	S1A	Fine	Rough	9:55	5.6	Surface	22.8	22.8	8.1	8.1	31.3	31.4	88.0	89.6	6.3	6.3	3.4	3.8	10	9.8
17/11/2023	Mid-Flood	S1A	Fine	Rough	9:55	5.6	Surface	22.8		8.1		31.4		88.0		6.3		3.5		9	
17/11/2023	Mid-Flood	S1A	Fine	Rough	9:55	5.6	Middle														
17/11/2023	Mid-Flood	S1A	Fine	Rough	9:55	5.6	Middle														
17/11/2023	Mid-Flood	S1A	Fine	Rough	9:55	5.6	Bottom	22.8		8.1		31.4		91.0		6.5		4.1		10	
17/11/2023	Mid-Flood	S1A	Fine	Rough	9:55	5.6	Bottom	22.8		8.1		31.4		91.3		6.6		4.2		10	
17/11/2023	Mid-Flood	S2A	Fine	Rough	10:19	7.8	Surface	23.6	23.6	8.1	8.1	31.4	31.4	89.1	91.7	6.3	6.4	3.1	4.1	11	9.7
17/11/2023	Mid-Flood	S2A	Fine	Rough	10:19	7.8	Surface	23.6		8.1		31.4		89.2		6.3		3.2		10	
17/11/2023	Mid-Flood	S2A	Fine	Rough	10:19	7.8	Middle	23.6		8.1		31.4		90.1		6.4		4.1		9	
17/11/2023	Mid-Flood	S2A	Fine	Rough	10:19	7.8	Middle	23.6		8.1		31.4		90.3		6.4		4.1		8	
17/11/2023	Mid-Flood	S2A	Fine	Rough	10:19	7.8	Bottom	23.6		8.1		31.4		95.4		6.8		5.1		10	
17/11/2023	Mid-Flood	S2A	Fine	Rough	10:19	7.8	Bottom	23.6		8.1		31.3		96.3		6.8		5.1		10	
17/11/2023	Mid-Flood	S3A	Fine	Rough	10:46	12.0	Surface	22.9	22.8	8.1	8.0	31.3	31.1	92.7	95.2	6.7	6.7	3.0	3.8	9	8.8
17/11/2023	Mid-Flood	S3A	Fine	Rough	10:46	12.0	Surface	22.9		8.1		31.3		92.8		6.7		2.9		9	
17/11/2023	Mid-Flood	S3A	Fine	Rough	10:46	12.0	Middle	22.8		8.0		31.1		93.9		6.8		3.7		8	
17/11/2023	Mid-Flood	S3A	Fine	Rough	10:46	12.0	Middle	22.8		8.0		31.0		94.0		6.8		3.7		11	
17/11/2023	Mid-Flood	S3A	Fine	Rough	10:46	12.0	Bottom	22.8		8.0		30.8		98.6		7.1		4.9		8	
17/11/2023	Mid-Flood	S3A	Fine	Rough	10:46	12.0	Bottom	22.8		8.0		30.8		99.2		7.2		4.8		8	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 20 November 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
20/11/2023	Mid-Ebb	C1A	Fine	Rough	5:04	12.3	Surface	22.7	22.6	8.2	8.2	31.6	31.5	90.5	89.2	6.5	6.5	4.4	6.3	5	5.2
20/11/2023	Mid-Ebb	C1A	Fine	Rough	5:04	12.3	Surface	22.7		8.2		31.6		90.5		6.5		4.4		6	
20/11/2023	Mid-Ebb	C1A	Fine	Rough	5:04	12.3	Middle	22.5		8.2		31.5		88.9		6.4		5.2		5	
20/11/2023	Mid-Ebb	C1A	Fine	Rough	5:04	12.3	Middle	22.5		8.2		31.5		88.8		6.4		5.2		6	
20/11/2023	Mid-Ebb	C1A	Fine	Rough	5:04	12.3	Bottom	22.5		8.2		31.5		88.2		6.4		9.3		4	
20/11/2023	Mid-Ebb	C1A	Fine	Rough	5:04	12.3	Bottom	22.5		8.2		31.5		88.2		6.4		9.4		5	
20/11/2023	Mid-Ebb	C2A	Fine	Moderate	3:38	12.6	Surface	22.7	22.7	8.2	8.2	31.7	31.8	89.8	89.5	6.5	6.4	2.7	3.9	6	5.7
20/11/2023	Mid-Ebb	C2A	Fine	Moderate	3:38	12.6	Surface	22.7		8.2		31.7		89.8		6.5		2.7		6	
20/11/2023	Mid-Ebb	C2A	Fine	Moderate	3:38	12.6	Middle	22.7		8.2		31.8		89.7		6.4		2.9		5	
20/11/2023	Mid-Ebb	C2A	Fine	Moderate	3:38	12.6	Middle	22.7		8.2		31.8		89.7		6.4		2.9		6	
20/11/2023	Mid-Ebb	C2A	Fine	Moderate	3:38	12.6	Bottom	22.7		8.2		31.8		88.9		6.4		6.0		5	
20/11/2023	Mid-Ebb	C2A	Fine	Moderate	3:38	12.6	Bottom	22.7		8.2		31.8		88.9		6.4		6.0		6	
20/11/2023	Mid-Ebb	S1A	Fine	Moderate	4:38	5.8	Surface	22.4	22.4	8.2	8.2	31.5	31.5	90.7	89.3	6.6	6.6	3.3	5.2	7	6.8
20/11/2023	Mid-Ebb	S1A	Fine	Moderate	4:38	5.8	Surface	22.4		8.2		31.5		90.6		6.6		3.3		8	
20/11/2023	Mid-Ebb	S1A	Fine	Moderate	4:38	5.8	Middle														
20/11/2023	Mid-Ebb	S1A	Fine	Moderate	4:38	5.8	Middle														
20/11/2023	Mid-Ebb	S1A	Fine	Moderate	4:38	5.8	Bottom	22.3		8.2		31.5		88.0		6.4		7.1		6	
20/11/2023	Mid-Ebb	S1A	Fine	Moderate	4:38	5.8	Bottom	22.3		8.2		31.5		88.0		6.4		7.1		6	
20/11/2023	Mid-Ebb	S2A	Fine	Moderate	4:20	9.1	Surface	22.5	22.5	8.2	8.2	31.5	31.5	90.3	89.3	6.5	6.5	3.4	4.1	6	5.8
20/11/2023	Mid-Ebb	S2A	Fine	Moderate	4:20	9.1	Surface	22.5		8.2		31.5		90.3		6.5		3.4		5	
20/11/2023	Mid-Ebb	S2A	Fine	Moderate	4:20	9.1	Middle	22.5		8.2		31.5		88.7		6.4		4.1		6	
20/11/2023	Mid-Ebb	S2A	Fine	Moderate	4:20	9.1	Middle	22.5		8.2		31.5		88.7		6.4		4.1		6	
20/11/2023	Mid-Ebb	S2A	Fine	Moderate	4:20	9.1	Bottom	22.4		8.2		31.5		88.9		6.4		4.9		6	
20/11/2023	Mid-Ebb	S2A	Fine	Moderate	4:20	9.1	Bottom	22.4		8.2		31.5		88.9		6.4		4.9		6	
20/11/2023	Mid-Ebb	S3A	Fine	Moderate	4:04	11.7	Surface	22.7	22.7	8.2	8.2	31.6	31.6	88.1	87.5	6.3	6.3	2.0	2.0	7	6.5
20/11/2023	Mid-Ebb	S3A	Fine	Moderate	4:04	11.7	Surface	22.7		8.2		31.6		88.1		6.3		1.9		7	
20/11/2023	Mid-Ebb	S3A	Fine	Moderate	4:04	11.7	Middle	22.7		8.2		31.6		87.4		6.3		2.1		7	
20/11/2023	Mid-Ebb	S3A	Fine	Moderate	4:04	11.7	Middle	22.7		8.2		31.6		87.4		6.3		2.0		6	
20/11/2023	Mid-Ebb	S3A	Fine	Moderate	4:04	11.7	Bottom	22.7		8.2		31.6		86.9		6.2		2.1		6	
20/11/2023	Mid-Ebb	S3A	Fine	Moderate	4:04	11.7	Bottom	22.7		8.2		31.6		86.9		6.3		2.2		6	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 20 November 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
20/11/2023	Mid-Flood	C1A	Sunny	Moderate	16:02	11.9	Surface	22.8	22.6	8.2	8.2	31.5	31.5	91.5	89.6	6.6	6.5	3.7	5.8	6	6.2
20/11/2023	Mid-Flood	C1A	Sunny	Moderate	16:02	11.9	Surface	22.8		8.2		31.5		91.5		6.6		3.7		6	
20/11/2023	Mid-Flood	C1A	Sunny	Moderate	16:02	11.9	Middle	22.5		8.2		31.5		88.6		6.4		5.1		6	
20/11/2023	Mid-Flood	C1A	Sunny	Moderate	16:02	11.9	Middle	22.5		8.2		31.5		88.6		6.4		5.0		6	
20/11/2023	Mid-Flood	C1A	Sunny	Moderate	16:02	11.9	Bottom	22.5		8.2		31.5		88.8		6.4		8.6		6	
20/11/2023	Mid-Flood	C1A	Sunny	Moderate	16:02	11.9	Bottom	22.5		8.2		31.5		88.8		6.4		8.6		7	
20/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:42	12.1	Surface	22.9	22.8	8.3	8.2	31.5	31.5	94.1	91.6	6.8	6.7	2.9	4.4	7	5.8
20/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:42	12.1	Surface	22.9		8.3		31.5		94.1		6.8		2.9		6	
20/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:42	12.1	Middle	22.8		8.2		31.5		91.5		6.6		3.3		6	
20/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:42	12.1	Middle	22.8		8.2		31.5		91.5		6.6		3.3		6	
20/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:42	12.1	Bottom	22.7		8.2		31.6		89.3		6.4		7.0		5	
20/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:42	12.1	Bottom	22.7		8.2		31.6		89.3		6.4		7.0		5	
20/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:36	5.5	Surface	22.7	22.7	8.2	8.2	31.5	31.5	91.2	89.9	6.6	6.6	2.8	3.0	5	5.5
20/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:36	5.5	Surface	22.8		8.2		31.5		91.2		6.6		2.8		6	
20/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:36	5.5	Middle														
20/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:36	5.5	Middle														
20/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:36	5.5	Bottom	22.6		8.2		31.6		88.5		6.4		3.3		6	
20/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:36	5.5	Bottom	22.6		8.2		31.5		88.5		6.4		3.3		5	
20/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:53	8.9	Surface	22.8	22.5	8.2	8.2	31.1	31.1	90.3	89.2	6.5	6.5	2.6	3.7	6	5.7
20/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:53	8.9	Surface	22.8		8.2		31.1		90.3		6.5		2.6		6	
20/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:53	8.9	Middle	22.4		8.2		31.1		88.7		6.4		3.4		6	
20/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:53	8.9	Middle	22.4		8.2		31.1		88.7		6.4		3.4		6	
20/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:53	8.9	Bottom	22.4		8.2		31.1		88.7		6.4		5.0		5	
20/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:53	8.9	Bottom	22.4		8.2		31.1		88.7		6.4		5.1		5	
20/11/2023	Mid-Flood	S3A	Sunny	Moderate	17:23	11.3	Surface	23.0	22.8	8.2	8.2	31.5	31.5	90.4	89.5	6.5	6.4	2.4	5.7	5	5.2
20/11/2023	Mid-Flood	S3A	Sunny	Moderate	17:23	11.3	Surface	23.0		8.2		31.5		90.4		6.5		2.5		5	
20/11/2023	Mid-Flood	S3A	Sunny	Moderate	17:23	11.3	Middle	22.8		8.2		31.5		89.5		6.4		5.6		5	
20/11/2023	Mid-Flood	S3A	Sunny	Moderate	17:23	11.3	Middle	22.8		8.2		31.5		89.5		6.4		5.7		5	
20/11/2023	Mid-Flood	S3A	Sunny	Moderate	17:23	11.3	Bottom	22.7		8.2		31.5		88.6		6.4		9.0		5	
20/11/2023	Mid-Flood	S3A	Sunny	Moderate	17:23	11.3	Bottom	22.7		8.2		31.5		88.7		6.4		9.0		6	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 22 November 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
22/11/2023	Mid-Ebb	C1A	Fine	Rough	7:13	12.1	Surface	23.4	23.3	8.2	8.2	31.2	31.2	88.1	86.9	6.3	6.3	4.0	5.8	5	3.5
22/11/2023	Mid-Ebb	C1A	Fine	Rough	7:13	12.1	Surface	23.4		8.2		31.2		88.1		6.3		4.0		5	
22/11/2023	Mid-Ebb	C1A	Fine	Rough	7:13	12.1	Middle	23.3		8.2		31.2		86.5		6.2		4.9		3	
22/11/2023	Mid-Ebb	C1A	Fine	Rough	7:13	12.1	Middle	23.3		8.2		31.2		86.5		6.2		4.9		3	
22/11/2023	Mid-Ebb	C1A	Fine	Rough	7:13	12.1	Bottom	23.3		8.2		31.3		86.2		6.1		8.5		3	
22/11/2023	Mid-Ebb	C1A	Fine	Rough	7:13	12.1	Bottom	23.3		8.2		31.3		86.2		6.1		8.5		2	
22/11/2023	Mid-Ebb	C2A	Fine	Rough	5:53	12.9	Surface	23.7	23.6	8.1	8.1	31.3	31.3	86.9	86.1	6.1	6.1	3.1	4.6	3	3.3
22/11/2023	Mid-Ebb	C2A	Fine	Rough	5:53	12.9	Surface	23.7		8.1		31.3		86.9		6.1		3.1		3	
22/11/2023	Mid-Ebb	C2A	Fine	Rough	5:53	12.9	Middle	23.6		8.1		31.3		86.0		6.1		3.6		4	
22/11/2023	Mid-Ebb	C2A	Fine	Rough	5:53	12.9	Middle	23.6		8.1		31.3		86.0		6.1		3.7		3	
22/11/2023	Mid-Ebb	C2A	Fine	Rough	5:53	12.9	Bottom	23.6		8.1		31.3		85.3		6.0		7.2		3	
22/11/2023	Mid-Ebb	C2A	Fine	Rough	5:53	12.9	Bottom	23.6		8.1		31.3		85.3		6.0		7.1		4	
22/11/2023	Mid-Ebb	S1A	Fine	Moderate	6:52	5.6	Surface	23.3	23.3	8.2	8.2	31.2	31.2	93.7	91.6	6.7	6.7	3.1	3.3	3	2.3
22/11/2023	Mid-Ebb	S1A	Fine	Moderate	6:52	5.6	Surface	23.3		8.2		31.2		93.6		6.7		3.2		2	
22/11/2023	Mid-Ebb	S1A	Fine	Moderate	6:52	5.6	Middle														
22/11/2023	Mid-Ebb	S1A	Fine	Moderate	6:52	5.6	Middle														
22/11/2023	Mid-Ebb	S1A	Fine	Moderate	6:52	5.6	Bottom	23.2		8.2		31.2		89.6		6.4		3.4		2	
22/11/2023	Mid-Ebb	S1A	Fine	Moderate	6:52	5.6	Bottom	23.2		8.2		31.2		89.6		6.4		3.4		2	
22/11/2023	Mid-Ebb	S2A	Fine	Moderate	6:34	8.9	Surface	23.6	23.5	8.2	8.2	31.3	31.3	89.9	88.5	6.4	6.4	3.7	4.8	2	4.5
22/11/2023	Mid-Ebb	S2A	Fine	Moderate	6:34	8.9	Surface	23.6		8.2		31.3		89.9		6.4		3.7		2	
22/11/2023	Mid-Ebb	S2A	Fine	Moderate	6:34	8.9	Middle	23.5		8.2		31.3		88.9		6.3		3.9		7	
22/11/2023	Mid-Ebb	S2A	Fine	Moderate	6:34	8.9	Middle	23.5		8.2		31.3		88.9		6.3		3.9		7	
22/11/2023	Mid-Ebb	S2A	Fine	Moderate	6:34	8.9	Bottom	23.4		8.2		31.4		86.8		6.2		6.7		5	
22/11/2023	Mid-Ebb	S2A	Fine	Moderate	6:34	8.9	Bottom	23.4		8.2		31.4		86.8		6.2		6.7		4	
22/11/2023	Mid-Ebb	S3A	Fine	Moderate	6:17	11.6	Surface	23.4	23.3	8.1	8.1	31.2	31.2	84.1	84.0	6.0	6.0	2.4	4.3	4	3.2
22/11/2023	Mid-Ebb	S3A	Fine	Moderate	6:17	11.6	Surface	23.4		8.1		31.2		84.1		6.0		2.4		4	
22/11/2023	Mid-Ebb	S3A	Fine	Moderate	6:17	11.6	Middle	23.3		8.1		31.2		83.8		6.0		2.6		3	
22/11/2023	Mid-Ebb	S3A	Fine	Moderate	6:17	11.6	Middle	23.3		8.1		31.2		83.9		6.0		2.7		2	
22/11/2023	Mid-Ebb	S3A	Fine	Moderate	6:17	11.6	Bottom	23.3		8.2		31.2		84.0		6.0		7.8		3	
22/11/2023	Mid-Ebb	S3A	Fine	Moderate	6:17	11.6	Bottom	23.3		8.2		31.2		84.1		6.0		7.7		3	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 22 November 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
22/11/2023	Mid-Flood	C1A	Sunny	Moderate	13:11	11.3	Surface	23.6	23.4	8.1	8.1	31.3	31.3	88.9	86.8	6.3	6.2	3.5	4.4	7	6.0
22/11/2023	Mid-Flood	C1A	Sunny	Moderate	13:11	11.3	Surface	23.6		8.1		31.3		88.9		6.3		3.5		6	
22/11/2023	Mid-Flood	C1A	Sunny	Moderate	13:11	11.3	Middle	23.3		8.1		31.3		86.0		6.1		3.9		6	
22/11/2023	Mid-Flood	C1A	Sunny	Moderate	13:11	11.3	Middle	23.3		8.1		31.3		86.0		6.1		3.9		8	
22/11/2023	Mid-Flood	C1A	Sunny	Moderate	13:11	11.3	Bottom	23.3		8.1		31.3		85.4		6.1		5.8		5	
22/11/2023	Mid-Flood	C1A	Sunny	Moderate	13:11	11.3	Bottom	23.3		8.1		31.3		85.4		6.1		5.7		4	
22/11/2023	Mid-Flood	C2A	Sunny	Moderate	14:36	10.9	Surface	24.3	24.2	8.2	8.2	31.6	31.7	90.6	87.5	6.3	6.2	2.8	6.1	5	7.2
22/11/2023	Mid-Flood	C2A	Sunny	Moderate	14:36	10.9	Surface	24.3		8.2		31.6		90.5		6.3		2.8		6	
22/11/2023	Mid-Flood	C2A	Sunny	Moderate	14:36	10.9	Middle	24.1		8.2		31.7		86.8		6.1		7.1		6	
22/11/2023	Mid-Flood	C2A	Sunny	Moderate	14:36	10.9	Middle	24.1		8.2		31.7		86.8		6.1		7.1		7	
22/11/2023	Mid-Flood	C2A	Sunny	Moderate	14:36	10.9	Bottom	24.1		8.2		31.8		85.2		6.0		8.5		12	
22/11/2023	Mid-Flood	C2A	Sunny	Moderate	14:36	10.9	Bottom	24.1		8.2		31.8		85.2		6.0		8.6		7	
22/11/2023	Mid-Flood	S1A	Sunny	Moderate	13:34	5.5	Surface	23.7	23.5	8.1	8.1	31.3	31.3	95.9	91.3	6.8	6.8	3.2	5.4	3	2.8
22/11/2023	Mid-Flood	S1A	Sunny	Moderate	13:34	5.5	Surface	23.7		8.1		31.3		95.8		6.8		3.2		3	
22/11/2023	Mid-Flood	S1A	Sunny	Moderate	13:34	5.5	Middle														
22/11/2023	Mid-Flood	S1A	Sunny	Moderate	13:34	5.5	Middle														
22/11/2023	Mid-Flood	S1A	Sunny	Moderate	13:34	5.5	Bottom	23.3		8.1		31.3		86.7		6.2		7.6		2	
22/11/2023	Mid-Flood	S1A	Sunny	Moderate	13:34	5.5	Bottom	23.3		8.1		31.3		86.7		6.2		7.6		3	
22/11/2023	Mid-Flood	S2A	Sunny	Moderate	13:48	7.7	Surface	23.7	23.6	8.2	8.2	31.4	31.4	92.6	89.9	6.5	6.5	2.7	4.6	4	4.3
22/11/2023	Mid-Flood	S2A	Sunny	Moderate	13:48	7.7	Surface	23.7		8.2		31.4		92.6		6.5		2.7		5	
22/11/2023	Mid-Flood	S2A	Sunny	Moderate	13:48	7.7	Middle	23.6		8.2		31.4		91.3		6.5		2.9		3	
22/11/2023	Mid-Flood	S2A	Sunny	Moderate	13:48	7.7	Middle	23.6		8.2		31.4		91.3		6.5		2.9		3	
22/11/2023	Mid-Flood	S2A	Sunny	Moderate	13:48	7.7	Bottom	23.4		8.1		31.4		85.9		6.1		8.2		5	
22/11/2023	Mid-Flood	S2A	Sunny	Moderate	13:48	7.7	Bottom	23.4		8.1		31.4		85.9		6.1		8.2		6	
22/11/2023	Mid-Flood	S3A	Sunny	Rough	15:04	11.1	Surface	24.0	23.9	8.2	8.2	31.5	31.5	91.2	89.7	6.4	6.4	2.2	2.4	2	3.0
22/11/2023	Mid-Flood	S3A	Sunny	Rough	15:04	11.1	Surface	24.0		8.2		31.5		91.2		6.4		2.2		2	
22/11/2023	Mid-Flood	S3A	Sunny	Rough	15:04	11.1	Middle	23.9		8.2		31.5		90.7		6.4		2.2		4	
22/11/2023	Mid-Flood	S3A	Sunny	Rough	15:04	11.1	Middle	23.9		8.2		31.5		90.7		6.4		2.2		2	
22/11/2023	Mid-Flood	S3A	Sunny	Rough	15:04	11.1	Bottom	23.7		8.2		31.5		87.1		6.2		2.7		4	
22/11/2023	Mid-Flood	S3A	Sunny	Rough	15:04	11.1	Bottom	23.7		8.2		31.5		87.1		6.2		2.7		4	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 24 November 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
24/11/2023	Mid-Ebb	C1A	Fine	Rough	10:06	12.5	Surface	23.7	23.6	8.2	8.2	32.0	32.0	102.5	101.5	7.3	7.3	2.0	2.2	4	3.8
24/11/2023	Mid-Ebb	C1A	Fine	Rough	10:06	12.5	Surface	23.7		8.2		32.0		102.5		7.3		2.0		3	
24/11/2023	Mid-Ebb	C1A	Fine	Rough	10:06	12.5	Middle	23.6		8.2		32.0		101.4		7.2		2.3		3	
24/11/2023	Mid-Ebb	C1A	Fine	Rough	10:06	12.5	Middle	23.6		8.2		32.0		101.2		7.2		2.4		4	
24/11/2023	Mid-Ebb	C1A	Fine	Rough	10:06	12.5	Bottom	23.6		8.2		32.0		100.7		7.2		2.4		4	
24/11/2023	Mid-Ebb	C1A	Fine	Rough	10:06	12.5	Bottom	23.6		8.2		32.0		100.8		7.2		2.4		5	
24/11/2023	Mid-Ebb	C2A	Fine	Rough	8:26	12.9	Surface	23.7	23.7	8.2	8.2	32.1	32.1	95.3	94.3	6.8	6.8	2.3	3.6	3	3.7
24/11/2023	Mid-Ebb	C2A	Fine	Rough	8:26	12.9	Surface	23.7		8.2		32.1		95.3		6.8		2.3		4	
24/11/2023	Mid-Ebb	C2A	Fine	Rough	8:26	12.9	Middle	23.7		8.2		32.1		94.5		6.7		2.6		3	
24/11/2023	Mid-Ebb	C2A	Fine	Rough	8:26	12.9	Middle	23.7		8.2		32.1		94.4		6.7		2.8		4	
24/11/2023	Mid-Ebb	C2A	Fine	Rough	8:26	12.9	Bottom	23.6		8.2		32.1		93.0		6.6		5.7		4	
24/11/2023	Mid-Ebb	C2A	Fine	Rough	8:26	12.9	Bottom	23.6		8.2		32.1		93.0		6.6		5.8		4	
24/11/2023	Mid-Ebb	S1A	Fine	Rough	9:46	5.7	Surface	23.6	23.7	8.2	8.2	32.0	32.0	101.3	99.7	7.2	7.2	2.7	2.5	3	3.3
24/11/2023	Mid-Ebb	S1A	Fine	Rough	9:46	5.7	Surface	23.6		8.2		32.0		101.4		7.2		2.7		3	
24/11/2023	Mid-Ebb	S1A	Fine	Rough	9:46	5.7	Middle														
24/11/2023	Mid-Ebb	S1A	Fine	Rough	9:46	5.7	Middle														
24/11/2023	Mid-Ebb	S1A	Fine	Rough	9:46	5.7	Bottom	23.7		8.2		32.0		98.0		7.0		2.4		3	
24/11/2023	Mid-Ebb	S1A	Fine	Rough	9:46	5.7	Bottom	23.7		8.2		32.0		98.0		7.0		2.4		4	
24/11/2023	Mid-Ebb	S2A	Fine	Rough	9:18	9.2	Surface	23.7	23.7	8.2	8.2	32.0	32.0	97.8	96.8	7.0	7.0	2.1	2.3	3	3.2
24/11/2023	Mid-Ebb	S2A	Fine	Rough	9:18	9.2	Surface	23.7		8.2		32.0		97.8		7.0		2.2		3	
24/11/2023	Mid-Ebb	S2A	Fine	Rough	9:18	9.2	Middle	23.7		8.2		32.0		96.9		6.9		2.3		3	
24/11/2023	Mid-Ebb	S2A	Fine	Rough	9:18	9.2	Middle	23.7		8.2		32.0		96.9		6.9		2.4		3	
24/11/2023	Mid-Ebb	S2A	Fine	Rough	9:18	9.2	Bottom	23.6		8.2		32.0		95.7		6.8		2.5		4	
24/11/2023	Mid-Ebb	S2A	Fine	Rough	9:18	9.2	Bottom	23.6		8.2		32.0		95.7		6.8		2.5		3	
24/11/2023	Mid-Ebb	S3A	Fine	Rough	8:55	11.8	Surface	23.7	23.7	8.2	8.2	32.1	32.1	95.7	95.2	6.8	6.8	4.5	3.2	3	3.2
24/11/2023	Mid-Ebb	S3A	Fine	Rough	8:55	11.8	Surface	23.7		8.2		32.0		95.7		6.8		4.5		2	
24/11/2023	Mid-Ebb	S3A	Fine	Rough	8:55	11.8	Middle	23.7		8.2		32.1		95.3		6.8		2.1		4	
24/11/2023	Mid-Ebb	S3A	Fine	Rough	8:55	11.8	Middle	23.7		8.2		32.1		95.3		6.8		2.1		3	
24/11/2023	Mid-Ebb	S3A	Fine	Rough	8:55	11.8	Bottom	23.7		8.2		32.1		94.4		6.7		2.9		4	
24/11/2023	Mid-Ebb	S3A	Fine	Rough	8:55	11.8	Bottom	23.7		8.2		32.1		94.5		6.7		2.9		3	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 24 November 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
24/11/2023	Mid-Flood	C1A	Sunny	Rough	14:21	12.1	Surface	23.7	23.7	8.2	8.2	32.0	32.0	99.3	96.5	7.1	7.0	2.2	5.2	3	2.7
24/11/2023	Mid-Flood	C1A	Sunny	Rough	14:21	12.1	Surface	23.7		8.2		32.0		99.3		7.1		2.2		3	
24/11/2023	Mid-Flood	C1A	Sunny	Rough	14:21	12.1	Middle	23.7		8.2		32.0		97.4		6.9		5.4		3	
24/11/2023	Mid-Flood	C1A	Sunny	Rough	14:21	12.1	Middle	23.7		8.2		32.0		97.3		6.9		5.5		3	
24/11/2023	Mid-Flood	C1A	Sunny	Rough	14:21	12.1	Bottom	23.6		8.2		32.0		92.8		6.6		7.8		2	
24/11/2023	Mid-Flood	C1A	Sunny	Rough	14:21	12.1	Bottom	23.6		8.2		32.0		92.9		6.6		7.8		2	
24/11/2023	Mid-Flood	C2A	Sunny	Rough	16:06	12.2	Surface	23.7	23.7	8.2	8.2	32.0	32.0	100.5	97.2	7.2	7.1	2.1	4.5	3	3.3
24/11/2023	Mid-Flood	C2A	Sunny	Rough	16:06	12.2	Surface	23.7		8.2		32.0		100.5		7.2		2.2		3	
24/11/2023	Mid-Flood	C2A	Sunny	Rough	16:06	12.2	Middle	23.7		8.2		32.0		97.9		7.0		2.5		4	
24/11/2023	Mid-Flood	C2A	Sunny	Rough	16:06	12.2	Middle	23.7		8.2		32.0		97.9		7.0		2.5		3	
24/11/2023	Mid-Flood	C2A	Sunny	Rough	16:06	12.2	Bottom	23.6		8.2		32.0		93.2		6.7		8.8		3	
24/11/2023	Mid-Flood	C2A	Sunny	Rough	16:06	12.2	Bottom	23.6		8.2		32.0		93.3		6.7		8.9		4	
24/11/2023	Mid-Flood	S1A	Sunny	Rough	14:51	5.4	Surface	23.7	23.7	8.2	8.2	32.0	32.0	100.1	98.9	7.1	7.1	2.6	2.7	2	3.0
24/11/2023	Mid-Flood	S1A	Sunny	Rough	14:51	5.4	Surface	23.7		8.2		32.0		100.1		7.1		2.6		3	
24/11/2023	Mid-Flood	S1A	Sunny	Rough	14:51	5.4	Middle														
24/11/2023	Mid-Flood	S1A	Sunny	Rough	14:51	5.4	Middle														
24/11/2023	Mid-Flood	S1A	Sunny	Rough	14:51	5.4	Bottom	23.7		8.2		32.0		97.7		7.0		2.8		3	
24/11/2023	Mid-Flood	S1A	Sunny	Rough	14:51	5.4	Bottom	23.7		8.2		32.0		97.7		7.0		2.8		4	
24/11/2023	Mid-Flood	S2A	Sunny	Rough	15:13	9.1	Surface	23.7	23.6	8.2	8.2	32.0	32.0	97.4	94.9	6.9	6.8	2.8	5.0	3	2.7
24/11/2023	Mid-Flood	S2A	Sunny	Rough	15:13	9.1	Surface	23.7		8.2		32.0		97.4		6.9		2.8		3	
24/11/2023	Mid-Flood	S2A	Sunny	Rough	15:13	9.1	Middle	23.6		8.2		32.0		94.6		6.8		4.7		3	
24/11/2023	Mid-Flood	S2A	Sunny	Rough	15:13	9.1	Middle	23.6		8.2		32.0		94.5		6.7		4.8		2	
24/11/2023	Mid-Flood	S2A	Sunny	Rough	15:13	9.1	Bottom	23.6		8.2		32.0		92.7		6.6		7.4		2	
24/11/2023	Mid-Flood	S2A	Sunny	Rough	15:13	9.1	Bottom	23.6		8.2		32.0		92.7		6.6		7.5		3	
24/11/2023	Mid-Flood	S3A	Sunny	Rough	15:43	11.3	Surface	23.7	23.7	8.2	8.2	32.0	32.0	99.7	98.1	7.1	7.1	2.2	2.7	4	3.2
24/11/2023	Mid-Flood	S3A	Sunny	Rough	15:43	11.3	Surface	23.7		8.2		32.0		99.7		7.1		2.2		3	
24/11/2023	Mid-Flood	S3A	Sunny	Rough	15:43	11.3	Middle	23.7		8.2		32.0		98.1		7.0		2.7		3	
24/11/2023	Mid-Flood	S3A	Sunny	Rough	15:43	11.3	Middle	23.7		8.2		32.0		98.1		7.0		2.8		3	
24/11/2023	Mid-Flood	S3A	Sunny	Rough	15:43	11.3	Bottom	23.7		8.2		32.0		96.6		6.9		3.2		3	
24/11/2023	Mid-Flood	S3A	Sunny	Rough	15:43	11.3	Bottom	23.7		8.2		32.0		96.6		6.9		3.3		3	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 27 November 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
27/11/2023	Mid-Ebb	C1A	Sunny	Moderate	13:01	12.5	Surface	23.2	23.1	8.3	8.3	32.0	32.0	118.9	111.5	8.5	8.2	3.2	4.3	8	7.0
27/11/2023	Mid-Ebb	C1A	Sunny	Moderate	13:01	12.5	Surface	23.3		8.3		32.0		118.8		8.4		3.2		7	
27/11/2023	Mid-Ebb	C1A	Sunny	Moderate	13:01	12.5	Middle	23.0		8.3		32.0		112.3		8.0		3.4		7	
27/11/2023	Mid-Ebb	C1A	Sunny	Moderate	13:01	12.5	Middle	23.0		8.3		32.0		112.3		8.0		3.4		7	
27/11/2023	Mid-Ebb	C1A	Sunny	Moderate	13:01	12.5	Bottom	22.9		8.3		32.0		103.2		7.4		6.2		6	
27/11/2023	Mid-Ebb	C1A	Sunny	Moderate	13:01	12.5	Bottom	22.9		8.3		32.0		103.3		7.4		6.2		7	
27/11/2023	Mid-Ebb	C2A	Sunny	Moderate	11:22	12.7	Surface	23.2	23.1	8.2	8.2	31.7	31.8	91.3	90.3	6.5	6.5	4.6	6.3	6	6.8
27/11/2023	Mid-Ebb	C2A	Sunny	Moderate	11:22	12.7	Surface	23.2		8.2		31.8		91.3		6.5		4.6		7	
27/11/2023	Mid-Ebb	C2A	Sunny	Moderate	11:22	12.7	Middle	23.1		8.2		31.8		89.8		6.4		5.1		7	
27/11/2023	Mid-Ebb	C2A	Sunny	Moderate	11:22	12.7	Middle	23.1		8.2		31.8		89.8		6.4		5.1		7	
27/11/2023	Mid-Ebb	C2A	Sunny	Moderate	11:22	12.7	Bottom	23.0		8.2		31.8		89.9		6.4		9.1		7	
27/11/2023	Mid-Ebb	C2A	Sunny	Moderate	11:22	12.7	Bottom	23.0		8.2		31.8		89.9		6.4		9.1		7	
27/11/2023	Mid-Ebb	S1A	Sunny	Moderate	12:31	4.7	Surface	23.5	23.3	8.3	8.3	31.9	32.0	119.4	114.4	8.5	8.5	3.1	3.4	8	6.8
27/11/2023	Mid-Ebb	S1A	Sunny	Moderate	12:31	4.7	Surface	23.5		8.3		31.9		119.4		8.5		3.1		7	
27/11/2023	Mid-Ebb	S1A	Sunny	Moderate	12:31	4.7	Middle														
27/11/2023	Mid-Ebb	S1A	Sunny	Moderate	12:31	4.7	Middle														
27/11/2023	Mid-Ebb	S1A	Sunny	Moderate	12:31	4.7	Bottom	23.0		8.3		32.1		109.6		7.8		3.6		6	
27/11/2023	Mid-Ebb	S1A	Sunny	Moderate	12:31	4.7	Bottom	23.0		8.3		32.0		109.2		7.8		3.7		6	
27/11/2023	Mid-Ebb	S2A	Sunny	Moderate	12:14	9.2	Surface	23.3	23.2	8.2	8.2	32.2	32.2	99.8	95.0	7.1	6.9	3.5	4.1	7	7.3
27/11/2023	Mid-Ebb	S2A	Sunny	Moderate	12:14	9.2	Surface	23.3		8.2		32.2		99.7		7.1		3.6		7	
27/11/2023	Mid-Ebb	S2A	Sunny	Moderate	12:14	9.2	Middle	23.2		8.2		32.2		94.9		6.7		4.1		7	
27/11/2023	Mid-Ebb	S2A	Sunny	Moderate	12:14	9.2	Middle	23.2		8.2		32.2		94.9		6.7		4.2		8	
27/11/2023	Mid-Ebb	S2A	Sunny	Moderate	12:14	9.2	Bottom	23.1		8.2		32.3		90.3		6.4		4.6		8	
27/11/2023	Mid-Ebb	S2A	Sunny	Moderate	12:14	9.2	Bottom	23.1		8.2		32.3		90.3		6.4		4.6		7	
27/11/2023	Mid-Ebb	S3A	Sunny	Moderate	11:49	11.8	Surface	23.2	23.2	8.2	8.2	32.1	32.2	96.5	92.8	6.9	6.7	3.5	4.7	6	6.7
27/11/2023	Mid-Ebb	S3A	Sunny	Moderate	11:49	11.8	Surface	23.2		8.2		32.1		96.5		6.9		3.6		6	
27/11/2023	Mid-Ebb	S3A	Sunny	Moderate	11:49	11.8	Middle	23.2		8.2		32.2		93.3		6.6		4.2		6	
27/11/2023	Mid-Ebb	S3A	Sunny	Moderate	11:49	11.8	Middle	23.2		8.2		32.2		93.3		6.6		4.2		7	
27/11/2023	Mid-Ebb	S3A	Sunny	Moderate	11:49	11.8	Bottom	23.1		8.2		32.3		88.5		6.3		6.4		7	
27/11/2023	Mid-Ebb	S3A	Sunny	Moderate	11:49	11.8	Bottom	23.1		8.2		32.3		88.5		6.3		6.5		8	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

2) Mid-depth sampling was omitted at S1A as the water depth was less than 6m.

3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

Monitoring Date: 27 November 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling Time Start Time	Water Depth (m)	Level	Water Temperature (°C)	Water Temperature (°C)	pH	pH	Salinity (ppt)	Salinity (ppt)	DO Saturation (%)	DO Saturation (%)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Turbidity (NTU)	Suspended Solids (mg/L)	Suspended Solids (mg/L)
								Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged	Value	Depth- averaged
27/11/2023	Mid-Flood	C1A	Sunny	Moderate	15:37	12.1	Surface	23.6	23.2	8.3	8.2	32.4	32.4	101.3	94.3	7.1	6.9	1.7	4.7	6	6.3
27/11/2023	Mid-Flood	C1A	Sunny	Moderate	15:37	12.1	Surface	23.6		8.3		32.4		101.3		7.1		1.7		7	
27/11/2023	Mid-Flood	C1A	Sunny	Moderate	15:37	12.1	Middle	23.1		8.2		32.3		93.3		6.6		3.5		6	
27/11/2023	Mid-Flood	C1A	Sunny	Moderate	15:37	12.1	Middle	23.1		8.2		32.4		93.2		6.6		3.6		7	
27/11/2023	Mid-Flood	C1A	Sunny	Moderate	15:37	12.1	Bottom	23.0		8.2		32.4		88.2		6.3		8.9		6	
27/11/2023	Mid-Flood	C1A	Sunny	Moderate	15:37	12.1	Bottom	23.0		8.2		32.4		88.2		6.3		8.9		6	
27/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:12	12.5	Surface	23.4	23.2	8.3	8.3	31.8	31.9	106.4	96.5	7.5	7.1	2.3	4.0	8	7.8
27/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:12	12.5	Surface	23.4		8.3		31.8		106.3		7.5		2.3		7	
27/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:12	12.5	Middle	23.1		8.3		32.0		92.3		6.6		3.9		7	
27/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:12	12.5	Middle	23.1		8.3		32.0		92.3		6.6		3.9		8	
27/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:12	12.5	Bottom	23.0		8.2		32.0		90.7		6.5		5.7		8	
27/11/2023	Mid-Flood	C2A	Sunny	Moderate	17:12	12.5	Bottom	23.0		8.2		32.0		90.8		6.5		5.8		9	
27/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:04	4.2	Surface	23.7	23.5	8.3	8.3	32.2	32.2	102.3	99.7	7.2	7.2	1.9	1.9	6	6.8
27/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:04	4.2	Surface	23.6		8.3		32.2		102.2		7.2		1.8		7	
27/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:04	4.2	Middle														
27/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:04	4.2	Middle														
27/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:04	4.2	Bottom	23.3		8.3		32.3		97.2		6.9		2.0		7	
27/11/2023	Mid-Flood	S1A	Sunny	Moderate	16:04	4.2	Bottom	23.3		8.3		32.3		97.2		6.9		2.0		7	
27/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:19	8.6	Surface	23.4	23.2	8.3	8.2	32.0	32.1	95.2	91.6	6.8	6.6	3.2	3.7	6	6.3
27/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:19	8.6	Surface	23.4		8.3		32.1		95.2		6.7		3.2		5	
27/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:19	8.6	Middle	23.1		8.2		32.2		90.4		6.4		4.1		6	
27/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:19	8.6	Middle	23.1		8.2		32.2		90.4		6.4		4.2		6	
27/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:19	8.6	Bottom	23.0		8.2		32.2		89.2		6.3		3.6		8	
27/11/2023	Mid-Flood	S2A	Sunny	Moderate	16:19	8.6	Bottom	23.0		8.2		32.2		89.1		6.3		3.7		7	
27/11/2023	Mid-Flood	S3A	Sunny	Moderate	16:53	11.4	Surface	23.7	23.3	8.3	8.2	32.0	32.0	99.1	94.1	7.0	6.9	2.4	4.7	8	7.7
27/11/2023	Mid-Flood	S3A	Sunny	Moderate	16:53	11.4	Surface	23.7		8.3		32.0		99.1		7.0		2.4		6	
27/11/2023	Mid-Flood	S3A	Sunny	Moderate	16:53	11.4	Middle	23.2		8.2		32.0		94.7		6.7		3.3		8	
27/11/2023	Mid-Flood	S3A	Sunny	Moderate	16:53	11.4	Middle	23.2		8.2		32.0		94.7		6.7		3.3		8	
27/11/2023	Mid-Flood	S3A	Sunny	Moderate	16:53	11.4	Bottom	23.0		8.2		32.1		88.6		6.3		8.4		8	
27/11/2023	Mid-Flood	S3A	Sunny	Moderate	16:53	11.4	Bottom	23.0		8.2		32.1		88.6		6.3		8.6		8	

Note:

Exceedance of Action Level

Exceedance of Limit Level

1) C1A and C2A are control stations. Data from control stations are used as reference. It is assumed that construction activities would not affect the control stations during the EIA Study. Exceedance should only focus on the impact stations S1A, S2A and S3A.

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3) Two consecutive measurements were taken. If the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded, and further readings were taken.

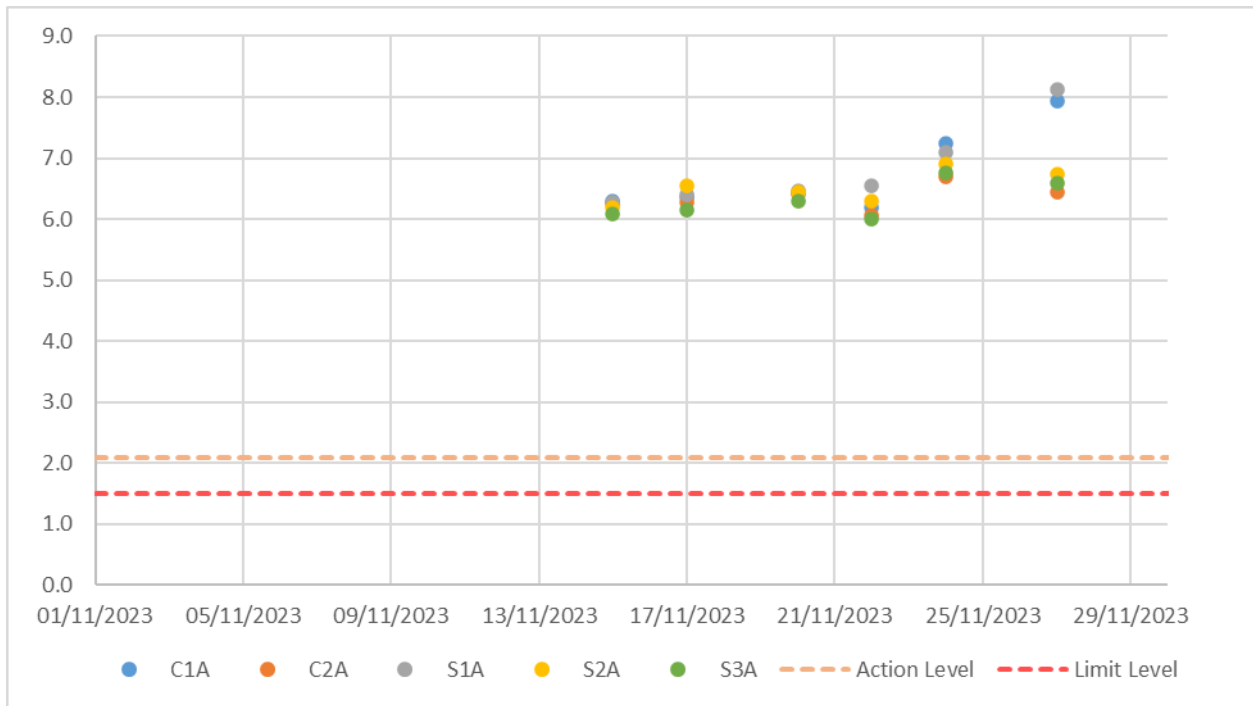


Figure 1: Depth-average of Dissolved Oxygen (mg/L) during mid-ebb tide in November 2023

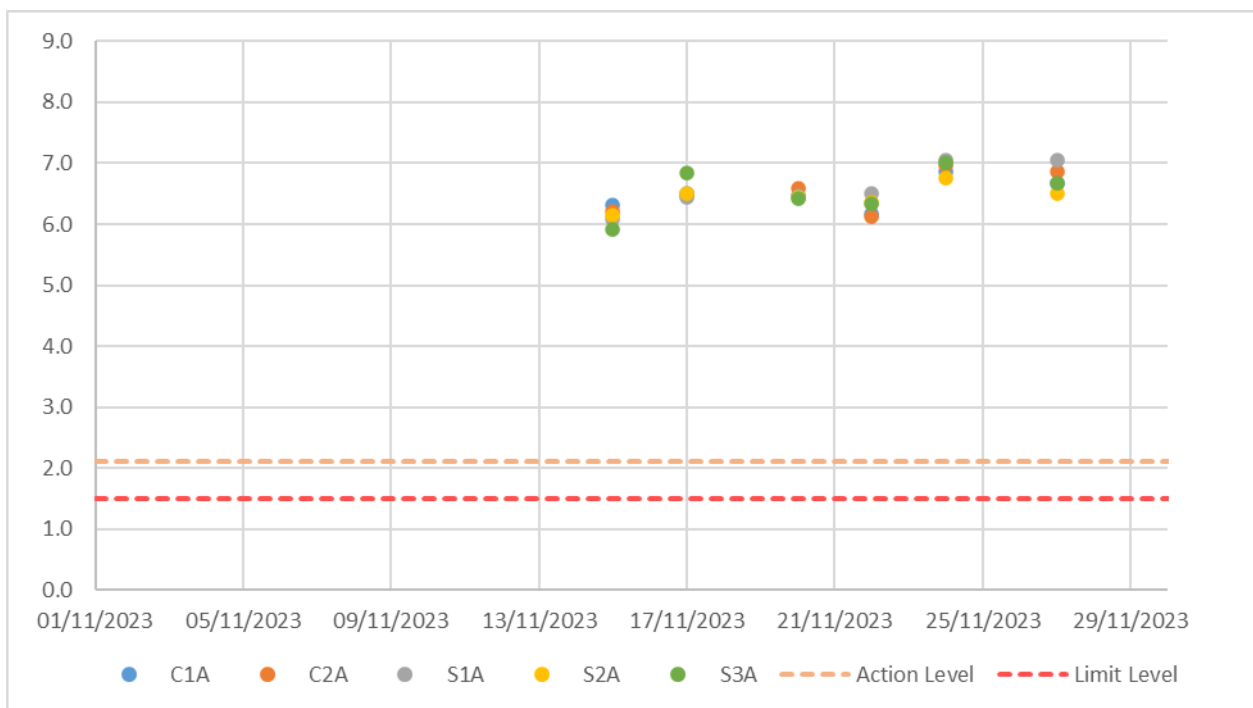


Figure 2: Depth-average of Dissolved Oxygen (mg/L) during mid-flood tide in November 2023

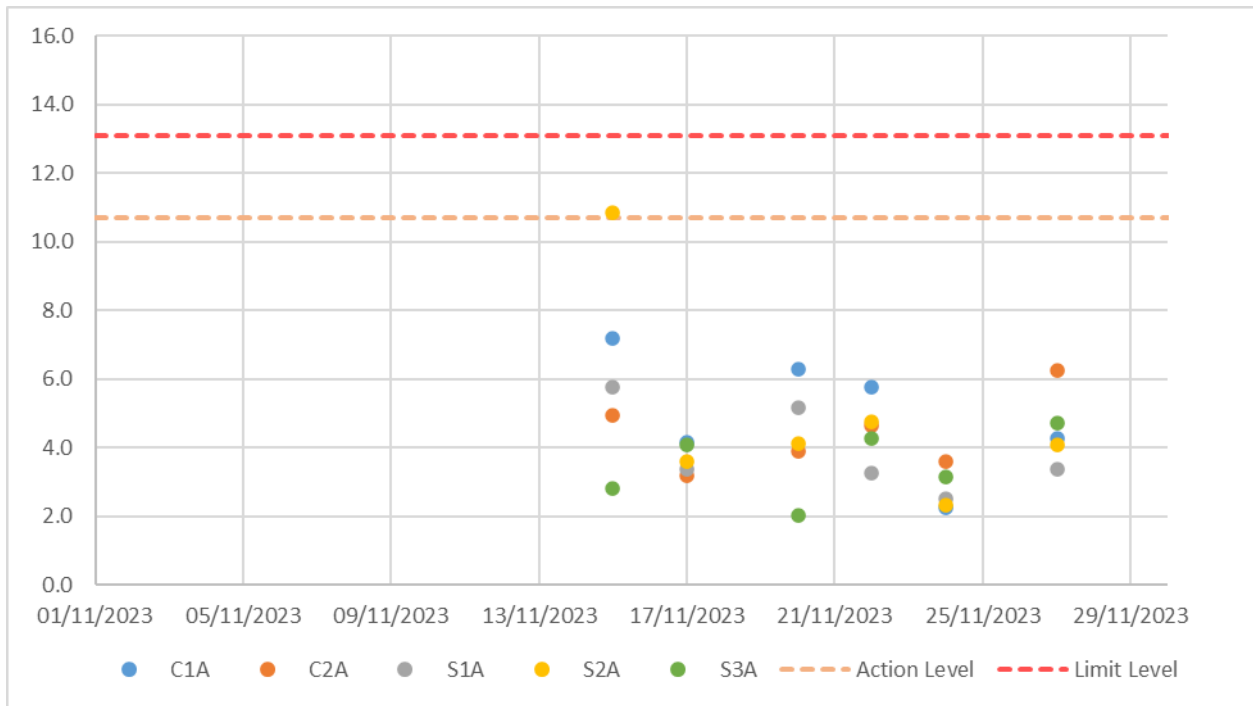


Figure 5: Depth-average Turbidity (NTU) during mid-ebb tide in November 2023

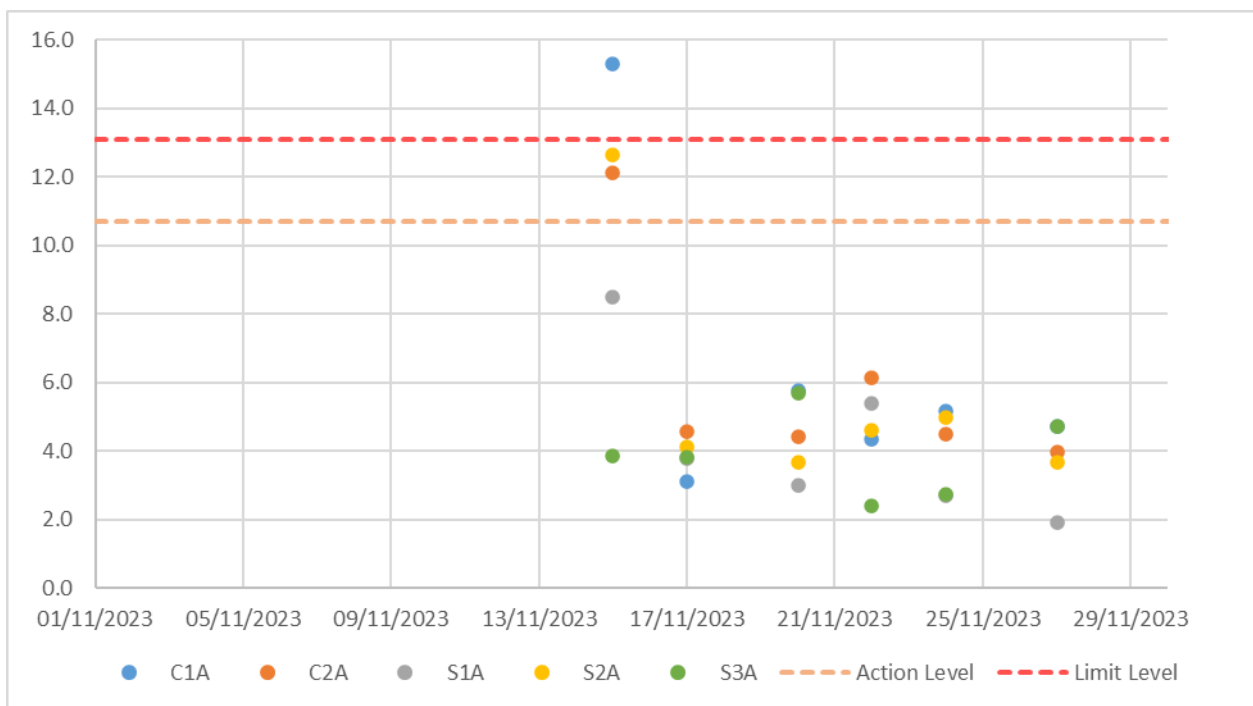


Figure 6: Depth-average Turbidity (NTU) during mid-flood tide in November 2023

Source: PP:\Projects\0691230 CLP Power Hong Kong Limited CLP EM&A IW MF
Cable.MT\08 Monitoring\Impact WQ

Date: 08/11/2023



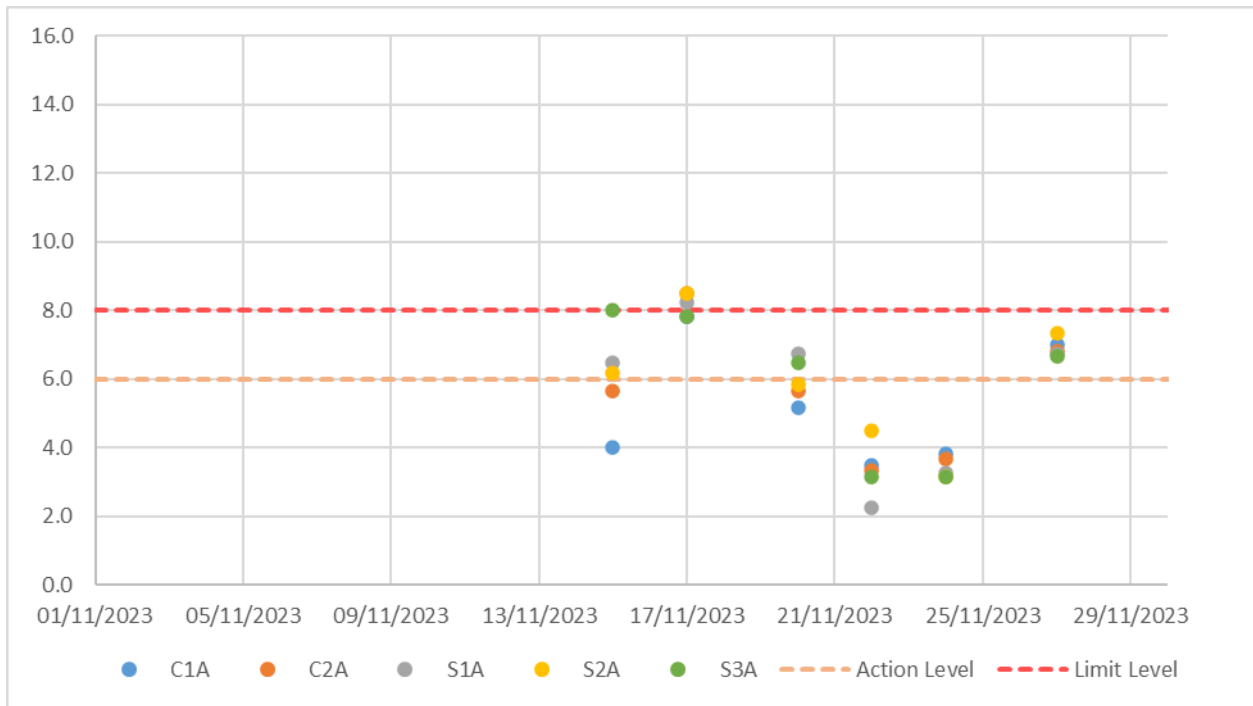


Figure 7: Depth-average Suspended Solids (mg/L) during mid-ebb tide in November 2023

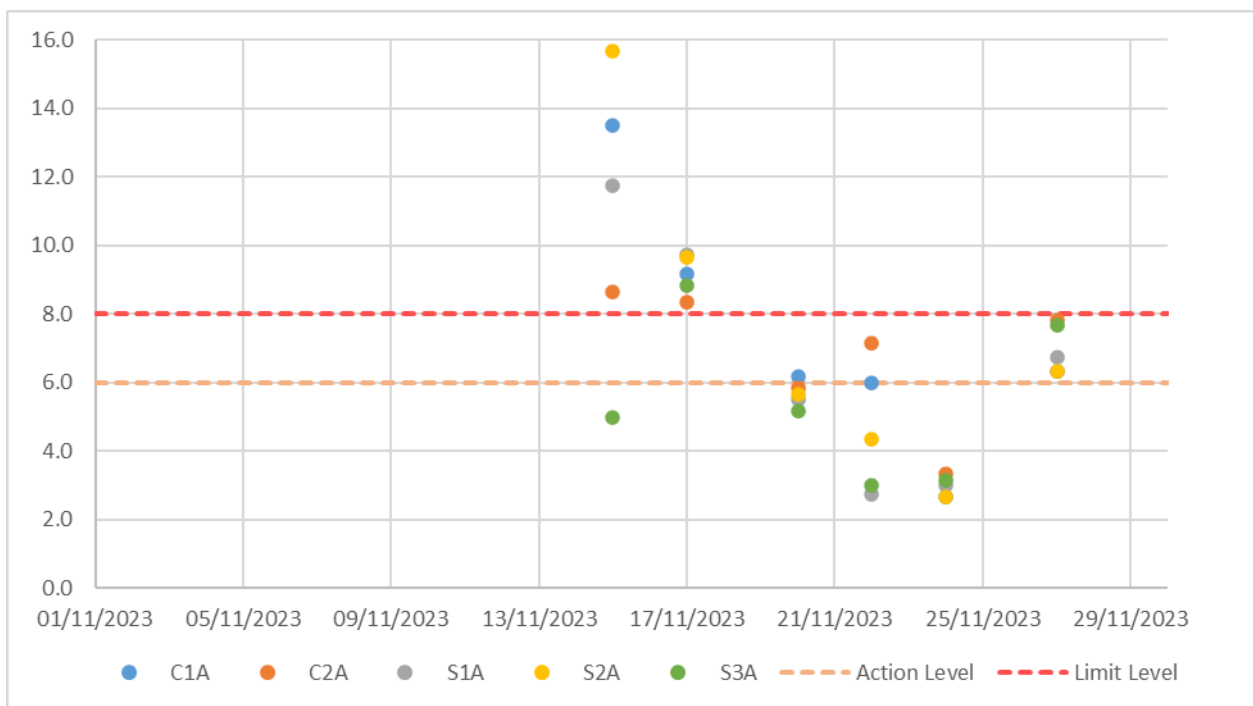


Figure 8: Depth-average Suspended Solids (mg/L) during mid-flood tide in November 2023