

ERM

APPENDIX H

CONSTRUCTION PHASE MARINE WATER
QUALITY MONITORING RESULTS

Monitoring Date: 1 December 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
01/12/2023	Mid-Flood	C1A	Misty	Rough	14:04	9.9	Surface	22.8	22.8	8.2	8.1	31.9	31.9	89.8	88.3	6.4	6.4	5.1	6.2	9	10.3
01/12/2023	Mid-Flood	C1A	Misty	Rough	14:04	9.9	Surface	22.8		8.2		31.9		89.8		6.4		5.1		10	
01/12/2023	Mid-Flood	C1A	Misty	Rough	14:04	9.9	Middle	22.8		8.2		31.9		87.6		6.3		6.1		10	
01/12/2023	Mid-Flood	C1A	Misty	Rough	14:04	9.9	Middle	22.8		8.2		31.9		87.5		6.3		6.1		9	
01/12/2023	Mid-Flood	C1A	Misty	Rough	14:04	9.9	Bottom	22.8		8.1		32.0		87.5		6.3		7.6		12	
01/12/2023	Mid-Flood	C1A	Misty	Rough	14:04	9.9	Bottom	22.8		8.1		32.0		87.7		6.3		7.5		12	
01/12/2023	Mid-Flood	C2A	Misty	Rough	12:45	11.0	Surface	22.7	22.8	8.2	8.2	31.5	31.6	87.9	87.3	6.3	6.3	3.9	4.8	7	7.8
01/12/2023	Mid-Flood	C2A	Misty	Rough	12:45	11.0	Surface	22.7		8.2		31.5		87.8		6.3		3.9		8	
01/12/2023	Mid-Flood	C2A	Misty	Rough	12:45	11.0	Middle	22.8		8.2		31.6		87.0		6.2		4.6		8	
01/12/2023	Mid-Flood	C2A	Misty	Rough	12:45	11.0	Middle	22.8		8.2		31.6		86.9		6.2		4.8		7	
01/12/2023	Mid-Flood	C2A	Misty	Rough	12:45	11.0	Bottom	22.8		8.2		31.8		87.0		6.2		5.7		9	
01/12/2023	Mid-Flood	C2A	Misty	Rough	12:45	11.0	Bottom	22.8		8.2		31.8		87.1		6.2		5.7		8	
01/12/2023	Mid-Flood	I1	Misty	Moderate	15:42	5.3	Surface	22.5	22.5	8.2	8.2	31.9	31.9	100.7	100.4	7.2	7.2	5.3	6.2	10	9.8
01/12/2023	Mid-Flood	I1	Misty	Moderate	15:42	5.3	Surface	22.5		8.2		31.9		100.7		7.2		5.3		11	
01/12/2023	Mid-Flood	I1	Misty	Moderate	15:42	5.3	Middle														
01/12/2023	Mid-Flood	I1	Misty	Moderate	15:42	5.3	Middle														
01/12/2023	Mid-Flood	I1	Misty	Moderate	15:42	5.3	Bottom	22.5		8.2		31.9		100.2		7.2		7.2		9	
01/12/2023	Mid-Flood	I1	Misty	Moderate	15:42	5.3	Bottom	22.5		8.2		31.9		100.0		7.2		7.2		9	
01/12/2023	Mid-Flood	I2	Misty	Moderate	15:51	5.1	Surface	22.5	22.5	8.2	8.2	32.0	32.0	101.8	101.2	7.3	7.3	4.4	5.1	10	9.3
01/12/2023	Mid-Flood	I2	Misty	Moderate	15:51	5.1	Surface	22.5		8.2		32.0		101.7		7.3		4.4		9	
01/12/2023	Mid-Flood	I2	Misty	Moderate	15:51	5.1	Middle														
01/12/2023	Mid-Flood	I2	Misty	Moderate	15:51	5.1	Middle														
01/12/2023	Mid-Flood	I2	Misty	Moderate	15:51	5.1	Bottom	22.5		8.2		32.0		100.8		7.3		5.7		9	
01/12/2023	Mid-Flood	I2	Misty	Moderate	15:51	5.1	Bottom	22.5		8.2		32.0		100.6		7.2		5.7		9	

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 I1 and I2.

2) Mid-depth sampling was omitted at I1 and I2 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: 4 December 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
04/12/2023	Mid-Flood	C1A	Sunny	Moderate	15:43	10.8	Surface	22.7	22.6	8.2	8.1	32.0	32.0	91.3	88.6	6.5	6.4	1.4	3.8	6	5.2
04/12/2023	Mid-Flood	C1A	Sunny	Moderate	15:43	10.8	Surface	22.7		8.2		32.0		91.3		6.5		1.4		6	
04/12/2023	Mid-Flood	C1A	Sunny	Moderate	15:43	10.8	Middle	22.5		8.1		32.0		88.2		6.3		2.3		6	
04/12/2023	Mid-Flood	C1A	Sunny	Moderate	15:43	10.8	Middle	22.5		8.1		32.1		88.2		6.3		2.3		6	
04/12/2023	Mid-Flood	C1A	Sunny	Moderate	15:43	10.8	Bottom	22.5		8.1		32.0		86.4		6.2		7.5		4	
04/12/2023	Mid-Flood	C1A	Sunny	Moderate	15:43	10.8	Bottom	22.5		8.1		32.0		86.4		6.2		7.5		3	
04/12/2023	Mid-Flood	C2A	Sunny	Moderate	15:10	12.8	Surface	22.6	22.5	8.1	8.1	31.8	31.9	87.8	85.5	6.3	6.2	3.1	5.0	5	6.2
04/12/2023	Mid-Flood	C2A	Sunny	Moderate	15:10	12.8	Surface	22.6		8.1		31.8		87.8		6.3		3.1		6	
04/12/2023	Mid-Flood	C2A	Sunny	Moderate	15:10	12.8	Middle	22.5		8.1		31.9		85.3		6.1		5.7		6	
04/12/2023	Mid-Flood	C2A	Sunny	Moderate	15:10	12.8	Middle	22.5		8.1		31.9		85.3		6.1		5.7		6	
04/12/2023	Mid-Flood	C2A	Sunny	Moderate	15:10	12.8	Bottom	22.5		8.1		32.0		83.3		6.0		6.2		8	
04/12/2023	Mid-Flood	C2A	Sunny	Moderate	15:10	12.8	Bottom	22.5		8.1		32.0		83.3		6.0		6.3		7	
04/12/2023	Mid-Flood	I1	Sunny	Moderate	16:06	5.6	Surface	23.1	22.8	8.2	8.2	31.8	31.7	107.5	99.9	7.7	7.7	2.0	3.2	4	4.3
04/12/2023	Mid-Flood	I1	Sunny	Moderate	16:06	5.6	Surface	23.1		8.2		31.4		107.4		7.7		2.0		5	
04/12/2023	Mid-Flood	I1	Sunny	Moderate	16:06	5.6	Middle														
04/12/2023	Mid-Flood	I1	Sunny	Moderate	16:06	5.6	Middle														
04/12/2023	Mid-Flood	I1	Sunny	Moderate	16:06	5.6	Bottom	22.5		8.1		31.9		92.4		6.7		4.4		4	
04/12/2023	Mid-Flood	I1	Sunny	Moderate	16:06	5.6	Bottom	22.5		8.1		31.8		92.3		6.7		4.3		4	
04/12/2023	Mid-Flood	I2	Sunny	Moderate	16:11	5.2	Surface	23.2	22.9	8.2	8.2	32.0	31.9	107.9	99.5	7.7	7.7	2.0	3.5	5	5.0
04/12/2023	Mid-Flood	I2	Sunny	Moderate	16:11	5.2	Surface	23.2		8.2		32.0		107.8		7.7		2.0		4	
04/12/2023	Mid-Flood	I2	Sunny	Moderate	16:11	5.2	Middle														
04/12/2023	Mid-Flood	I2	Sunny	Moderate	16:11	5.2	Middle														
04/12/2023	Mid-Flood	I2	Sunny	Moderate	16:11	5.2	Bottom	22.5		8.1		31.9		91.2		6.6		5.1		5	
04/12/2023	Mid-Flood	I2	Sunny	Moderate	16:11	5.2	Bottom	22.5		8.1		31.9		91.2		6.6		5.0		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 I1 and I2.
- 2) Mid-depth sampling was omitted at I1 and I2 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: 6 December 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
06/12/2023	Mid-Ebb	C1A	Cloudy	Moderate	13:04	10.6	Surface	22.4	22.4	8.3	8.2	31.8	31.9	104.5	97.1	7.5	7.3	0.3	1.4	3	3.2
06/12/2023	Mid-Ebb	C1A	Cloudy	Moderate	13:04	10.6	Surface	22.4		8.3		31.8		104.4		7.5		0.3		3	
06/12/2023	Mid-Ebb	C1A	Cloudy	Moderate	13:04	10.6	Middle	22.4		8.2		31.8		97.0		7.0		0.3		3	
06/12/2023	Mid-Ebb	C1A	Cloudy	Moderate	13:04	10.6	Middle	22.4		8.2		31.8		97.0		7.0		0.3		3	
06/12/2023	Mid-Ebb	C1A	Cloudy	Moderate	13:04	10.6	Bottom	22.4		8.2		32.0		89.9		6.5		3.5		4	
06/12/2023	Mid-Ebb	C1A	Cloudy	Moderate	13:04	10.6	Bottom	22.4		8.2		32.0		90.0		6.5		3.5		3	
06/12/2023	Mid-Ebb	C2A	Cloudy	Moderate	12:38	11.4	Surface	22.4	22.4	8.2	8.1	31.8	31.9	93.4	89.7	6.7	6.6	0.7	3.6	4	3.7
06/12/2023	Mid-Ebb	C2A	Cloudy	Moderate	12:38	11.4	Surface	22.4		8.2		31.8		93.2		6.7		0.8		3	
06/12/2023	Mid-Ebb	C2A	Cloudy	Moderate	12:38	11.4	Middle	22.4		8.1		31.8		90.3		6.5		3.6		3	
06/12/2023	Mid-Ebb	C2A	Cloudy	Moderate	12:38	11.4	Middle	22.4		8.1		31.9		90.3		6.5		3.9		4	
06/12/2023	Mid-Ebb	C2A	Cloudy	Moderate	12:38	11.4	Bottom	22.4		8.1		32.0		85.6		6.2		6.2		4	
06/12/2023	Mid-Ebb	C2A	Cloudy	Moderate	12:38	11.4	Bottom	22.4		8.1		32.0		85.6		6.2		6.5		4	
06/12/2023	Mid-Ebb	I1	Cloudy	Moderate	13:23	4.7	Surface	22.5	22.5	8.2	8.2	31.9	31.8	102.3	99.6	7.4	7.4	1.3	1.6	6	6.3
06/12/2023	Mid-Ebb	I1	Cloudy	Moderate	13:23	4.7	Surface	22.5		8.2		31.8		102.2		7.4		1.3		5	
06/12/2023	Mid-Ebb	I1	Cloudy	Moderate	13:23	4.7	Middle														
06/12/2023	Mid-Ebb	I1	Cloudy	Moderate	13:23	4.7	Middle														
06/12/2023	Mid-Ebb	I1	Cloudy	Moderate	13:23	4.7	Bottom	22.5		8.2		31.7		97.0		7.0		1.9		7	
06/12/2023	Mid-Ebb	I1	Cloudy	Moderate	13:23	4.7	Bottom	22.5		8.2		31.7		97.0		7.0		2.0		7	
06/12/2023	Mid-Ebb	I2	Cloudy	Moderate	13:31	4.5	Surface	22.5	22.5	8.2	8.2	31.7	31.8	102.8	99.1	7.4	7.4	1.4	1.9	5	5.3
06/12/2023	Mid-Ebb	I2	Cloudy	Moderate	13:31	4.5	Surface	22.5		8.2		31.7		102.6		7.4		1.5		5	
06/12/2023	Mid-Ebb	I2	Cloudy	Moderate	13:31	4.5	Middle														
06/12/2023	Mid-Ebb	I2	Cloudy	Moderate	13:31	4.5	Middle														
06/12/2023	Mid-Ebb	I2	Cloudy	Moderate	13:31	4.5	Bottom	22.5		8.2		31.8		95.5		6.9		2.3		5	
06/12/2023	Mid-Ebb	I2	Cloudy	Moderate	13:31	4.5	Bottom	22.5		8.2		31.8		95.4		6.9		2.4		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 I1 and I2.
- 2) Mid-depth sampling was omitted at I1 and I2 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: 8 December 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
08/12/2023	Mid-Ebb	C1A	Misty	Moderate	9:58	9.8	Surface	22.7	22.6	8.1	8.1	30.8	30.8	110.1	105.3	8.0	7.7	1.7	1.9	5	5.0
08/12/2023	Mid-Ebb	C1A	Misty	Moderate	9:58	9.8	Surface	22.6		8.1		30.8		109.7		7.9		1.7		4	
08/12/2023	Mid-Ebb	C1A	Misty	Moderate	9:58	9.8	Middle	22.6		8.1		30.8		103.4		7.5		1.9		5	
08/12/2023	Mid-Ebb	C1A	Misty	Moderate	9:58	9.8	Middle	22.6		8.1		30.8		103.3		7.5		1.9		5	
08/12/2023	Mid-Ebb	C1A	Misty	Moderate	9:58	9.8	Bottom	22.6		8.1		30.8		102.6		7.4		2.0		6	
08/12/2023	Mid-Ebb	C1A	Misty	Moderate	9:58	9.8	Bottom	22.6		8.1		30.8		102.5		7.4		2.0		5	
08/12/2023	Mid-Ebb	C2A	Misty	Moderate	8:46	11.0	Surface	22.4	22.5	8.1	8.1	30.6	30.6	102.7	101.3	7.5	7.4	2.0	2.4	5	4.3
08/12/2023	Mid-Ebb	C2A	Misty	Moderate	8:46	11.0	Surface	22.4		8.1		30.6		102.5		7.4		2.0		4	
08/12/2023	Mid-Ebb	C2A	Misty	Moderate	8:46	11.0	Middle	22.5		8.1		30.6		101.4		7.4		2.2		4	
08/12/2023	Mid-Ebb	C2A	Misty	Moderate	8:46	11.0	Middle	22.5		8.1		30.6		101.3		7.4		2.2		5	
08/12/2023	Mid-Ebb	C2A	Misty	Moderate	8:46	11.0	Bottom	22.6		8.1		30.6		100.0		7.3		3.1		4	
08/12/2023	Mid-Ebb	C2A	Misty	Moderate	8:46	11.0	Bottom	22.6		8.1		30.6		99.7		7.2		3.1		4	
08/12/2023	Mid-Ebb	I1	Misty	Moderate	9:34	5.0	Surface	22.6	22.8	8.1	8.1	30.6	30.5	110.2	105.5	8.0	8.0	5.1	5.9	3	3.8
08/12/2023	Mid-Ebb	I1	Misty	Moderate	9:34	5.0	Surface	22.6		8.1		30.6		109.5		7.9		5.0		4	
08/12/2023	Mid-Ebb	I1	Misty	Moderate	9:34	5.0	Middle														
08/12/2023	Mid-Ebb	I1	Misty	Moderate	9:34	5.0	Middle														
08/12/2023	Mid-Ebb	I1	Misty	Moderate	9:34	5.0	Bottom	22.9		8.1		30.4		101.3		7.3		6.7		4	
08/12/2023	Mid-Ebb	I1	Misty	Moderate	9:34	5.0	Bottom	23.0		8.1		30.4		100.9		7.3		6.7		4	
08/12/2023	Mid-Ebb	I2	Misty	Moderate	9:37	5.1	Surface	22.4	22.4	8.1	8.1	30.6	30.6	108.4	105.4	7.9	7.7	6.0	6.6	4	5.0
08/12/2023	Mid-Ebb	I2	Misty	Moderate	9:37	5.1	Surface	22.4		8.1		30.6		104.4		7.6		6.0		5	
08/12/2023	Mid-Ebb	I2	Misty	Moderate	9:37	5.1	Middle														
08/12/2023	Mid-Ebb	I2	Misty	Moderate	9:37	5.1	Middle														
08/12/2023	Mid-Ebb	I2	Misty	Moderate	9:37	5.1	Bottom	22.4		8.1		30.6		104.3		7.6		7.1		5	
08/12/2023	Mid-Ebb	I2	Misty	Moderate	9:37	5.1	Bottom	22.4		8.1		30.6		104.4		7.6		7.1		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 I1 and I2.

2) Mid-depth sampling was omitted at I1 and I2 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: 8 December 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
08/12/2023	Mid-Flood	C1A	Misty	Moderate	13:11	10.0	Surface	22.7	22.7	8.1	8.1	30.8	30.7	110.1	110.5	8.0	8.0	1.1	1.4	3	3.3
08/12/2023	Mid-Flood	C1A	Misty	Moderate	13:11	10.0	Surface	22.7		8.1		30.8		110.1		8.0		1.1		4	
08/12/2023	Mid-Flood	C1A	Misty	Moderate	13:11	10.0	Middle	22.7		8.1		30.8		110.3		8.0		1.4		4	
08/12/2023	Mid-Flood	C1A	Misty	Moderate	13:11	10.0	Middle	22.7		8.1		30.7		110.4		8.0		1.4		3	
08/12/2023	Mid-Flood	C1A	Misty	Moderate	13:11	10.0	Bottom	22.7		8.1		30.7		111.0		8.0		1.5		3	
08/12/2023	Mid-Flood	C1A	Misty	Moderate	13:11	10.0	Bottom	22.7		8.1		30.7		111.1		8.0		1.5		3	
08/12/2023	Mid-Flood	C2A	Misty	Moderate	14:18	11.2	Surface	22.5	22.4	8.1	8.1	30.5	30.4	108.7	103.7	7.9	7.6	1.3	2.0	4	4.0
08/12/2023	Mid-Flood	C2A	Misty	Moderate	14:18	11.2	Surface	22.4		8.1		30.5		107.7		7.8		1.3		4	
08/12/2023	Mid-Flood	C2A	Misty	Moderate	14:18	11.2	Middle	22.4		8.1		30.4		101.4		7.4		1.9		4	
08/12/2023	Mid-Flood	C2A	Misty	Moderate	14:18	11.2	Middle	22.4		8.1		30.4		101.3		7.4		1.9		4	
08/12/2023	Mid-Flood	C2A	Misty	Moderate	14:18	11.2	Bottom	22.4		8.1		30.4		101.5		7.4		2.8		4	
08/12/2023	Mid-Flood	C2A	Misty	Moderate	14:18	11.2	Bottom	22.4		8.1		30.4		101.6		7.4		2.7		4	
08/12/2023	Mid-Flood	I1	Misty	Moderate	13:39	4.6	Surface	22.6	22.8	8.1	8.1	30.7	30.6	109.5	104.8	8.0	8.0	5.8	6.0	4	4.5
08/12/2023	Mid-Flood	I1	Misty	Moderate	13:39	4.6	Surface	22.6		8.1		30.7		108.8		7.9		5.9		5	
08/12/2023	Mid-Flood	I1	Misty	Moderate	13:39	4.6	Middle														
08/12/2023	Mid-Flood	I1	Misty	Moderate	13:39	4.6	Middle														
08/12/2023	Mid-Flood	I1	Misty	Moderate	13:39	4.6	Bottom	22.9		8.1		30.5		100.6		7.3		6.1		5	
08/12/2023	Mid-Flood	I1	Misty	Moderate	13:39	4.6	Bottom	23.0		8.1		30.4		100.2		7.3		6.1		4	
08/12/2023	Mid-Flood	I2	Misty	Moderate	13:33	4.8	Surface	22.4	22.4	8.1	8.1	30.7	30.7	107.7	104.7	7.9	7.7	4.4	5.1	4	3.0
08/12/2023	Mid-Flood	I2	Misty	Moderate	13:33	4.8	Surface	22.4		8.1		30.7		103.7		7.6		4.4		4	
08/12/2023	Mid-Flood	I2	Misty	Moderate	13:33	4.8	Middle														
08/12/2023	Mid-Flood	I2	Misty	Moderate	13:33	4.8	Middle														
08/12/2023	Mid-Flood	I2	Misty	Moderate	13:33	4.8	Bottom	22.4		8.1		30.7		103.6		7.6		5.9		2	
08/12/2023	Mid-Flood	I2	Misty	Moderate	13:33	4.8	Bottom	22.4		8.1		30.7		103.7		7.6		5.9		2	

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 I1 and I2.
- 2) Mid-depth sampling was omitted at I1 and I2 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: 11 December 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
11/12/2023	Mid-Ebb	C1A	Sunny	Calm	11:21	9.6	Surface	23.1	23.1	8.4	8.3	30.3	30.3	113.7	110.9	8.2	8.1	2.1	2.9	2	2.0
11/12/2023	Mid-Ebb	C1A	Sunny	Calm	11:21	9.6	Surface	23.1		8.4		30.3		113.7		8.2		2.1		2	
11/12/2023	Mid-Ebb	C1A	Sunny	Calm	11:21	9.6	Middle	23.1		8.3		30.3		112.2		8.1		2.9		2	
11/12/2023	Mid-Ebb	C1A	Sunny	Calm	11:21	9.6	Middle	23.1		8.3		30.3		112.3		8.1		3.0		2	
11/12/2023	Mid-Ebb	C1A	Sunny	Calm	11:21	9.6	Bottom	23.2		8.3		30.4		106.8		7.7		3.7		2	
11/12/2023	Mid-Ebb	C1A	Sunny	Calm	11:21	9.6	Bottom	23.2		8.3		30.4		106.8		7.7		3.7		2	
11/12/2023	Mid-Ebb	C2A	Sunny	Calm	10:18	11.7	Surface	23.2	23.1	8.3	8.3	30.3	30.4	120.6	115.7	8.7	8.4	0.7	0.8	2	2.0
11/12/2023	Mid-Ebb	C2A	Sunny	Calm	10:18	11.7	Surface	23.2		8.3		30.3		120.6		8.7		0.7		2	
11/12/2023	Mid-Ebb	C2A	Sunny	Calm	10:18	11.7	Middle	23.0		8.3		30.5		114.2		8.2		0.7		2	
11/12/2023	Mid-Ebb	C2A	Sunny	Calm	10:18	11.7	Middle	23.0		8.3		30.5		114.1		8.2		0.7		2	
11/12/2023	Mid-Ebb	C2A	Sunny	Calm	10:18	11.7	Bottom	23.0		8.3		30.5		112.2		8.1		0.8		2	
11/12/2023	Mid-Ebb	C2A	Sunny	Calm	10:18	11.7	Bottom	23.0		8.3		30.5		112.2		8.1		0.8		2	
11/12/2023	Mid-Ebb	I1	Sunny	Calm	10:59	5.4	Surface	23.4	23.4	8.4	8.4	30.4	30.4	119.2	117.3	8.5	8.5	0.5	0.7	2	2.0
11/12/2023	Mid-Ebb	I1	Sunny	Calm	10:59	5.4	Surface	23.4		8.4		30.4		119.2		8.5		0.6		2	
11/12/2023	Mid-Ebb	I1	Sunny	Calm	10:59	5.4	Middle														
11/12/2023	Mid-Ebb	I1	Sunny	Calm	10:59	5.4	Middle														
11/12/2023	Mid-Ebb	I1	Sunny	Calm	10:59	5.4	Bottom	23.3		8.4		30.4		115.3		8.3		0.9		2	
11/12/2023	Mid-Ebb	I1	Sunny	Calm	10:59	5.4	Bottom	23.3		8.4		30.4		115.3		8.3		0.9		2	
11/12/2023	Mid-Ebb	I2	Sunny	Calm	11:05	5.1	Surface	23.4	23.4	8.4	8.4	30.3	30.3	117.7	114.6	8.4	8.4	0.7	1.2	2	2.0
11/12/2023	Mid-Ebb	I2	Sunny	Calm	11:05	5.1	Surface	23.4		8.4		30.3		117.6		8.4		0.7		2	
11/12/2023	Mid-Ebb	I2	Sunny	Calm	11:05	5.1	Middle														
11/12/2023	Mid-Ebb	I2	Sunny	Calm	11:05	5.1	Middle														
11/12/2023	Mid-Ebb	I2	Sunny	Calm	11:05	5.1	Bottom	23.4		8.4		30.3		111.6		8.0		1.6		2	
11/12/2023	Mid-Ebb	I2	Sunny	Calm	11:05	5.1	Bottom	23.4		8.4		30.3		111.5		8.0		1.6		2	

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 I1 and I2.

2) Mid-depth sampling was omitted at I1 and I2 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: 11 December 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
11/12/2023	Mid-Flood	C1A	Sunny	Calm	14:39	9.1	Surface	23.4	23.3	8.4	8.4	30.3	30.3	120.4	114.9	8.6	8.4	0.7	1.7	2	2.0
11/12/2023	Mid-Flood	C1A	Sunny	Calm	14:39	9.1	Surface	23.4		8.4		30.3		120.4		8.6		0.7		2	
11/12/2023	Mid-Flood	C1A	Sunny	Calm	14:39	9.1	Middle	23.2		8.4		30.3		114.5		8.2		1.1		2	
11/12/2023	Mid-Flood	C1A	Sunny	Calm	14:39	9.1	Middle	23.2		8.4		30.3		114.5		8.2		1.1		2	
11/12/2023	Mid-Flood	C1A	Sunny	Calm	14:39	9.1	Bottom	23.2		8.4		30.4		109.7		7.9		3.2		2	
11/12/2023	Mid-Flood	C1A	Sunny	Calm	14:39	9.1	Bottom	23.2		8.4		30.4		109.7		7.9		3.2		2	
11/12/2023	Mid-Flood	C2A	Sunny	Calm	15:43	11.2	Surface	23.4	23.2	8.4	8.4	30.2	30.2	122.3	116.7	8.8	8.6	1.1	1.3	2	2.0
11/12/2023	Mid-Flood	C2A	Sunny	Calm	15:43	11.2	Surface	23.4		8.4		30.2		122.3		8.8		1.1		2	
11/12/2023	Mid-Flood	C2A	Sunny	Calm	15:43	11.2	Middle	23.1		8.4		30.2		117.1		8.4		1.1		2	
11/12/2023	Mid-Flood	C2A	Sunny	Calm	15:43	11.2	Middle	23.1		8.4		30.2		117.1		8.4		1.1		2	
11/12/2023	Mid-Flood	C2A	Sunny	Calm	15:43	11.2	Bottom	23.0		8.3		30.2		110.5		8.0		1.6		2	
11/12/2023	Mid-Flood	C2A	Sunny	Calm	15:43	11.2	Bottom	23.0		8.3		30.2		110.6		8.0		1.6		2	
11/12/2023	Mid-Flood	I1	Sunny	Calm	15:11	4.9	Surface	23.3	23.3	8.4	8.4	30.2	30.2	121.4	120.2	8.7	8.7	1.3	1.7	2	2.0
11/12/2023	Mid-Flood	I1	Sunny	Calm	15:11	4.9	Surface	23.3		8.4		30.2		121.4		8.7		1.3		2	
11/12/2023	Mid-Flood	I1	Sunny	Calm	15:11	4.9	Middle														
11/12/2023	Mid-Flood	I1	Sunny	Calm	15:11	4.9	Middle														
11/12/2023	Mid-Flood	I1	Sunny	Calm	15:11	4.9	Bottom	23.2		8.4		30.2		118.9		8.5		2.0		2	
11/12/2023	Mid-Flood	I1	Sunny	Calm	15:11	4.9	Bottom	23.2		8.4		30.2		118.9		8.5		2.1		2	
11/12/2023	Mid-Flood	I2	Sunny	Calm	15:03	4.7	Surface	23.3	23.3	8.4	8.4	30.2	30.2	122.9	119.6	8.8	8.8	1.3	1.4	2	2.0
11/12/2023	Mid-Flood	I2	Sunny	Calm	15:03	4.7	Surface	23.3		8.4		30.2		122.9		8.8		1.3		2	
11/12/2023	Mid-Flood	I2	Sunny	Calm	15:03	4.7	Middle														
11/12/2023	Mid-Flood	I2	Sunny	Calm	15:03	4.7	Middle														
11/12/2023	Mid-Flood	I2	Sunny	Calm	15:03	4.7	Bottom	23.2		8.4		30.2		116.3		8.4		1.6		2	
11/12/2023	Mid-Flood	I2	Sunny	Calm	15:03	4.7	Bottom	23.2		8.4		30.2		116.3		8.4		1.6		2	

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 I1 and I2.

2) Mid-depth sampling was omitted at I1 and I2 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: 13 December 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
13/12/2023	Mid-Ebb	C1A	Cloudy	Rough	11:24	9.7	Surface	23.3	23.3	8.2	8.2	31.9	31.9	118.5	117.4	8.4	8.4	0.2	1.6	3	4.8
13/12/2023	Mid-Ebb	C1A	Cloudy	Rough	11:24	9.7	Surface	23.3		8.2		31.9		118.5		8.4		0.2		4	
13/12/2023	Mid-Ebb	C1A	Cloudy	Rough	11:24	9.7	Middle	23.3		8.2		31.9		117.1		8.3		1.1		5	
13/12/2023	Mid-Ebb	C1A	Cloudy	Rough	11:24	9.7	Middle	23.3		8.2		31.9		117.1		8.3		1.1		6	
13/12/2023	Mid-Ebb	C1A	Cloudy	Rough	11:24	9.7	Bottom	23.3		8.2		31.9		116.5		8.3		3.7		5	
13/12/2023	Mid-Ebb	C1A	Cloudy	Rough	11:24	9.7	Bottom	23.3		8.2		31.9		116.5		8.3		3.7		6	
13/12/2023	Mid-Ebb	C2A	Cloudy	Rough	10:52	11.6	Surface	23.4	23.4	8.1	8.1	31.7	31.8	112.7	113.5	8.0	8.1	1.8	2.6	4	5.3
13/12/2023	Mid-Ebb	C2A	Cloudy	Rough	10:52	11.6	Surface	23.4		8.1		31.7		112.7		8.0		1.7		4	
13/12/2023	Mid-Ebb	C2A	Cloudy	Rough	10:52	11.6	Middle	23.4		8.1		31.8		114.3		8.1		1.2		4	
13/12/2023	Mid-Ebb	C2A	Cloudy	Rough	10:52	11.6	Middle	23.4		8.1		31.8		114.3		8.1		1.2		6	
13/12/2023	Mid-Ebb	C2A	Cloudy	Rough	10:52	11.6	Bottom	23.3		8.2		32.0		113.4		8.1		4.9		7	
13/12/2023	Mid-Ebb	C2A	Cloudy	Rough	10:52	11.6	Bottom	23.3		8.2		32.0		113.3		8.1		4.9		7	
13/12/2023	Mid-Ebb	I1	Cloudy	Moderate	11:52	5.4	Surface	23.6	23.6	8.2	8.2	31.9	31.9	115.4	114.9	8.1	8.1	1.3	1.2	4	4.5
13/12/2023	Mid-Ebb	I1	Cloudy	Moderate	11:52	5.4	Surface	23.6		8.2		31.9		115.4		8.1		1.3		3	
13/12/2023	Mid-Ebb	I1	Cloudy	Moderate	11:52	5.4	Middle														
13/12/2023	Mid-Ebb	I1	Cloudy	Moderate	11:52	5.4	Middle														
13/12/2023	Mid-Ebb	I1	Cloudy	Moderate	11:52	5.4	Bottom	23.6		8.2		31.9		114.3		8.1		1.1		5	
13/12/2023	Mid-Ebb	I1	Cloudy	Moderate	11:52	5.4	Bottom	23.6		8.2		31.9		114.3		8.1		1.1		6	
13/12/2023	Mid-Ebb	I2	Cloudy	Moderate	11:56	4.9	Surface	23.6	23.6	8.2	8.2	32.0	32.0	115.2	114.5	8.1	8.1	1.5	1.8	3	3.8
13/12/2023	Mid-Ebb	I2	Cloudy	Moderate	11:56	4.9	Surface	23.6		8.2		32.0		115.1		8.1		1.5		4	
13/12/2023	Mid-Ebb	I2	Cloudy	Moderate	11:56	4.9	Middle														
13/12/2023	Mid-Ebb	I2	Cloudy	Moderate	11:56	4.9	Middle														
13/12/2023	Mid-Ebb	I2	Cloudy	Moderate	11:56	4.9	Bottom	23.6		8.2		32.0		113.8		8.0		2.1		4	
13/12/2023	Mid-Ebb	I2	Cloudy	Moderate	11:56	4.9	Bottom	23.6		8.2		32.0		113.8		8.0		1.9		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 I1 and I2.

2) Mid-depth sampling was omitted at I1 and I2 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 December 2023

Tide: Mid-Ebb

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
15/12/2023	Mid-Ebb	C1A	Sunny	Moderate	13:50	10.8	Surface	22.8	22.7	8.1	8.1	32.1	32.3	107.9	106.6	7.7	7.7	0.7	1.0	3	3.8
15/12/2023	Mid-Ebb	C1A	Sunny	Moderate	13:50	10.8	Surface	22.8		8.1		32.1		107.9		7.7		0.7		4	
15/12/2023	Mid-Ebb	C1A	Sunny	Moderate	13:50	10.8	Middle	22.7		8.1		32.3		106.5		7.6		1.1		3	
15/12/2023	Mid-Ebb	C1A	Sunny	Moderate	13:50	10.8	Middle	22.6		8.1		32.7		106.3		7.6		1.1		4	
15/12/2023	Mid-Ebb	C1A	Sunny	Moderate	13:50	10.8	Bottom	22.6		8.1		32.5		105.4		7.6		1.1		4	
15/12/2023	Mid-Ebb	C1A	Sunny	Moderate	13:50	10.8	Bottom	22.7		8.1		32.0		105.3		7.6		1.1		5	
15/12/2023	Mid-Ebb	C2A	Sunny	Moderate	12:44	12.8	Surface	22.7	22.7	8.2	8.2	32.0	32.0	103.4	102.4	7.4	7.4	1.9	2.7	4	4.5
15/12/2023	Mid-Ebb	C2A	Sunny	Moderate	12:44	12.8	Surface	22.7		8.2		32.0		103.4		7.4		2.0		3	
15/12/2023	Mid-Ebb	C2A	Sunny	Moderate	12:44	12.8	Middle	22.6		8.2		31.9		102.9		7.4		2.8		4	
15/12/2023	Mid-Ebb	C2A	Sunny	Moderate	12:44	12.8	Middle	22.6		8.2		31.9		102.9		7.4		2.8		5	
15/12/2023	Mid-Ebb	C2A	Sunny	Moderate	12:44	12.8	Bottom	22.7		8.2		31.9		101.1		7.3		3.5		6	
15/12/2023	Mid-Ebb	C2A	Sunny	Moderate	12:44	12.8	Bottom	22.7		8.2		31.9		100.9		7.2		3.4		5	
15/12/2023	Mid-Ebb	I1	Sunny	Moderate	13:28	5.6	Surface	23.7	23.5	8.2	8.2	31.6	31.8	107.8	105.3	7.6	7.6	0.4	0.6	2	2.0
15/12/2023	Mid-Ebb	I1	Sunny	Moderate	13:28	5.6	Surface	23.7		8.2		32.3		107.8		7.6		0.4		2	
15/12/2023	Mid-Ebb	I1	Sunny	Moderate	13:28	5.6	Middle														
15/12/2023	Mid-Ebb	I1	Sunny	Moderate	13:28	5.6	Middle														
15/12/2023	Mid-Ebb	I1	Sunny	Moderate	13:28	5.6	Bottom	23.2		8.2		31.0		102.9		7.4		0.8		2	
15/12/2023	Mid-Ebb	I1	Sunny	Moderate	13:28	5.6	Bottom	23.2		8.2		32.1		102.8		7.3		0.8		2	
15/12/2023	Mid-Ebb	I2	Sunny	Moderate	13:23	5.2	Surface	23.3	23.3	8.4	8.4	31.6	32.1	107.1	104.0	7.6	7.6	0.5	0.5	3	2.8
15/12/2023	Mid-Ebb	I2	Sunny	Moderate	13:23	5.2	Surface	23.3		8.4		32.5		106.8		7.7		0.5		2	
15/12/2023	Mid-Ebb	I2	Sunny	Moderate	13:23	5.2	Middle														
15/12/2023	Mid-Ebb	I2	Sunny	Moderate	13:23	5.2	Middle														
15/12/2023	Mid-Ebb	I2	Sunny	Moderate	13:23	5.2	Bottom	23.3		8.4		32.6		101.2		7.2		0.6		3	
15/12/2023	Mid-Ebb	I2	Sunny	Moderate	13:23	5.2	Bottom	23.3		8.4		31.5		100.7		7.2		0.6		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 I1 and I2.

2) Mid-depth sampling was omitted at I1 and I2 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 December 2023

Tide: Mid-Flood

Date (dd/mm/yyyy)	Tide	Station	Weather Condition	Sea Condition	Sampling 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
15/12/2023	Mid-Flood	C1A	Sunny	Moderate	10:29	11.8	Surface	22.7	22.7	8.1	8.1	32.2	32.2	103.8	102.4	7.4	7.4	1.2	1.7	2	3.0
15/12/2023	Mid-Flood	C1A	Sunny	Moderate	10:29	11.8	Surface	22.7		8.1		32.4		103.6		7.4		1.2		2	
15/12/2023	Mid-Flood	C1A	Sunny	Moderate	10:29	11.8	Middle	22.6		8.1		31.9		102.3		7.4		1.8		4	
15/12/2023	Mid-Flood	C1A	Sunny	Moderate	10:29	11.8	Middle	22.6		8.1		32.4		102.1		7.3		1.8		3	
15/12/2023	Mid-Flood	C1A	Sunny	Moderate	10:29	11.8	Bottom	22.7		8.1		32.3		101.5		7.3		2.1		4	
15/12/2023	Mid-Flood	C1A	Sunny	Moderate	10:29	11.8	Bottom	22.7		8.1		32.2		101.3		7.3		2.2		3	
15/12/2023	Mid-Flood	C2A	Sunny	Moderate	9:17	11.0	Surface	22.7	22.7	8.0	8.0	32.1	32.1	102.1	101.6	7.3	7.3	1.1	2.3	3	2.8
15/12/2023	Mid-Flood	C2A	Sunny	Moderate	9:17	11.0	Surface	22.7		8.0		32.1		102.0		7.3		1.1		2	
15/12/2023	Mid-Flood	C2A	Sunny	Moderate	9:17	11.0	Middle	22.7		8.0		32.1		101.5		7.3		2.2		3	
15/12/2023	Mid-Flood	C2A	Sunny	Moderate	9:17	11.0	Middle	22.7		8.0		32.1		101.4		7.3		2.3		3	
15/12/2023	Mid-Flood	C2A	Sunny	Moderate	9:17	11.0	Bottom	22.7		8.0		32.1		101.4		7.3		3.4		3	
15/12/2023	Mid-Flood	C2A	Sunny	Moderate	9:17	11.0	Bottom	22.7		8.0		32.1		101.4		7.3		3.4		3	
15/12/2023	Mid-Flood	I1	Sunny	Moderate	9:50	3.6	Surface	23.2	23.2	8.3	8.3	31.8	31.8	101.3	100.6	7.2	7.2	1.0	1.1	3	2.8
15/12/2023	Mid-Flood	I1	Sunny	Moderate	9:50	3.6	Surface	23.2		8.3		31.8		101.1		7.2		1.0		4	
15/12/2023	Mid-Flood	I1	Sunny	Moderate	9:50	3.6	Middle														
15/12/2023	Mid-Flood	I1	Sunny	Moderate	9:50	3.6	Middle														
15/12/2023	Mid-Flood	I1	Sunny	Moderate	9:50	3.6	Bottom	23.2		8.3		31.8		100.3		7.1		1.1		2	
15/12/2023	Mid-Flood	I1	Sunny	Moderate	9:50	3.6	Bottom	23.2		8.3		31.8		99.8		7.1		1.1		2	
15/12/2023	Mid-Flood	I2	Sunny	Moderate	9:55	4.4	Surface	23.0	23.0	8.2	8.2	31.6	31.6	101.4	100.9	7.3	7.2	2.7	3.1	2	2.0
15/12/2023	Mid-Flood	I2	Sunny	Moderate	9:55	4.4	Surface	23.0		8.2		31.6		101.2		7.2		2.7		2	
15/12/2023	Mid-Flood	I2	Sunny	Moderate	9:55	4.4	Middle														
15/12/2023	Mid-Flood	I2	Sunny	Moderate	9:55	4.4	Middle														
15/12/2023	Mid-Flood	I2	Sunny	Moderate	9:55	4.4	Bottom	23.0		8.2		31.6		100.6		7.2		3.6		2	
15/12/2023	Mid-Flood	I2	Sunny	Moderate	9:55	4.4	Bottom	23.0		8.2		31.6		100.4		7.2		3.5		2	

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 I1 and I2.

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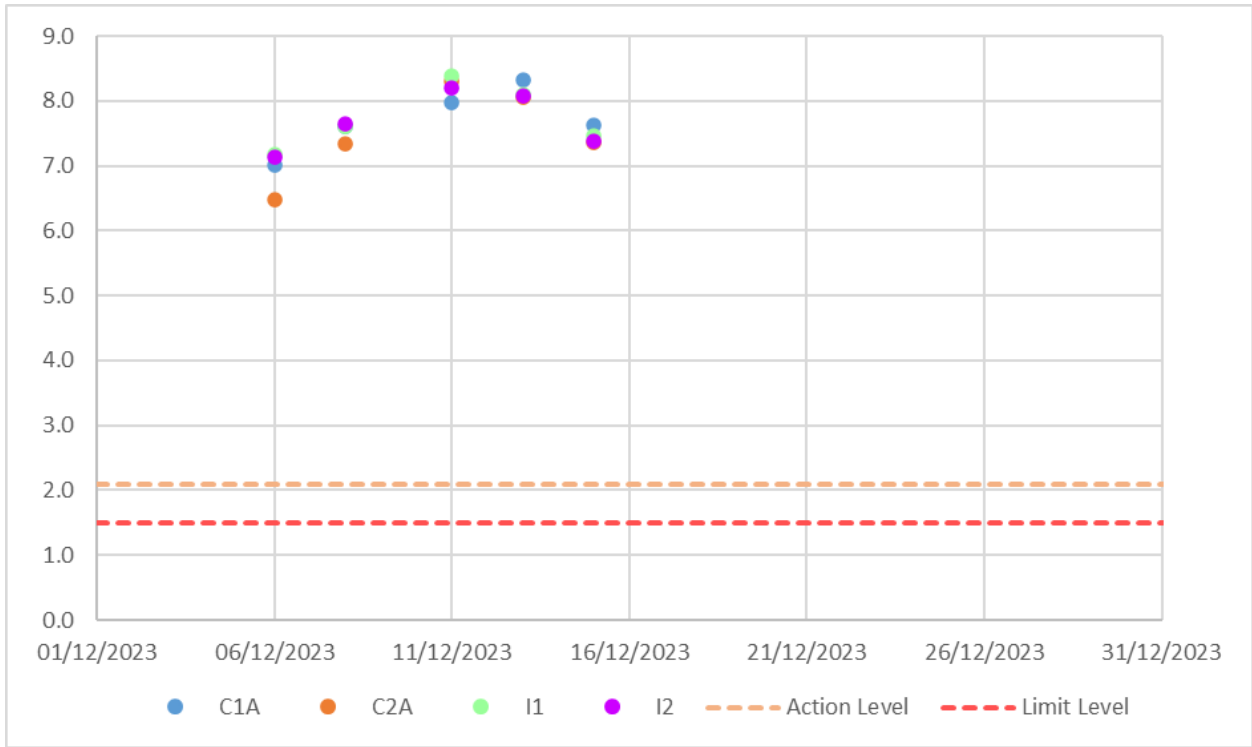


Figure 1: Depth-average of Dissolved Oxygen (mg/L) during mid-ebb tide in December 2023

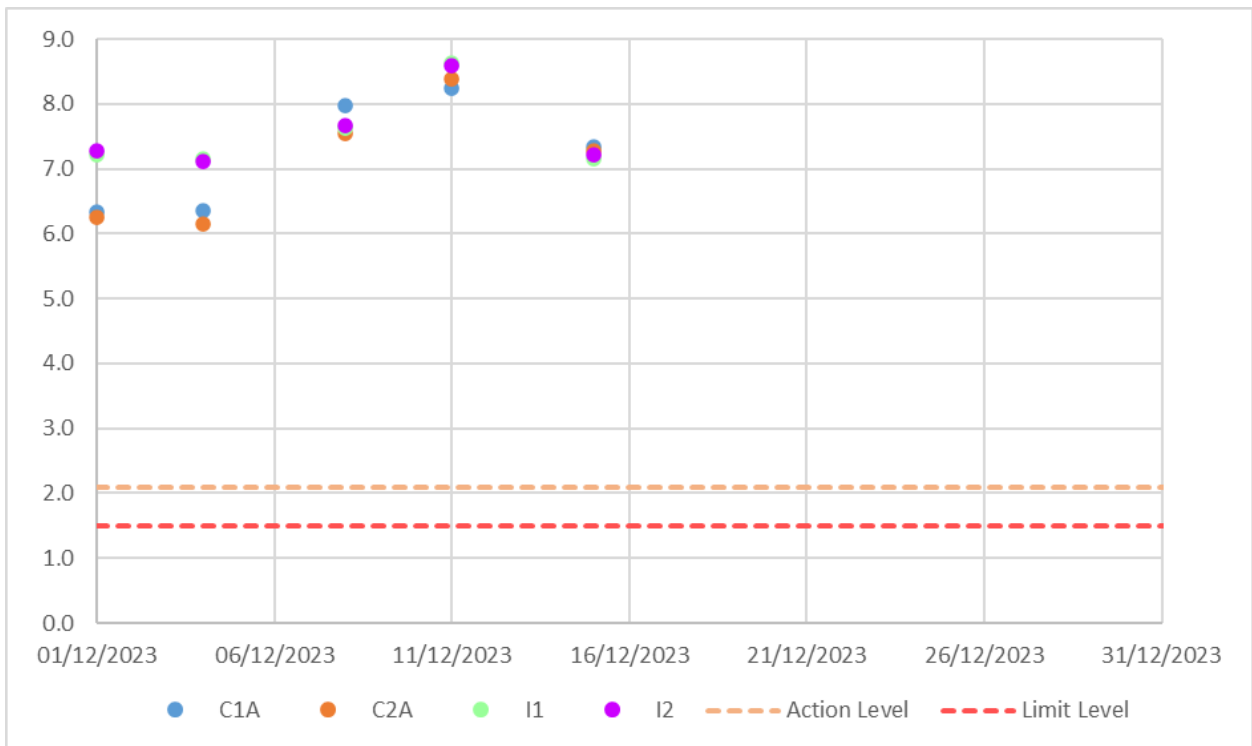


Figure 2: Depth-average of Dissolved Oxygen (mg/L) during mid-flood tide in December 2023

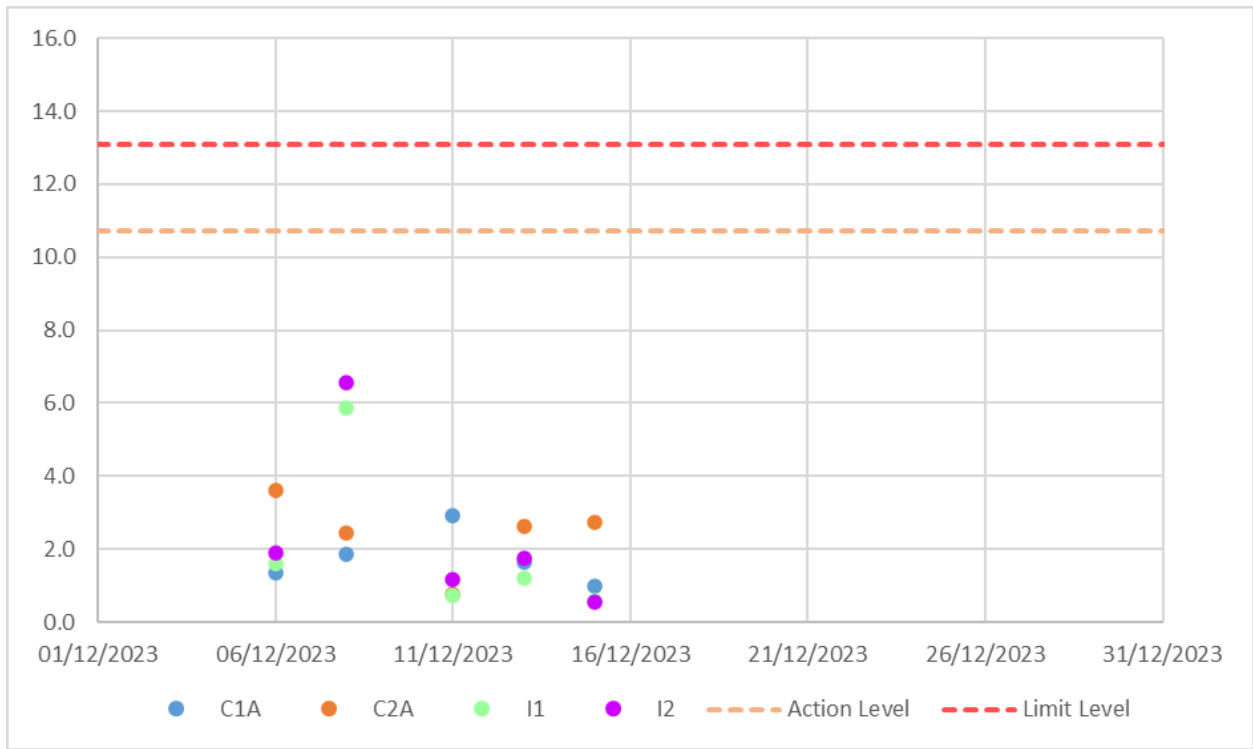


Figure 5: Depth-average Turbidity (NTU) during mid-ebb tide in December 2023

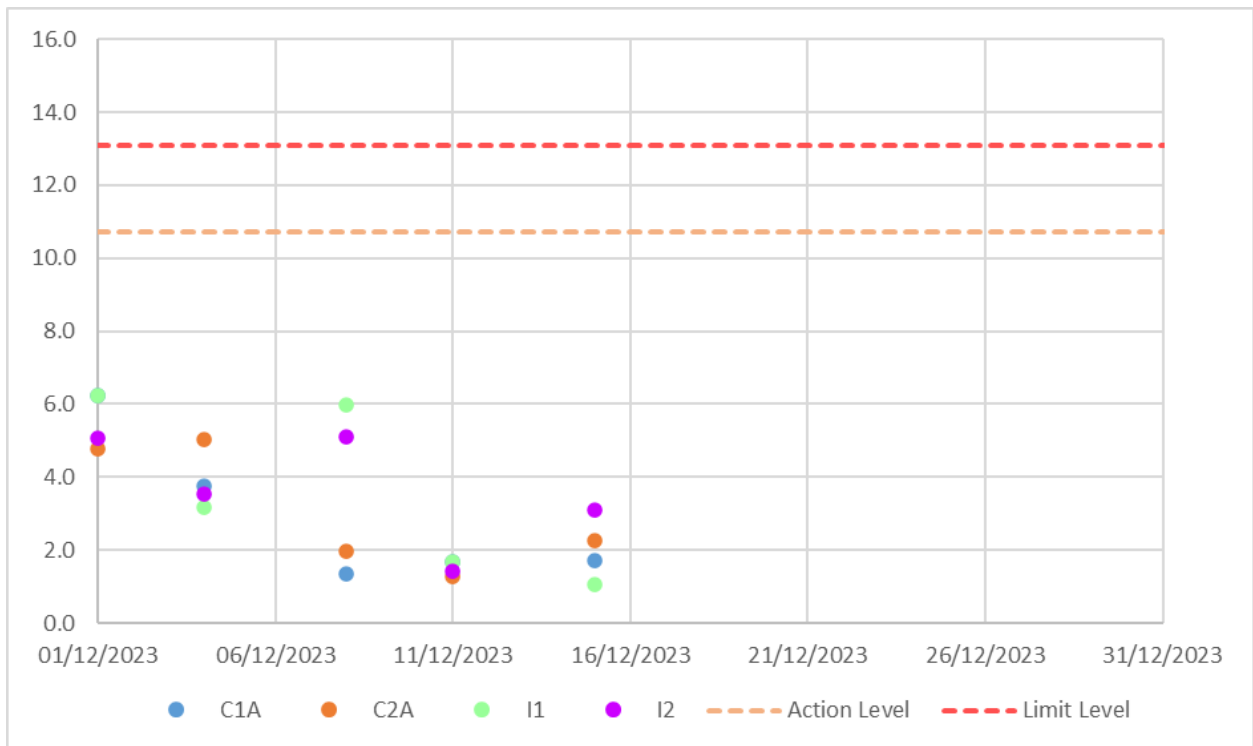


Figure 6: Depth-average Turbidity (NTU) during mid-flood tide in December 2023

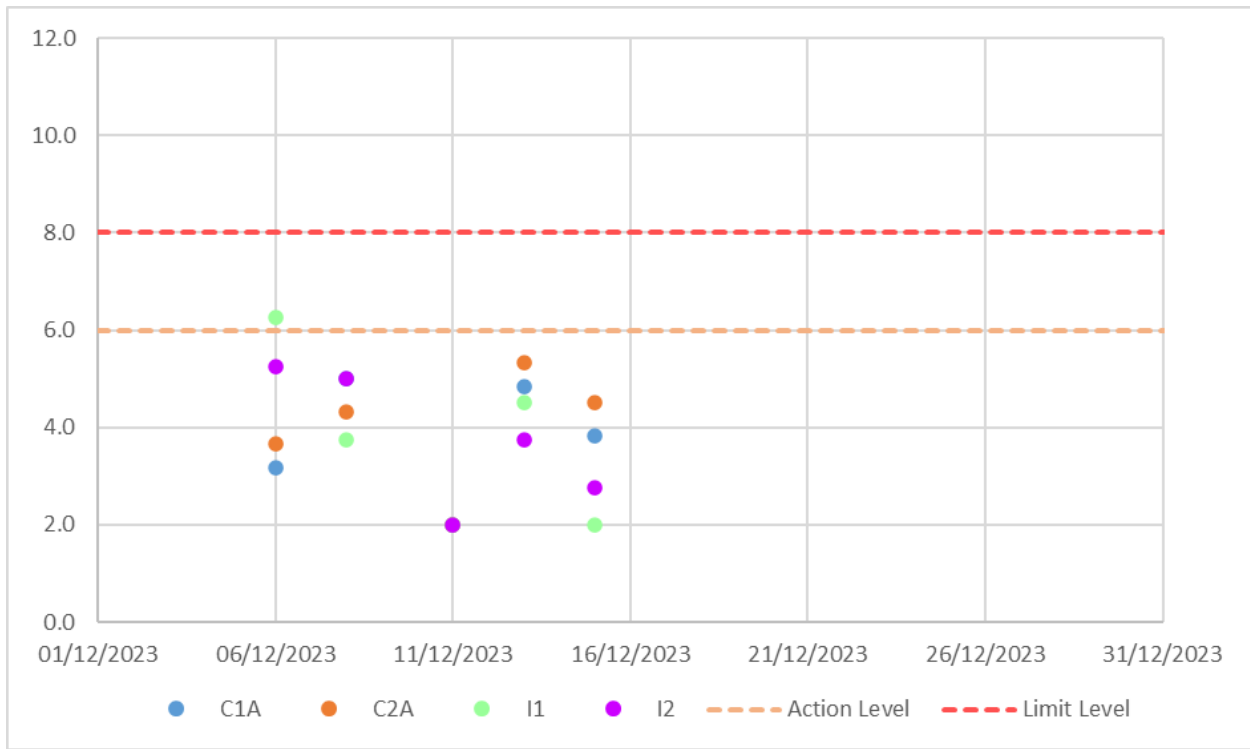


Figure 7: Depth-average Suspended Solids (mg/L) during mid-ebb tide in December 2023

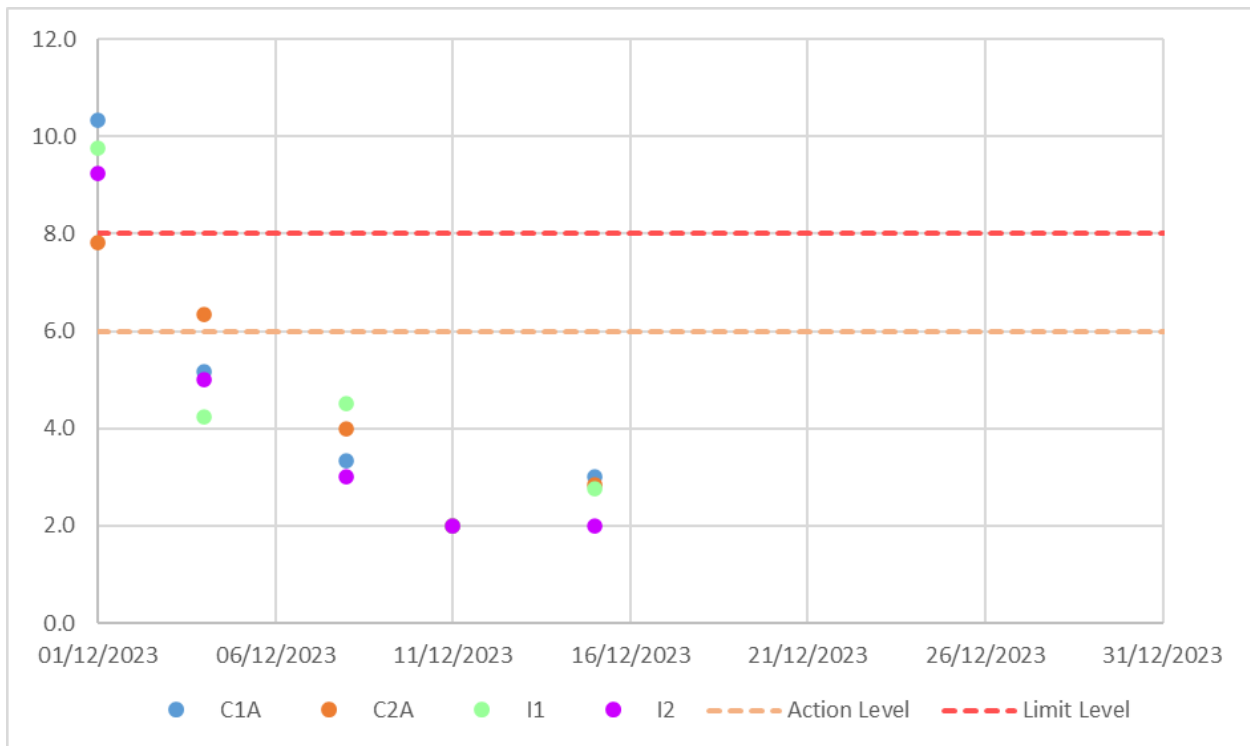


Figure 8: Depth-average Suspended Solids (mg/L) during mid-flood tide in December 2023