



Environmental Monitoring Summary Report Port Kembla Gas Terminal

Infrastructure ApprovalSSI-9471EPL Licence Number:21529

Reporting period:**1 February 2023 – 28 February 2023**

Date published:

6 April 2023



1 Project background

AIE is responsible for the development of a liquefied natural gas (LNG) import terminal at Port Kembla, south of Wollongong, NSW (the Project). The Project will be the first of its kind in NSW and will provide a simple and flexible solution to the state's gas supply challenges.

The Project has been declared Critical State Significant Infrastructure (CSSI) in accordance with Section 5.13 of the *Environmental Planning and Assessment Act 1979* (EP&A Act) (NSW) and Schedule 5 of the *State Environmental Planning Policy State and Regional Development* (SRD SEPP). The Project received Infrastructure Approval from the Minister for Planning and Public Spaces on 29 of April 2019.

The construction of the Project is primarily associated with the establishment of a new berth facility at Port Kembla to enable a Liquified Natural Gas (LNG) Carrier to berth alongside the Floating Storage and Regasification Unit (FSRU) and new infrastructure to connect the terminal to the existing gas network. The location of the Project is shown on the Environmental Monitoring Location Plan provided as Appendix A.

An Environment Protection Licence (EPL) (EPL No. 21529) was issued for the Project by the NSW Environment Protection Authority (EPA) on 2 June 2021. The details of the EPL are provided below in Table 1-1.

EPL No.	21529
Anniversary Date:	2 June
	Australian Industrial Energy Pty Ltd
Licensee:	PO Box 3155 Broadway
	Nedlands WA 6009
Premises:	Port Kembla Gas Terminal, Port Kembla NSW 2505
Contaminated soil treatment	
Scheduled Activity	Crushing, grinding or separating
	Petroleum products storage

Table 1-1 EPL Details



2 Report purpose

This Monthly Environmental Monitoring Report has been prepared to provide an overview of project activities undertaken during the reporting period and those forecast for the next reporting period (refer to Section 3), and to satisfy the requirements associated with the reporting and publishing of monitoring data and results required under the relevant conditions of approval and environmental management plans as detailed further in Table 2-1.

Table 2-1	Environmental	monitorina	reportina	requirements
10010 2 2	Envir onnicincuitar	monicoring	reporting	regunemento

Document	Clause or section	Requirement	Addressed:
	Sch. 4 Cond. 8	This report which will be made available on	
DPIE SSI-9471		 Access to information – From the commencement of development under this approval, the Proponent shall: (a) Make copies of the following information publicly available on its website: 	the Project Website.
	Sch. 4 Cond. 12	 a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this approval, or any approved plans and programs 	Section 4
		- a summary of complaints, which is to be updated monthly	Section 5
AIE Air Quality Management Plan (Stage 2A and 2B)	Section 11.4	A monthly environmental monitoring report will be developed for each calendar month which will include details of the monitoring results and frequencies and inclusion of any exceedance of EPL No. 21529 air monitoring limits / criteria. A copy of the monthly environmental monitoring report will be made available on the AIE Project website.	Air quality monitoring results and frequencies and inclusion of any exceedance provided in Section 4.1
AIE Water Quality Monitoring Plan (Stage 2A and 2B)	Section 9.4	A monthly environmental monitoring report will be developed for each calendar month which will include details of the monitoring results and frequencies and inclusion of any exceedance of EPL (No. 21529) water quality monitoring limits / criteria. A copy of the monthly environmental monitoring report will be made available on the AIE Project website.	Water quality monitoring results and frequencies and inclusion of any exceedance provided in Section 4.2
EPL 21529	Condition M6.2	The licensee must monitor and record temperature, humidity, wind direction, wind velocity and rainfall at either the project weather station, or through analysis of equivalent weather information obtained from the Australian Bureau of Meteorology. Whilst there are no specific requirements to provide weather data in the monthly report, AIE has included the data for transparency and to assist with context for any monitoring results where required.	Section 4.3



3 Project activities

3.1 Project status

The project has progressed to Stage 2A and Stage 2B as follows:

Stage 2A: Marine Berth Construction – Land Based. Associated works include:

- Quay wall construction.
- Installation of communications conduit, potable water line, and 11kV power cable and Pad-mount Substation within the Marine Berth Construction and Dredging (MBD) Site Compound.
- Construction of the Onshore Receiving Facilities (ORF), which comprises three areas: Wharf Topside Area; Utility Area; and Common Area.
- Pipeline construction and associated ancillary infrastructure within MBD Site Compound delivered as part of ORF scope.

Stage 2B: Marine Berth Construction – Marine Based. Associated works include:

- Continuation of Stage 2A works
- Excavation and dredging of the MBD Site Compound in the Inner Harbour and the Emplacement Cell in the Outer Harbour.
- Construction of the Emplacement Cell in the Outer Harbour.
- Marine based construction activities including installation of navigational aids and revetments at the MBD Site Compound.

Stage 3: Gas pipeline Construction. Associated works include:

- Construction of gas pipeline section within Berth 101.
- 3.2 Project activities for the reporting month
 - Berth 101 geotechnical investigations.
 - Continued dredging of Berth 101 and relocation of dredge spoil to the OH.
 - Construction of the Outer Harbour Emplacement Cell.
 - Ongoing construction of the Outer Harbour Temporary Loadout Facility (TLF)
 - Importation, stockpiling and management of rock-fill material for later use during construction of the emplacement cell bund.
- 3.3 Project activities for the upcoming month
 - Ongoing Berth 101 geotechnical investigations.
 - Completion of the Outer Harbour TLF



4 Environmental monitoring data

The following sections present a summary of the air quality, water quality and weather monitoring data for the reporting month.

A copy of this report will be made available on the Project website at the following web-address:

https://www.squadronenergy.com/our-projects/port-kembla-energy-terminal

4.1 Air quality

4.1.1 Air Quality Monitoring Locations and Frequency

Air quality monitoring equipment is installed to the north and south of the MBD site compound (Berth 101), and to the east, to the west, and within the central portion of the Outer Harbour stockpile area.

A summary of the air quality monitoring locations is provided below in Table 4-1 and a monitoring location plan is provided in **Appendix A**.

Table 4-1 Air quality monitoring locations

EPL Ref.	Monitoring location	Monitoring type	Monitoring parameter	Monitoring frequency
8	Northern boundary of the premises, adjacent the southern boundary of Port Kembla Coal Terminal	Dust Deposition	Particulates -	Monthly
10	Southern boundary of Berth 101	Gauge	Deposited Matter (gm/m²/month)	Wontiny
12	Southern side of emplacement area, Outer Harbour	Ambient Air	Total suspended	Special Frequency 1
14	Eastern side of emplacement area, Outer Harbour	Monitoring - High Volume Air Sampler	particles (TSP) (ug/m ³)	(24-hour period every 6 days)
22	Northern side of emplacement area, Outer Harbour			
9	Northern boundary of the premises, adjacent the southern boundary of Port Kembla Coal Terminal			
11	Southern boundary of Berth 101			
13	Southern side of emplacement area, Outer Harbour	Real time dust monitoring	PM10 (ug/m ³)	Continuous
15	Eastern side of emplacement area, Outer Harbour			
23	Northern side of emplacement area, Outer Harbour			



4.1.2 Air Quality Monitoring Results

The air quality monitoring results for the reporting month are presented below in Table 4-2.

		Monitoring parameter								
			Total Suspended Particulate PM10							
		Particulates	(High V	olume Air Sa	ampler)	(Real-time Dust Track or equiv.)				
Monitoring Location (EPL Reference)		Deposited Matter (Depositional dust gauge)**	Average	Min.	Max.	Average	Min.	Max.	Events above criteria*	
Unit		g/m²/month	mg/m ³	mg/m ³	mg/m ³	ug/m³/24 hr average	ug/m³/24 hr average	ug/m³/24 hr average	No.	
Criteria		NA	NA	NA	NA	NA	NA	200	NA	
Berth	EPL 8	3.8	0.15 0.10 0.20			monitoring re his EPL Point		NA		
101 North	EPL 9	No Dust Deposition Gauge or HiVol required this EPL Point		quired at	52.11	24.83	94.50	0		
Berth	EPL 10	2.1	0.10 0.09 0.10			No PM10 monitoring required at this EPL Point			NA	
101 South	EPL 11	No Dust Depos	or HiVol re oint	quired at	35.90	16.13	114.08	0		
Outer	EPL 12	1.1	0.05	0.04	0.06		monitoring re his EPL Point	•	NA	
Harbour South	EPL 13	No Dust Depos	ition Gauge or HiVol required at this EPL Point		28.13	13.55	48.96	0		
Outer			0.10		monitoring re his EPL Point	•	NA			
Harbour East	EPL 15	No Dust Depos	-	ition Gauge or HiVol required at this EPL Point			13.65	40.01	0	
Outer	EPL 22	1.2	0.06	0.04	0.07		monitoring re his EPL Point	•	NA	
Harbour North	EPL 23	No Dust Depos	ition Gauge this EPL P		quired at	33.82	13.04	83.62	0	

*Includes individual number of times results recorded above Stage 2A and Stage 2B performance criteria (200 ug/m³/24 hour average). Refer to **Appendix B** for event above criteria reports.

**Assessed as Total Insoluble.



4.2 Water quality

4.2.1 Water Quality Monitoring Locations and Frequency

Water quality monitoring is undertaken at five (5) locations within the Port Kembla Harbour. Each water quality monitoring location is securely anchored/moored in its location. Details of each of the water quality monitoring locations and corresponding EPL monitoring point reference is provided below in Table 4-3.

Tahle 4-3 Port Kemhla	Harbour water quality	monitoring locations
	manbour watch quanty	monitoring locations

EPL			Parameters		
Ref.	Monitoring location	Type of monitoring	Continuous monitoring at 15 min intervals	Weekly grab sample	
1	WQM1 - North of Berth 101	Primary- impact works area receiver		- Aluminium - Arsenic	
16	WQM2 - North of the emplacement cell, Outer Harbour.	Primary- impact works area receiver	- Turbidity	 Cadmium Chromium (total) Cobalt 	
17	WQM3 - South West of Berth 101	Primary- impact works area receiver	- Temperature - pH	- Copper - Lead	
18	WQM4 - Near the Pacific Ocean entrance to Outer Harbour	Background water quality	Salinity (EC)Dissolved oxygen	 Mercury Nickel Total PAHs TSS 	
19	WQM5 - Near entrance to Allans Creek, near BlueScope Steel	Background water quality		- Tributyltin - Zinc	

It is noted that the EPL 21529 also includes a mobile water quality monitoring point (EPL 24) for the undertaking of ambient water quality monitoring for turbidity within 5m of the outermost silt curtain near Berth 101 during dredging operations. As dredging works at Berth 101 continued throughout this reporting period, water quality monitoring was in place at EPL 24.

In addition to the monitoring requirements listed above for the harbour, monitoring is also required for any discharge event from the on-site sedimentation basin located at the southern end of Berth 101. Details of the monitoring requirements associated with the sediment basin discharge point are included below in Table 4-4.

Table 4-4 Sediment basin discharge monitoring

EPL	Monitoring location	Type of monitoring	Parameters			
Ref.			Prior to discharge	Daily grab sample	e during discharge	
20	Sediment basin discharge point at the southern end of Berth 101	Wet weather discharge quality	 Oil and grease (visual) Total suspended solids (TSS) 	 Aluminium Arsenic Cadmium Chromium Cobalt Copper Lead Mercury 	 Nickel Oil and grease (visual) pH Total PAHs Tributyltin TSS Zinc 	



4.2.2 Water Quality Monitoring Results

A summary of the results for the continuous water quality monitoring in Port Kembla Harbour is presented below in Table 4-5. Further details for exceedances as indicated below (if applicable) are provided in **Appendix B**.

			Results - based on individual 15-minute median				
	Statistic	Turbidity (NTU)	Temperature (Deg. C)	Hď	Electrical conductivity (uS/cm2)	Dissolved Oxygen (%sat)	
Criteria		50 + BG ¹	N/A	6.5 – 8.5	N/A	70 - 110	
	Average	3.7	24.0	8.2	51036.3	96.1	
WQM1	Minimum	0.0	21.5	7.7	17021.8	77.8	
EPL 1	Maximum	77.3	27.1	8.4	53225.6	153.7	
	Events above criteria ²	1	-	0	-	12	
	Average	2.9	23.7	8.2	52150.6	104.8	
WQM2	Minimum	1.0	20.8	7.9	24193.5	83.1	
EPL 16	Maximum	336.9	26.2	8.4	53585.3	143.4	
	Events above criteria ²	2	-	0	-	17	
	Average	3.0	24.1	8.3	51442.3	101.8	
WQM3	Minimum	1.0	20.9	7.7	12830.2	81.1	
EPL 17	Maximum	69.2	27.3	8.4	53474.3	152.0	
	Events above criteria ²	1	-	0	-	17	
WQM4	Average	2.6	23.6	8.2	52224.7	102.0	
EPL 18	Minimum	1.0	21.4	7.9	30486.7	87.1	
(Background)	Maximum	23.2	25.6	8.3	53533.6	132.9	
WQM5	Average	9.7	26.4	8.3	49778.1	100.2	
EPL 19	Minimum	0.0	20.1	7.6	1548.6	84.3	
(Background)	Maximum	731.6	31.3	8.5	53572.7	147.3	
Mobile WQM /	Average	1.95					
EPL 24	Minimum	0.96		Not required	at this EPL point	t	
(Ambient) ³	Maximum	4.75					

Table 4-5 Port Kembla	ı Harbour water auali	tv – Continuous	monitorina results
	nanooan mater gaan	<i>cy continuous</i>	monitoring results

¹Total suspended solids (TSS) is monitored in real time using turbidity in NTU and the NTU-TSS correlation as recommended in the current EPL or from an in-field study approved by the EPA, whichever is more current at the time of measurement. BG = Background, recorded at WQM4 and/or WQM5.

²Calculated as number of days where results exceeded performance criteria. Refer to Appendix B for exceedance reports.

³Complete results for this point are included as **Appendix C**.



4.2.3 Water Quality Monitoring Results – Port Kembla Harbour Grab Samples

A summary of the results for the Port Kembla Harbour weekly grab samples is presented below in Table 4-6. Further details for exceedances as indicated below (if applicable) are provided in **Appendix B**.

Table 4-6 Port Kembla Harbour water quality –	Weekly grab sample results summary
---	------------------------------------

Monitoring Location	Statistic ²	Aluminium	Ammonia	Arsenic	Cadmium	Chromium (total)	Cobalt	Copper	Iron	Lead	Mercury	Nickel	Reactive Phosphorus	Total PAHs	Total Suspended Solids (TSS)	Tributyltin	Zinc
Unit		ug/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	Ug/L	ug/L	mg/L	ug/L	mg/L	ngSn/L	ug/L
Criteria		200	-	50	5.5	4.4	1	8	-	12	0.4	70	-	50	50	6	21
	Average	<5	0.16	1.58	<1	<0.5	<1	2.50	<5	<0.2	<0.1	0.85	<0.01	<0.05	8.00	<2	<5
WQM1	Minimum	<5	0.16	1.50	<1	<0.5	<1	1.00	<5	<0.2	<0.1	0.60	<0.01	<0.05	8.00	<2	<5
EPL 1	Maximum	<5	0.16	1.70	<1	<0.5	<1	4.00	<5	<0.2	<0.1	1.10	<0.01	<0.05	8.00	<2	<5
	Events above criteria ¹	0	-	0	0	0	0	0	-	0	0	0	-	0	0	0	0
	Average	<5	0.14	1.68	<1	<0.5	<1	1.00	<5	<0.2	<0.1	<0.5	<0.01	<0.05	<5	<2	<5
WQM2	Minimum	<5	0.14	1.60	<1	<0.5	<1	1.00	<5	<0.2	<0.1	<0.5	<0.01	<0.05	<5	<2	<5
EPL 16	Maximum	<5	0.14	1.80	<1	<0.5	<1	1.00	<5	<0.2	<0.1	<0.5	<0.01	<0.05	<5	<2	<5
	Events above criteria ¹	0	-	0	0	0	0	0	-	0	0	0	-	0	0	0	0
	Average	<5	0.14	1.63	<1	<0.5	<1	<1	<5	<0.2	<0.1	0.65	<0.01	<0.05	<5	<2	<5
WQM3	Minimum	<5	0.14	1.60	<1	<0.5	<1	<1	<5	<0.2	<0.1	0.60	<0.01	<0.05	<5	<2	<5
EPL 17	Maximum	<5	0.14	1.70	<1	<0.5	<1	<1	<5	<0.2	<0.1	0.70	<0.01	<0.05	<5	<2	<5
	Events above criteria ¹	0	-	0	0	0	0	0	-	0	0	0	-	0	0	0	0
WQM4	Average	<5	0.14	1.58	<1	<0.5	<1	<1	<5	<0.2	<0.1	0.60	<0.01	<0.05	<5	<2	<5
EPL 18	Minimum	<5	0.14	1.50	<1	<0.5	<1	<1	<5	<0.2	<0.1	0.60	<0.01	<0.05	<5	<2	<5
	Maximum	<5	0.14	1.60	<1	<0.5	<1	<1	<1 <5 <0.2 <0.1 0.60 <0.01 <0.05	<5	<2	<5					
WQM5	Average	<5	0.21	1.73	<1	<0.5	<1	<1	<5	<0.2	<0.1	0.93	<0.01	<0.05	<5	<2	<5
EPL 19	Minimum	<5	0.21	1.60	<1	<0.5	<1	<1	<5	<0.2	<0.1	0.70	<0.01	<0.05	<5	<2	<5
	Maximum	<5	0.21	1.80	<1	<0.5	<1	<1	<5	<0.2	<0.1	1.10	<0.01	<0.05	<5	<2	<5

¹Includes individual number of times results exceeded criteria. Refer to Appendix B for exceedance reports.

²Only results above the laboratory Limit of Reporting (LOR) have been used to calculate these data functions. Where an analyte has not been detected above the LOR throughout the monitoring period, the LOR has been listed.



4.2.4 Water Quality Monitoring Results – Sediment basin discharge

During the reporting month, there were eight (8) authorised discharge events, and zero (0) discharge events as a result of excessive rainfall exceeding the design criteria of the basin (>43.5 mm in any 5-day period). Refer to Section 4.3 for site weather monitoring details. The date of the events and a summary of the water quality results for the authorised discharge events from the sediment basin is included below in Table 4-7.

Date of discharge/ sampling	Aluminium M ^{8/} F	Arsenic M ^a /a	Cadmium ۲/۵۳	Chromium M8/F	Cobalt T/8	Copper Dopper	Γead μg/L	Mercury Mercury	Nickel	zinc μg/Γ	Tributyltin T	SSL mg/L	Hd	- Oil & Grease	Total PAH	Overflow Discharge?	Rainfall (mm) Roll. 5-Day Total
Criteria	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	NA	Visible	NA	NA	NA
03/02/2023	346	1.1	<0.05	0.3	<0.1	1.5	<0.1	<0.1	<0.5	2	<2	16	8.23	<5	<0.05	N	N/A
06/02/2023	414	1.0	<0.05	0.3	<0.1	1.2	<0.1	<0.1	<0.5	<1	<2	12	7.50	<5	<0.05	Ν	N/A
07/02/2023	309	1.3	<0.05	0.3	<0.1	1.3	<0.1	<0.1	<0.5	1	<2	9	7.88	<5	<0.05	Ν	N/A
08/02/2023	291	1.4	<0.05	0.3	<0.1	1.4	<0.1	<0.1	<0.5	<1	<2	10	7.06	<5	<0.05	Ν	N/A
13/02/2023	214	0.9	<0.05	0.3	<0.1	1.0	<0.1	<0.1	<0.5	<1	<2	24	7.28	<5	<0.05	Ν	N/A
14/02/2023	203	0.9	<0.05	0.3	<0.1	1.0	<0.1	<0.1	<0.5	<1	<2	20	7.48	<5	<0.05	Ν	N/A
15/02/2023	181	0.7	<0.05	0.3	<0.1	0.7	<0.1	<0.1	<0.5	<1	<2	15	7.58	<5	<0.05	Ν	N/A
16/02/2023	118	0.6	<0.05	0.3	<0.1	0.6	<0.1	<0.1	<0.5	<1	<2	18	7.41	<5	<0.05	Ν	N/A

Table 4-7 Sediment basin discharge water quality – Pre-discharge and daily grab sample results



4.3 Weather station results

Under the EPL (Condition M6.2), AIE is required to monitor and record temperature, humidity, wind direction, wind velocity and rainfall at either a project weather station, or through analysis of equivalent weather information obtained from the Australian Bureau of Meteorology.

AlE established and maintains a weather station for the project site located at the southern point of Berth 101 (EPL monitoring point 21) as shown in **Appendix A**. The data obtained from the onsite weather station for the reporting period is provided below in Table 4-8.

Parameter	Unit of measure	Monthly statistic	Result EPL 21			
		Average	4.60			
Wind velocity	m/s (15min average)	Minimum	0.27			
		Maximum	11.40			
Wind direction at 10m	Degrees (1 hour averaging period)	See Wind Rose chart (Figure 4-1)				
		Average	0.01			
Rainfall rate	mm/hr (1 hour averaging period)	Minimum	0.00			
	periody	Maximum	2.54			
		Average	2.81			
Rainfall (Total)	mm/day	Minimum	0.00			
		Maximum	37.20			
		Average	22.64			
Temperature	Degrees Celsius	Minimum	16.80			
		Maximum	27.80			
		Average	74.69			
Humidity	%	Minimum	28.00			
		Maximum	100.00			

Table 4-8 Site weather station monitoring results summary



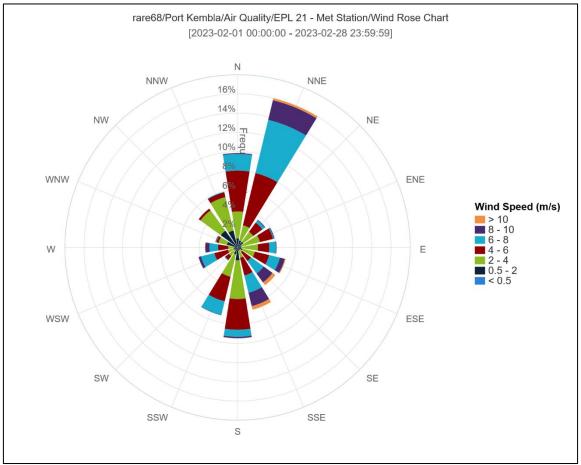


Figure 4-1 Wind Rose chart for the reporting period.



5 Environmental complaints

A summary of environmental complaints received during the reporting month and follow-up, close-out and or corrective actions are presented below in Table 5-1 where applicable.

Table 5-1 Environmental complaints summary

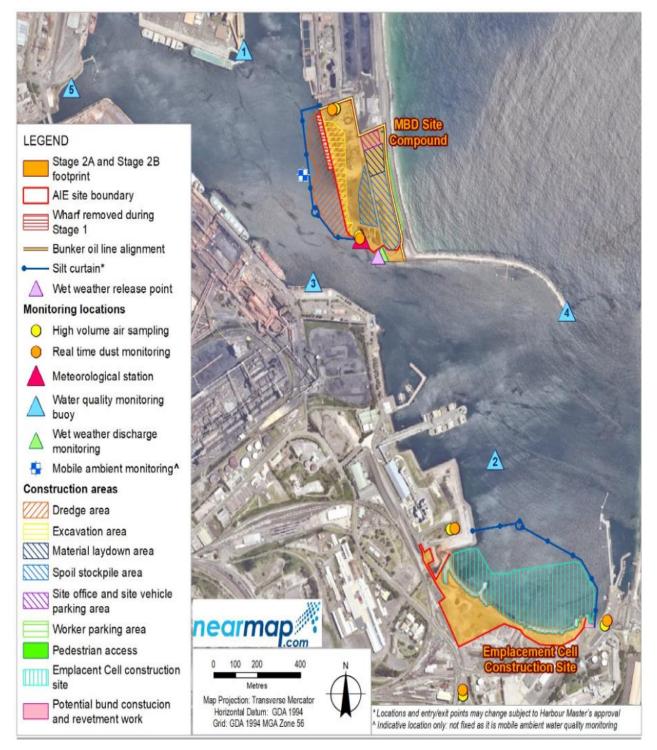
Date	Complaint No.	Nature of the complaint	Follow-up close-out and or corrective action
NA	NA	Nil complaints received during the reporting period	NA



Appendices

Page 14 of 14

Appendix A - Monitoring Location Plan



Appendix B – Summary of Events Above Criteria

Each exceedance triggers an investigation including the nature of project activities being undertaken, evaluation of wind direction, comparison of upwind and downwind monitors at the time of the event. Dust prevention controls are continually being assessed to ensure their adequacy.

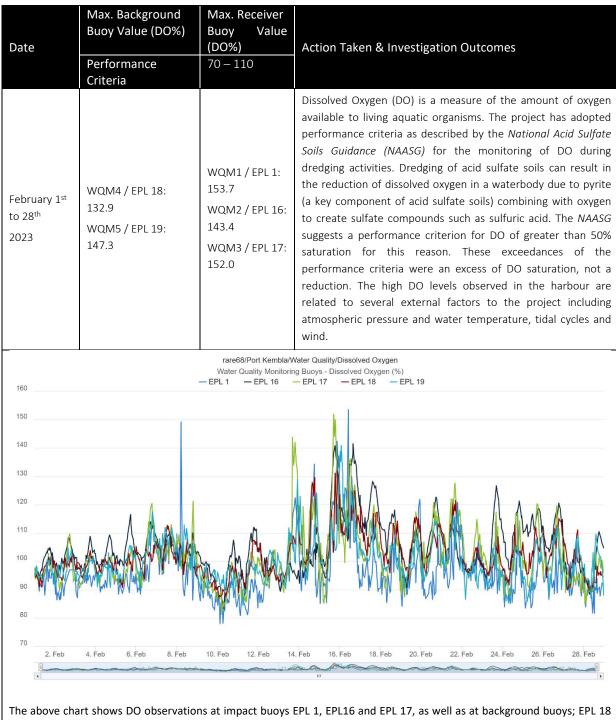
Table B1 - Air Monitoring Events Above Criteria

Date	Location	Exceedance value (ug/m ³ /24 hours)	Action Taken & Investigation Outcomes
-	-	-	No exceedances in February 2023

Table B2 - Water Monitoring Events Above Criteria: Harbour water quality – Continuous monitoring results

Date	Max. Background Buoy Value (Turbidity NTU) Performance	Max. Receiver Buoy Value Turbidity (NTU) 50	Action Taken & Investigation Outcomes				
	Criteria						
⁻ ebruary 1 st o 28 th 2023	WQM4 / EPL 18: 23.2 WQM5 / EPL 19: 3327.7	WQM1 / EPL 1: 77.3 WQM2 / EPL 16: 336.9 WQM3 / EPL 17: 69.2	The majority of exceedances were due to a rainfall event on the 9 th and 10 th of February 2023 where 37.2 mm of rain fell in a short amount of time. The exceedance at EPL 16 on the 28 th of February 2023, where the turbidity level sharply increased followed by a sharp fall back to the previous level, is believed to be a result of biofouling on the sensors of the monitoring equipment. The equipment is cleaned weekly however, marine flora and fauna colonise on the monitoring equipment and can occasionally cause erratic readings, especially given recently warm water temperatures. The short-lived nature of the exceedances supports this assessment.				
400		Water Quality Monit	bla/Water Quality/Turbidity oring Buoys - Turbidity (mg/L) — EPL 17 — EPL 18 — EPL 19				
350							
300							
250							
200							
150							
100		1					
50							
0		Lel Andre when here	make a she was a harring to a strate a strate a strate a				
-50 2. Feb	4. Feb 6. Feb 8. Feb	10. Feb 12. Feb 14	R. Feb 16. Feb 18. Feb 20. Feb 22. Feb 24. Feb 26. Feb 28. Feb				
	6, Feb	12.F	eb 20, Feb 27, Feb 27, Feb				

Exceedance on the 13th Feb 2023 at monitoring location EPL 16 was likely due to shipping actions within the harbour as there were no dredging operations or other construction works at the PKGT at the time of exceedances. The large spike on the 28th of Feb 2023 was likely due to biofouling.



and EPL 19 for the reporting period.

Appendix C – EPL 24 Data

This is a mobile monitoring point located five metres outside the silt curtain around Berth 101. Point 24 is required to be sampled daily for Total Suspended Solids (TSS) during dredging activities. TSS is monitored in real time using turbidity in NTU and the NTU-TSS correlation as recommended in the current EPL or from an in-field study approved by the EPA, whichever is more current at the time of measurement.

FPI 24 Dail	v Averaae	Monitoring	Results
LFL Z4 DUII	y Averuge	wonneoring	NESUILS

Note: For dates where no results are recorded, no dredging activities at Berth 101 were undertaken.