

# Myuna Colliery

Community Consultative Committee

6 March 2023

# Meeting Agenda

- Welcome and Introductions
  - Apologies
  - Declaration of Pecuniary Interest
  - Minutes of the Previous Meeting
  - Business Arising
  - Company Update including
    - i. Progress at the Mine – Operational
    - ii. Approvals Update
    - iii. Monitoring and Environmental Performance
    - iv. Geotechnical Exploration Update
    - v. Community Complaints and Responses
  - General Business
  - Next Meeting
-

# Background

- Approval to mine up to 3 million tonnes of coal per annum.
- Coal is transported to Eraring Power Station using a dedicated overland conveyor.



# Myuna Colliery

## OVERVIEW

Regulatory Instrument	Title / No.	Regulatory Body
Development Consent	SH110/148	Lake Macquarie City Council (LMCC)
Project Approval	10_0080 MOD3 (approved)	Department of Planning and Environment (DPE)
Environment Protection Licence	No. 366	Environmental Protection Agency (EPA)
Mining Lease(s)	1632	Mining, Exploration and Geoscience (MEG)
	1370	
Mining Purposes Lease	334	

# Approvals Update: Project Approval

- **PA10\_0080 Mod 3** – Current status: Approved – Rehabilitation Strategy to be submitted May 2023

## Background:

In July 2021, The NSW Mining Amendment (Standard Conditions of Mining Leases - Rehabilitation) Regulation 2021 (Mining Amendment Regulation) came into effect changing the requirements for Rehabilitation Management Plans (also known as Mining Operations Plans). The requirements of the updated legislation and requirements of the Myuna Project Approval no longer align with each other.

Centennial across all sites have applied for changes to their project approval conditions. Mod 3 is an administrative change to align the project approval with the changes to legislation.

Further detail can be found through the Major Project Portal, see link below.

<https://pp.planningportal.nsw.gov.au/major-projects/projects/myuna-coal-mine-mod-3-rehabilitation-reforms>

# Approvals Update: EPL366

- A licence variation to Environmental Protection Licence 366 has been granted by the EPA as of January 2023. The variation permits a reduction of noise monitoring and the removal of 1 dust gauge.
- Noise monitoring has been reduced to night-time monitoring only and the number of sites has been consolidated. This is because noise levels from the Colliery are easiest to determine at night-time.
- The dust gauge was removed as it was deemed to be in a location out of the influence of the Colliery
- A copy of the updated licence can be found on the Centennial Myuna website.

Link: <https://www.centennialcoal.com.au/operations/myuna/>

# Operations Summary

## Summary of Operational Performance

2022 - Tonnes Mined : 1,050,621 tonnes

2023 - YTD: 189,905 tonnes

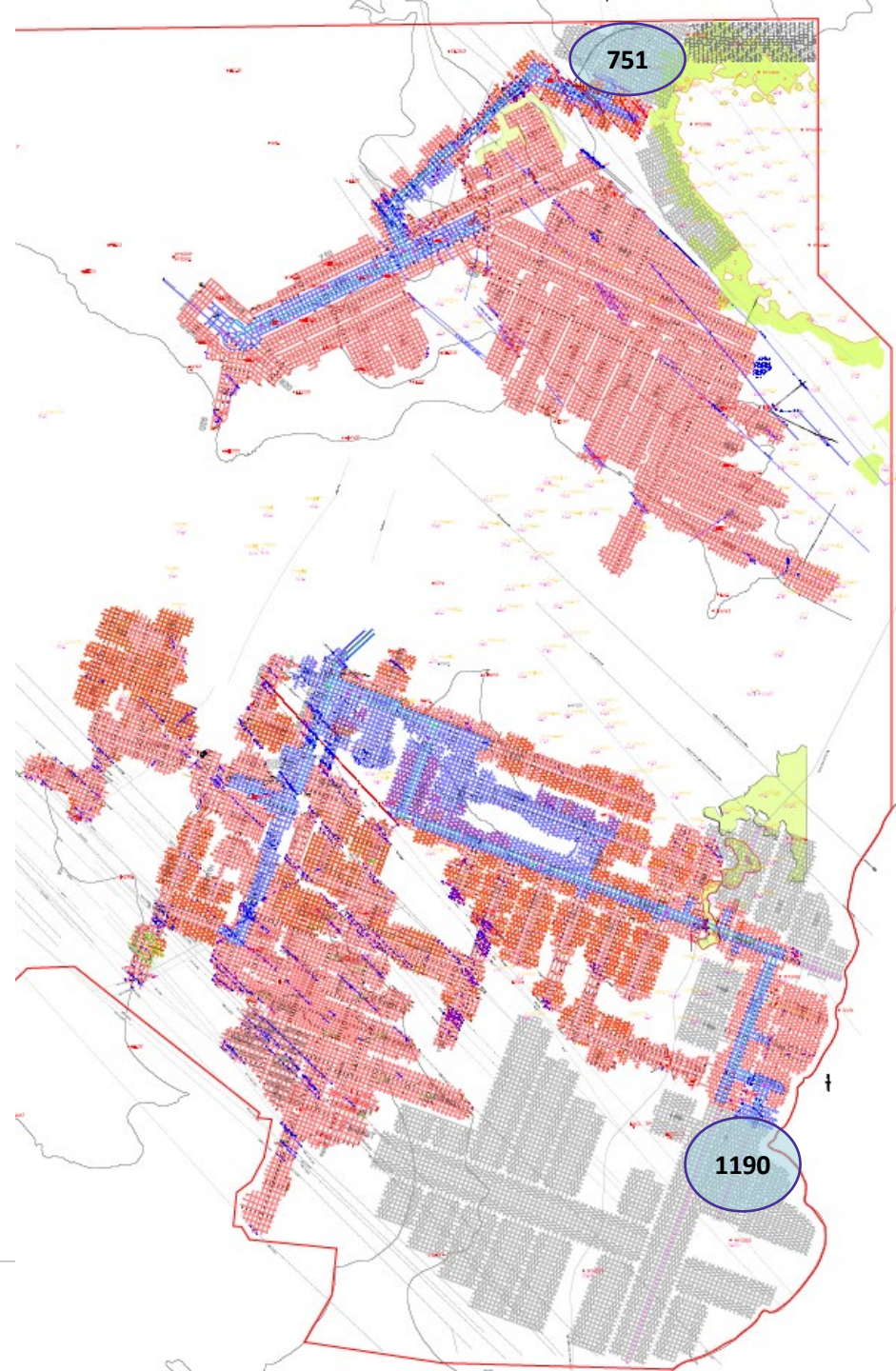
2023 – Budget: 1,145,575 tonnes

Overview of activities since last report period :

- The mine continues to operate in 2 Super Panels with 4 continuous miners.
- Both super panels are operating in the Fassifern Seam.

# Current Mining Activities

- Mining in 2 Production Units in Fassifern Seam
- 751 Panel in the Northern area
- 1190 Panel in the South-Eastern area
- No operations in Wallarah or Great Northern Seams



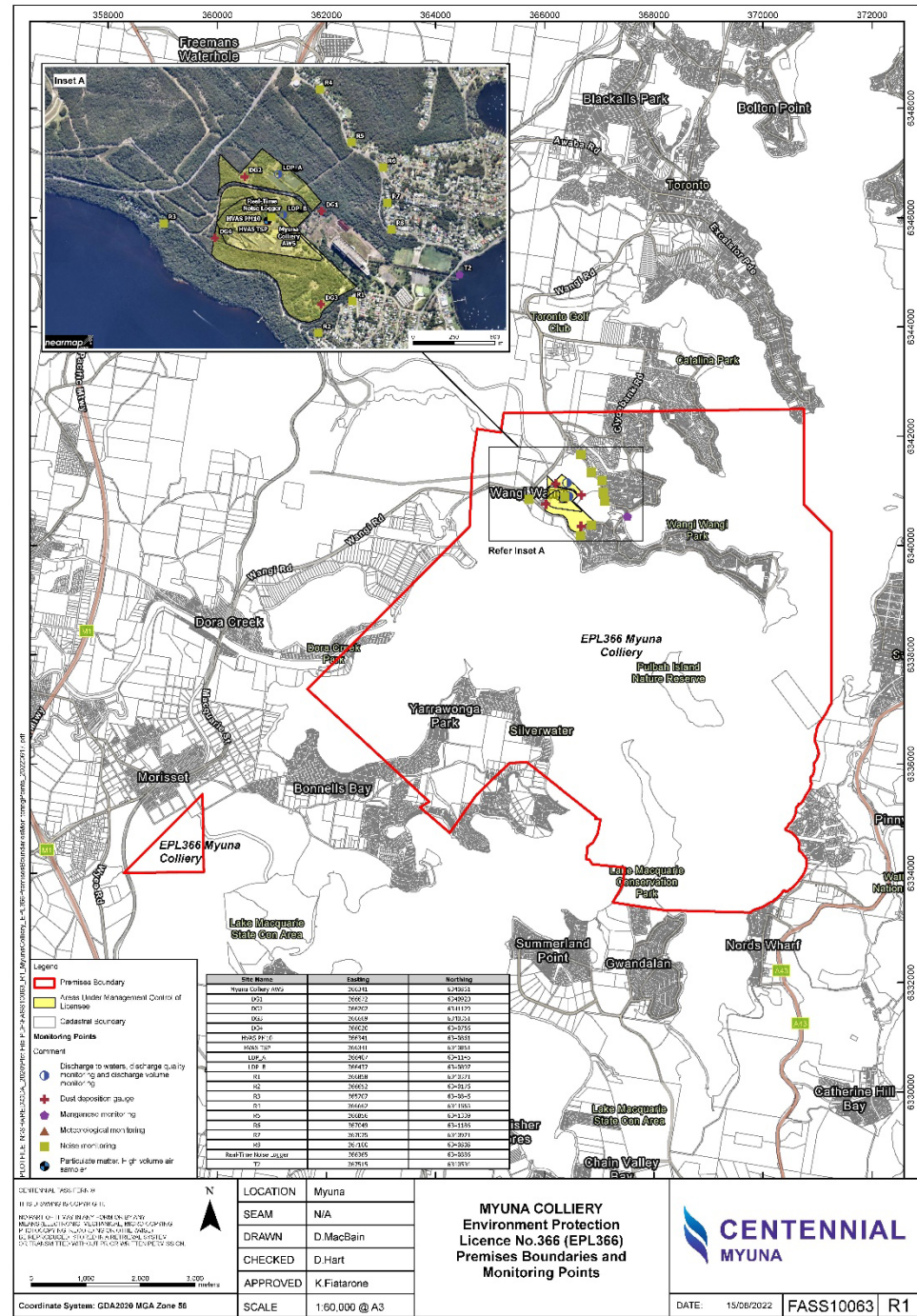


# Environmental Monitoring – Overview

- No exceedances of licence limits
- One administrative non-compliance for the period

## 1. Missed water sample at LDPB

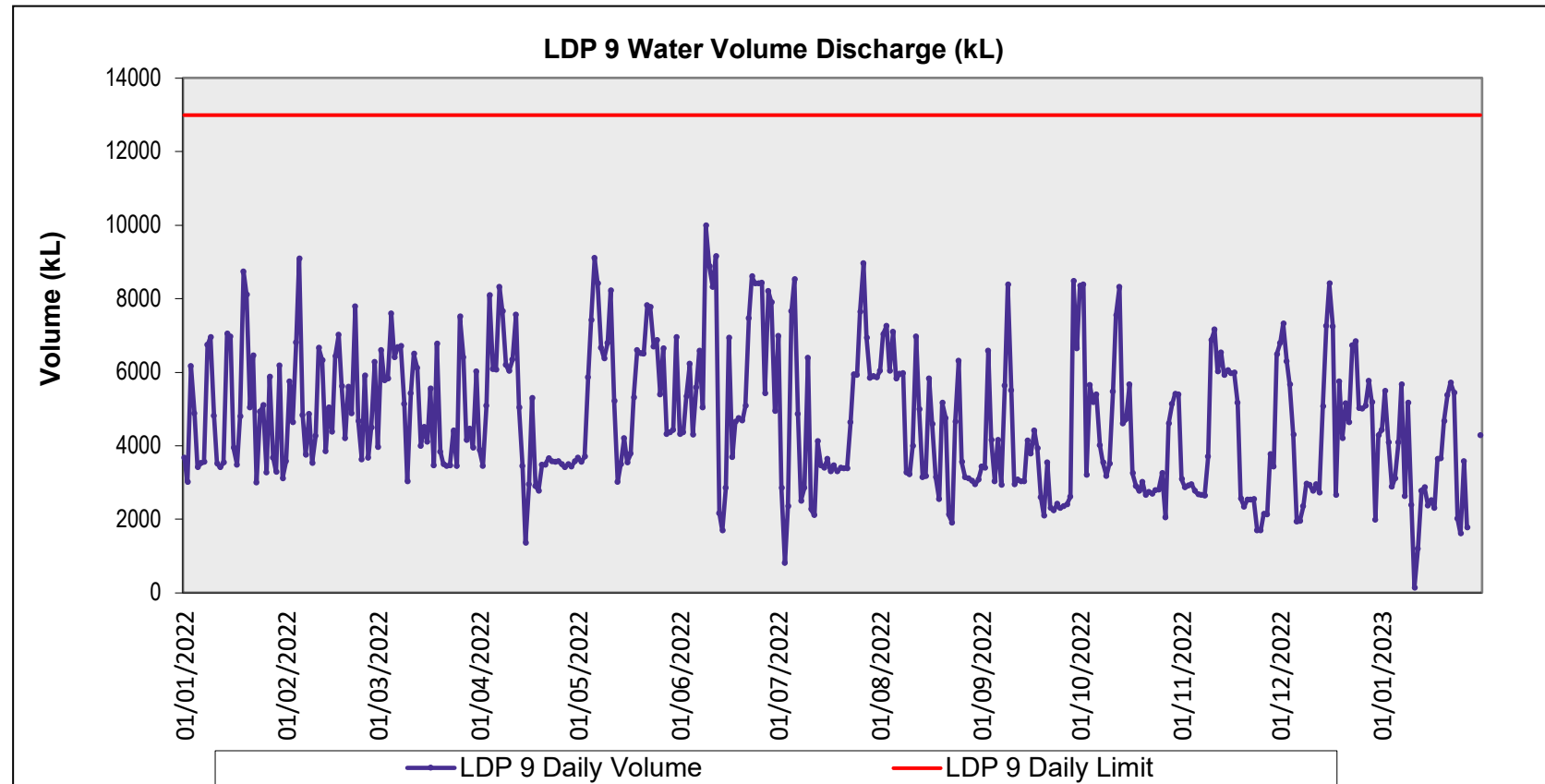
The contractor arrived on site in the morning and LDPB was not discharging, and no sample could be taken. Discharge of water started in the late afternoon and was not subsequently sampled. Samples taken the following day and day previous were all compliant with site limits.



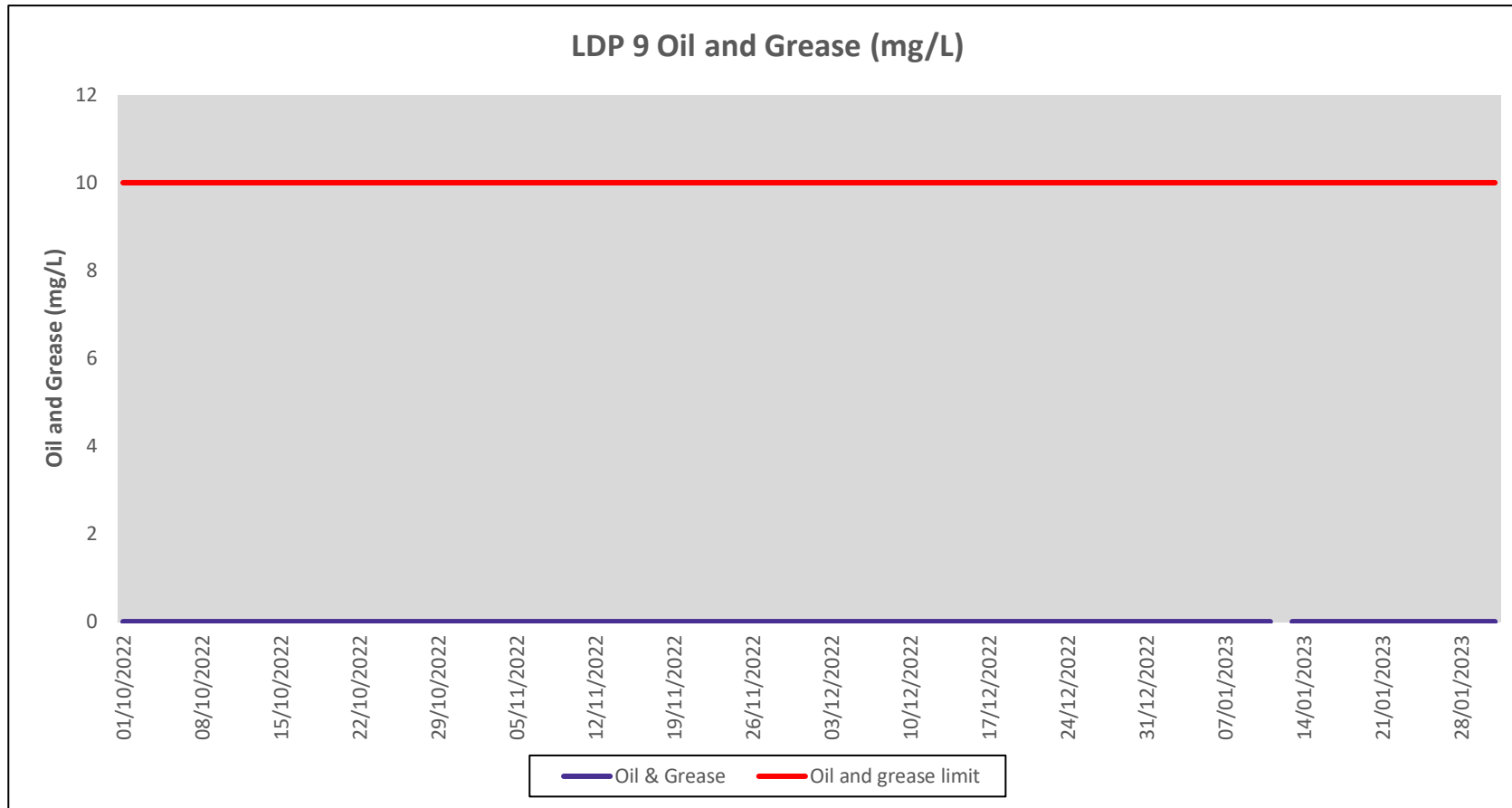
# Environmental Monitoring – Water

## Summary

- Total of 1849.7 ML discharged for the period from LDP 9
- No discharge of water from LDP 10

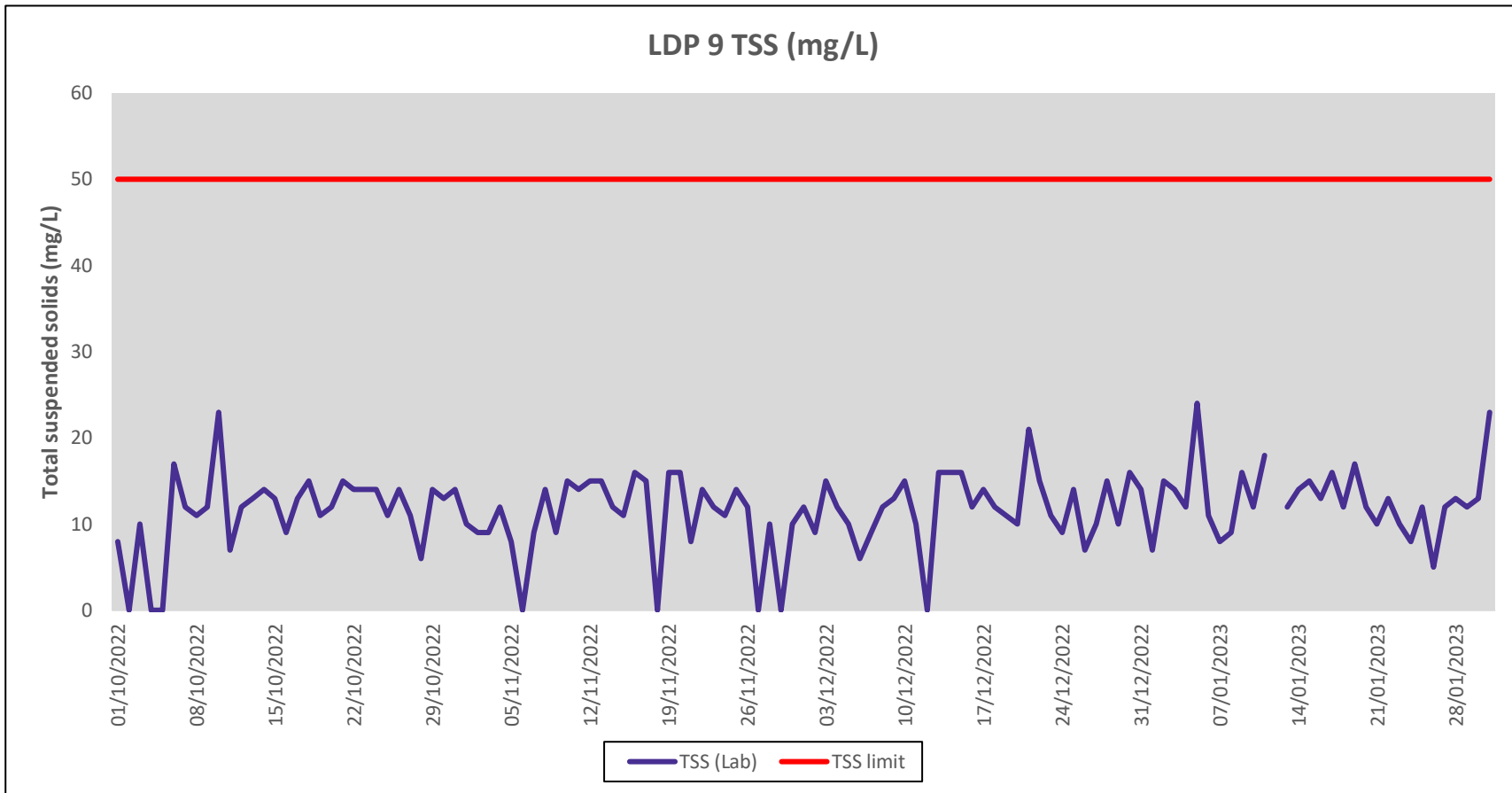


# LDP 9 Oil and Grease



Note: <5mg/L expressed as 0

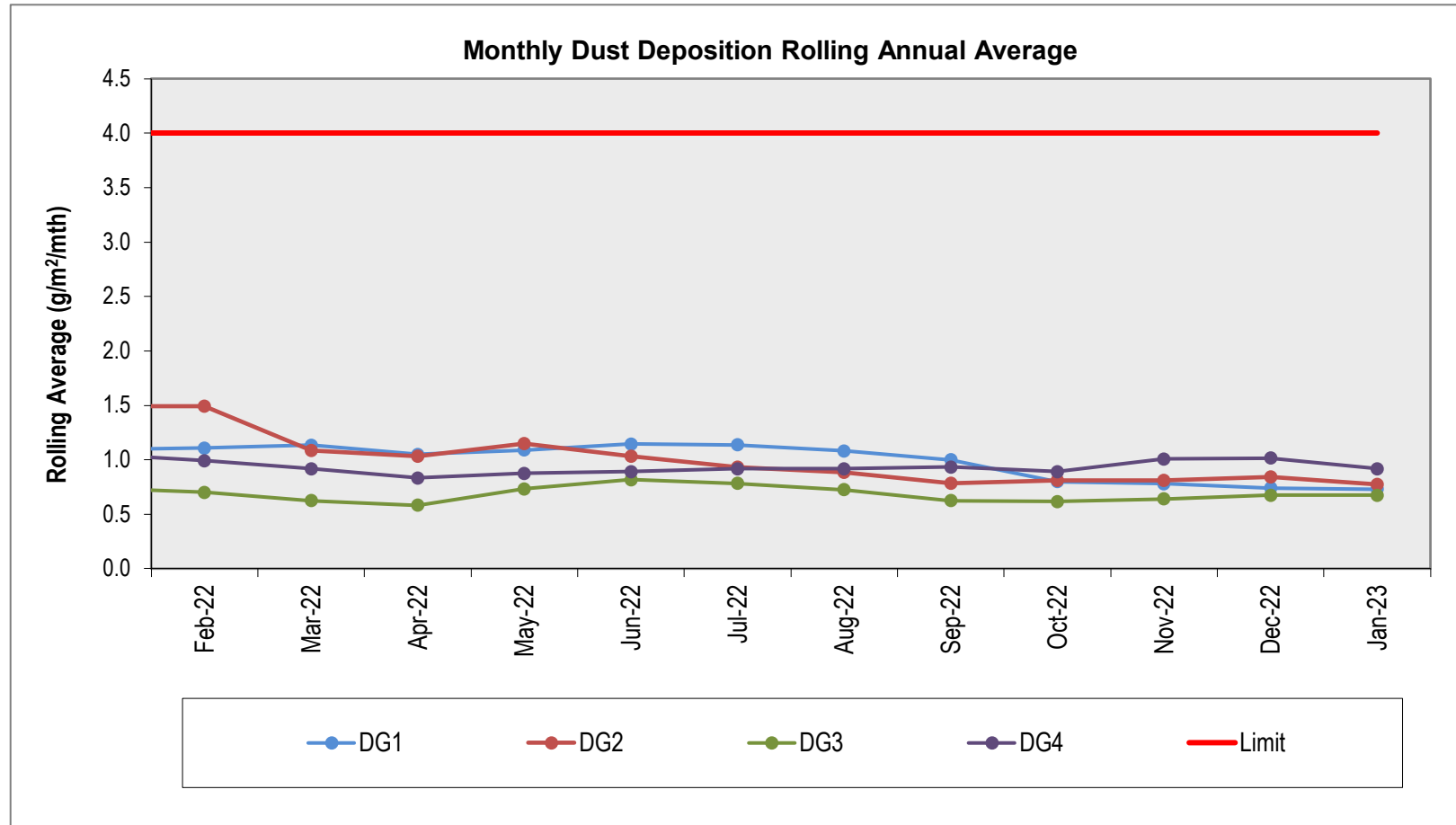
# LDP 9 Total Suspended Solids (TSS)



# Environmental Monitoring - Air Quality

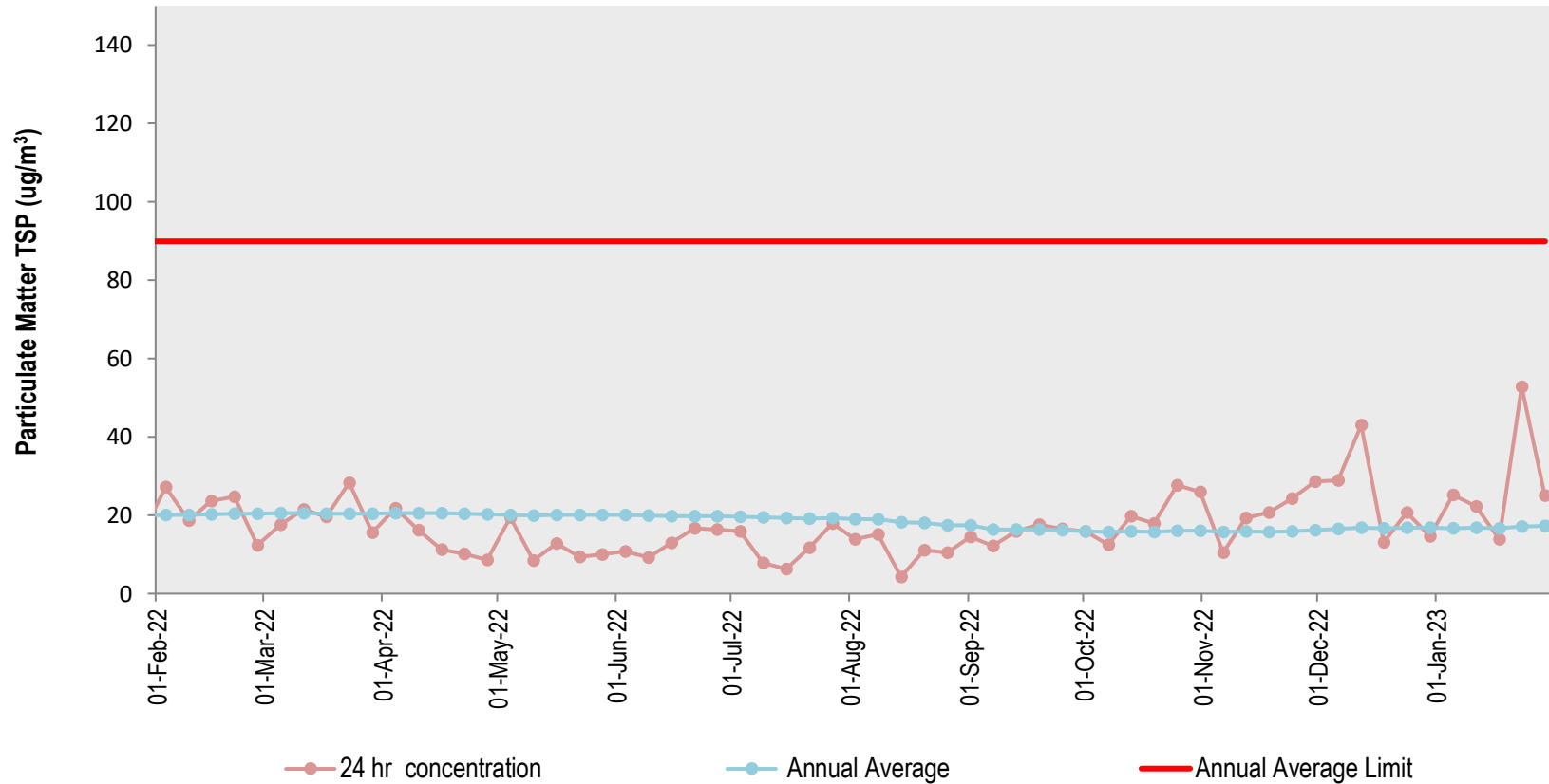
## Summary

- No exceedance of air quality criteria for the period.



# Air Quality - Total Suspended Particles (TSP)

## TSP Concentration



# Environmental Monitoring - Noise

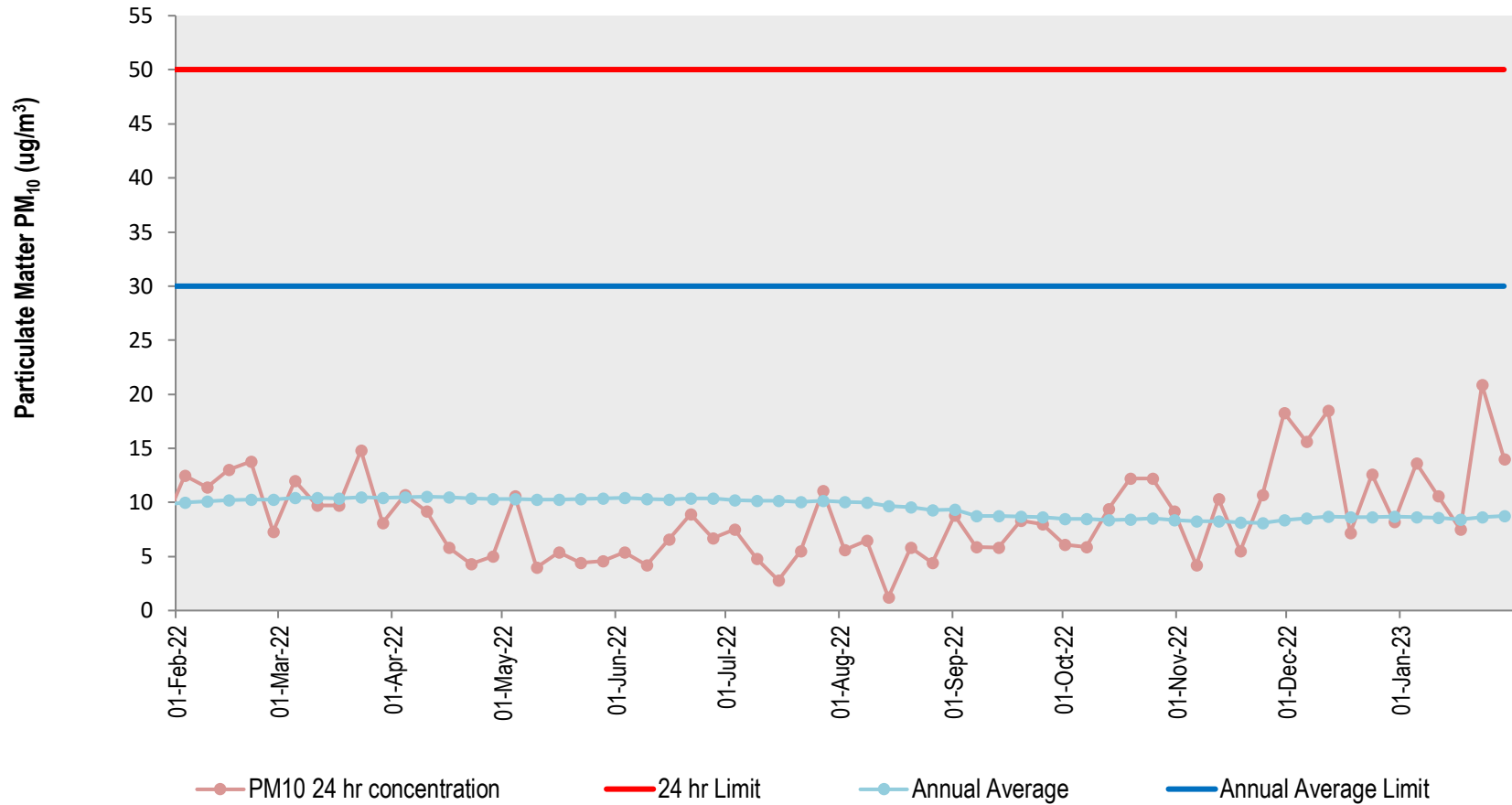
Results below from Q4 conducted December 2022. No non-compliances for the year. Next monitoring scheduled in March 2023.

Location	Estimated Myuna LAeq(15minute) Contribution dBA			Noise Criteria LAeq(15minute) dBA			Compliance		
	Day	Eve	Night	Day	Eve	Night	Day	Eve	Night
R1	I/A	I/A	35*	35	35	35	Y	Y	Y
R2	I/A	30	29	35	35	35	Y	Y	Y
R3	I/A	I/A	30	35	35	35	Y	Y	Y
R4	30	33	35	35	40	38	Y	Y	Y
R5	I/A	31	38*	37	42	39	Y	Y	Y
R6	33	32	38	37	42	39	Y	Y	Y
R7	25	36	39*	37	42	39	Y	Y	Y
R8	I/A	I/A	30	37	42	39	Y	Y	Y

\*Note R1, R5 and R7 all had 2dBA positive adjustments due to 'annoyance factor' determined by a NPfl low frequency analysis.

# Air Quality – Particulate Matter <10ug (PM10)

## PM<sub>10</sub> Concentration





# Geotechnical Investigations – 2022

- Required for safety of workers (rockhead cover) & coal quality information
- Survey methods;
  - Magnetic survey (completed)
  - Sub-bottom profiling (completed)
  - Rock head drilling (completed)
  - Surface to seam drilling (completed)
- Commenced in June 2022 and completed in November 2022.
- 1 complaint, no safety or environmental incidents, no other issues.



# Community Complaints

- There has been one complaint during the past 6-month period.
- A complaint was received by email regarding the 2022 Myuna Geotechnical Project. The complainant claimed they were able to smell diesel fumes in their home in Fishing Point, adjacent to the barge. Myuna attempted to contact the resident to understand more about their concerns with no response.
- A representative from Myuna attended the foreshore noting no discernible odours.

The logo consists of three white, curved, flame-like shapes stacked vertically to the left of the word "CENTENNIAL".

**CENTENNIAL**