



**Maxwell CCC Presentation**  
**22 February 2024**

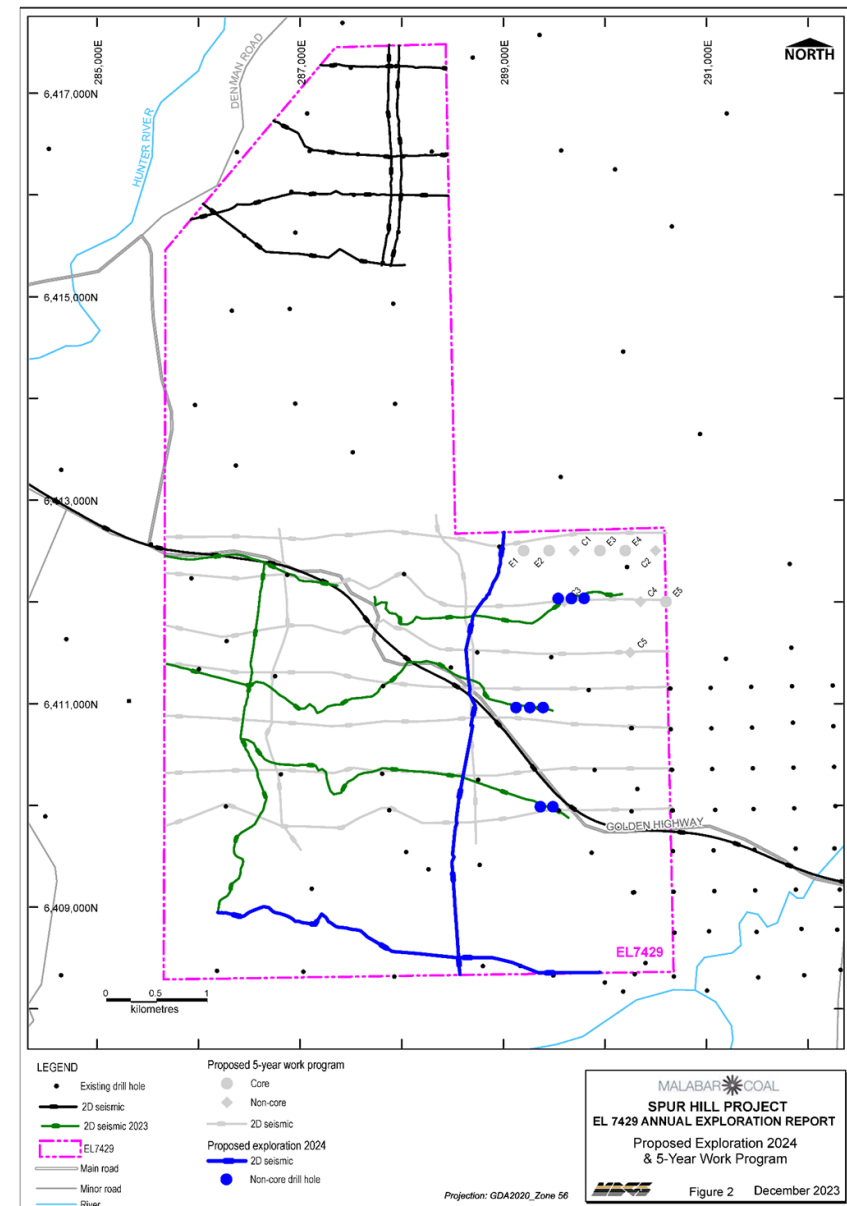
# Meeting Agenda

No.	Topic	Who
1	Welcome & Introductions	Chairperson
2	Apologies	Chairperson
3	Acknowledgement of Country	Chairperson
4	Declaration of Pecuniary Interests	Chairperson
5	Business Arising/Action Items	Chairperson
6	Correspondence	Chairperson
7	Spur Hill Exploration Licence Update	James Johnson
8	Maxwell Underground Mine Update	James Johnson
9	Management Plans and Environmental Performance	Donna McLaughlin and Alex Newton
10	Community Updates	Teagan Rutter
11	Community Questions	All
12	General Business	All
13	Next Meeting	Chairperson
14	Meeting close	Chairperson

## 7. Exploration Licence Update

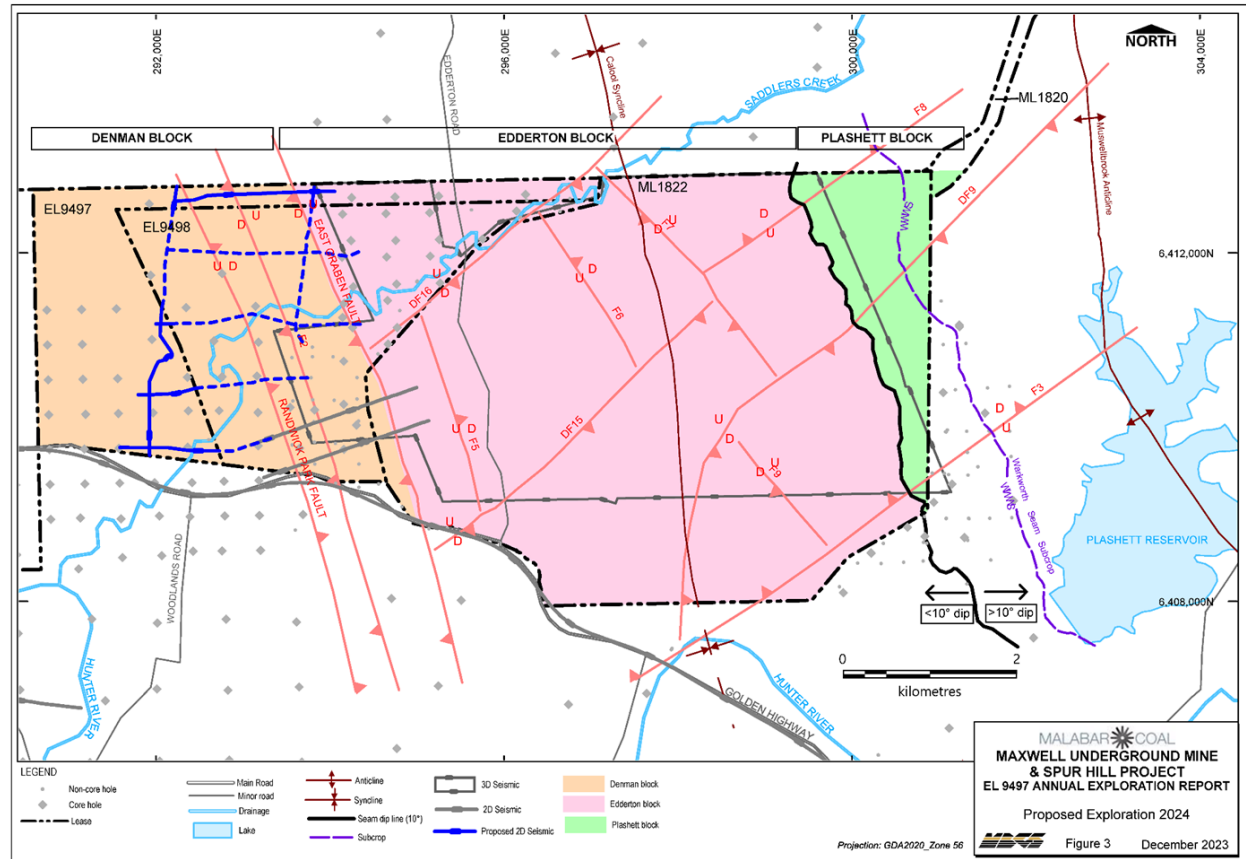
# Spur Hill Exploration

- Processing of seismic data completed.
- Data processing report delivered.
- Initial interpretation of data has begun. Results expected through March.
- 2024 exploration program planning is underway. May include a combination of 2D seismic and drilling.



# EL9497 and EL9498

- Desktop analysis undertaken in 2023.
- First year of field exploration activities to occur through 2024.
- 2D seismic planned to understand the relationship between these ELs, Maxwell Mine and Spur Hill.
- The 2024 exploration is planned on Malabar owned land.



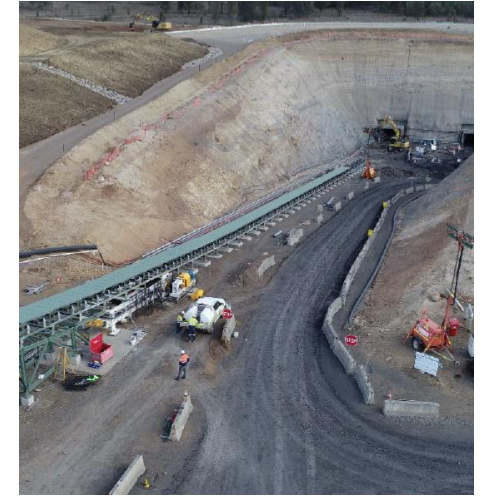
## 8. Update on Maxwell Underground Mine

# Maxwell Underground Mine - Schedule

Calendar years	Year 1 2022		Year 2 2023		Year 3 2024		Year 4 2025		Year 5 2026		2027 to 2050		2050 Onwards	
Development of site infrastructure														
Development of Whynot B&P Mine														
Construction of Woodland Hill Drifts & Ventilation shaft														
Longwall ordered, manufactured, delivered and installed														
Construction of overland conveyor														
Development Coal to set up for Longwall Operations														
Longwall production (145m)														
Longwall Expanded to 300m														

# What have we achieved?

- December 2020 – Development Consent issued.
- November 2021 – Mining Lease granted.
- May 2022 – Construction commenced.
- March 2023 - First coal was produced from the Whynot Seam.
- June 2023 – First coal train leaves site.
- July 2023 – Woodlands Hill Drift Construction commences.





# Access Road & Conveyor Trace

- Works progressing well – some wet weather delays.
- Base course placement ongoing.
- First section of bitumen seal (on Part B) completed.



# Mine Entry Area



- Concrete work on Woodland's Hill Portal access ramp in progress.
- Woodland's Hill Portal sump almost completed.
- Temporary seeding undertaken for batter stabilisation.

# Apprentices 2024

- Appointment of four (4) Apprentices
  - 2 x Electrical Apprentices
    - ▶ Jack Knight and Jordan Rivera
  - 2 x Mechanical Apprentices
    - ▶ Jimmy Kane and Lachlan Muddiman
- First Day Onsite – Friday 19/01/2024
  - UG inspection, meet and greet, overview of the process.
- Commenced at HVTC – Monday 22/01/2024.
  - Apprentices to complete 6-9 months full time as part of the work readiness program and continue part time post that period to complete trade vocational training.



## 9. Management Plans and Environmental Performance

# Management Plan Updates

- The following management plans have been updated following approval of the Antiene Modification. All plans are available on the Malabar website.

Management Plan	Submitted to DPE	Approved and or Finalised
Aboriginal Cultural Heritage Management Plan	Yes	Yes
Air Quality and Greenhouse Gas Management Plan	Yes	Yes
Biodiversity Management Plan	Yes	Yes
Bioremediation Management Plan	Yes	Yes
Bushfire Management Plan	N/A	Yes
Contaminated Materials Protocol	Yes	Yes
Environmental Management Strategy	Yes	Yes
Exploration Activities and Minor Surface Infrastructure Management Plan	Yes	
Noise and Blasting Management Plan	Yes	
Pollution Incident Response Management Plan	N/A	Yes
Rehabilitation Management Plan	N/A	Yes
Rehabilitation Strategy	Yes	Yes
Social Impact Management Plan	Yes	Yes
Spontaneous Combustion Management Plan	Yes	Yes
Traffic Management Plan	Yes	Yes
Visual Impact Management Plan	Yes	Yes
Water Management Plan	Yes	Yes

- Work is continuing on the Whynot Extraction Plan.

# Rehabilitation Update

- Weed Control:
  - Spray regrowth of June's Golden Wreath Wattle mulch area around Industrial Dam.
  - Spray Prickly Pear on East Tip.
- Pest Control:
  - Shooting program end November 2023 within tree planting areas. Results: 70 rabbit/hare and 10 pigs
- Revegetation:
  - Application of 3.9ha woodland seed within remediation areas of the Woodland Corridor.



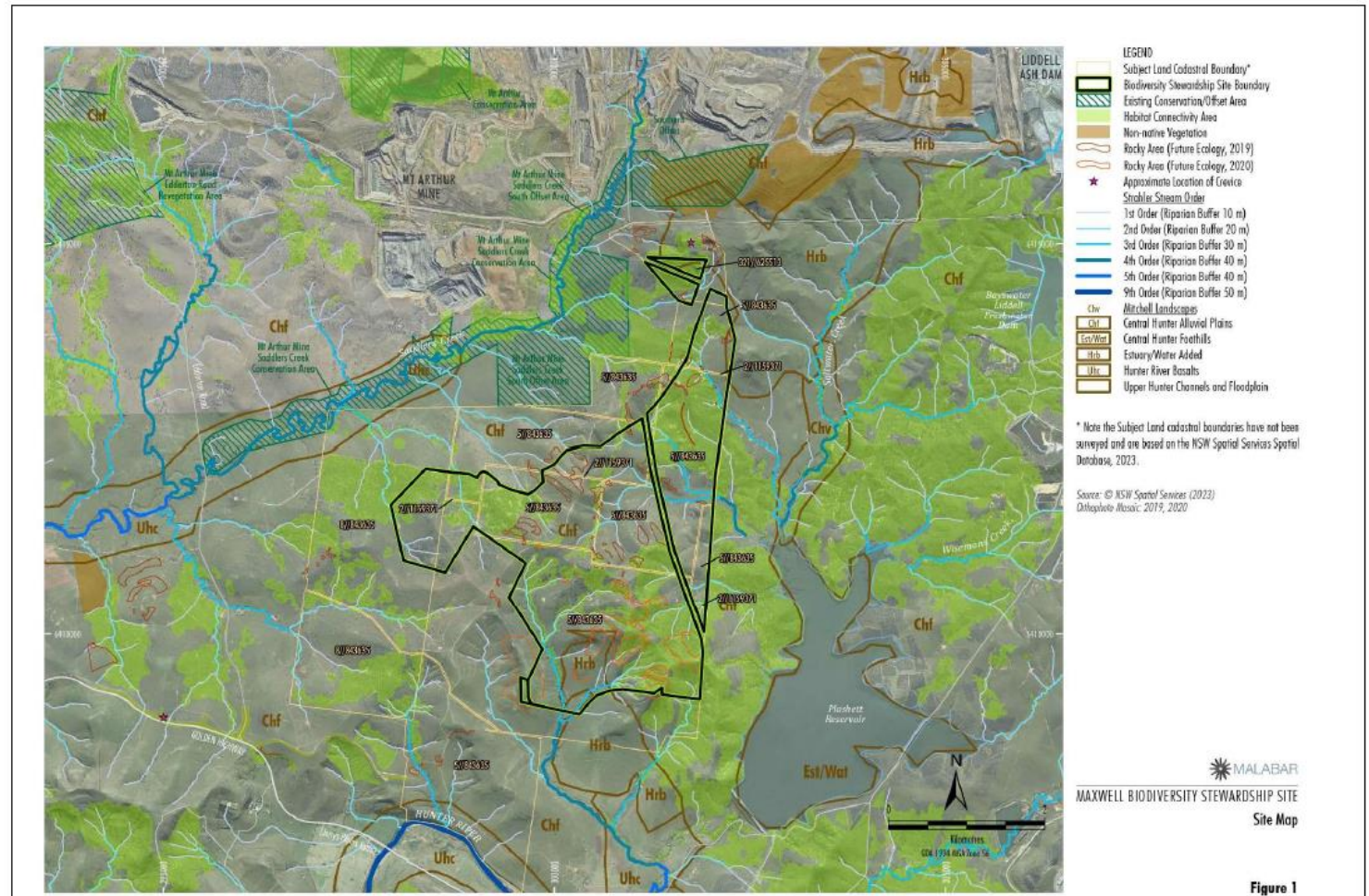
# Rehabilitation – Remedial Work

- Works completed:
  - Widening of drains ID7, ID8 and ID9.
  - Diversion of water away from the Northern Void highwall.
  - Repairs to contour banks and reshaping at the East Void.
  - Removal of old contour banks near Southern Void.
- Progress report provided to the Resources Regulator.



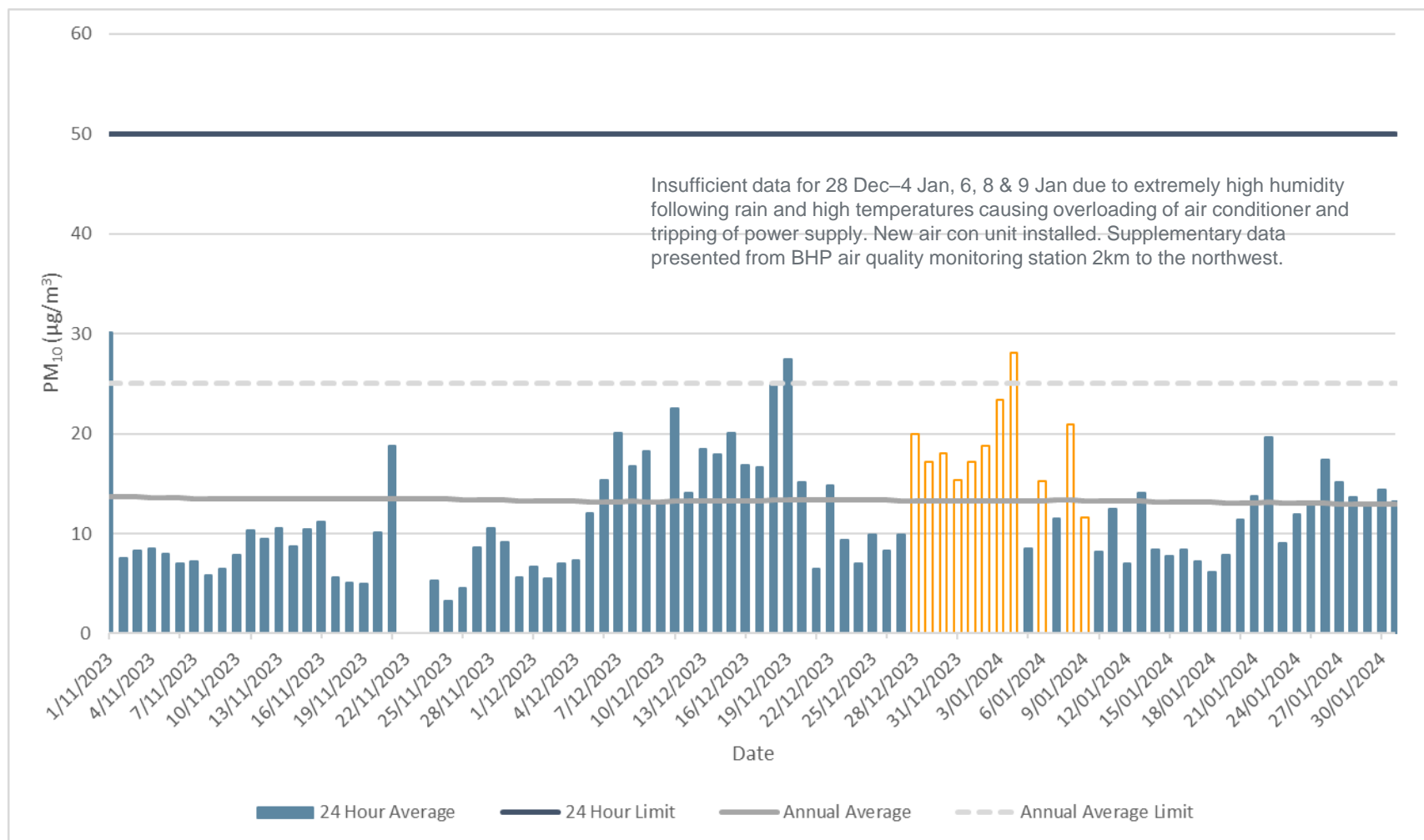
# Maxwell Biodiversity Stewardship Agreement

- Established under Biodiversity Conservation Act 2016.
- 1041 hectares in size.
- Comply with the management plan and carry out management actions.
- Total fund deposit in excess of \$5M.



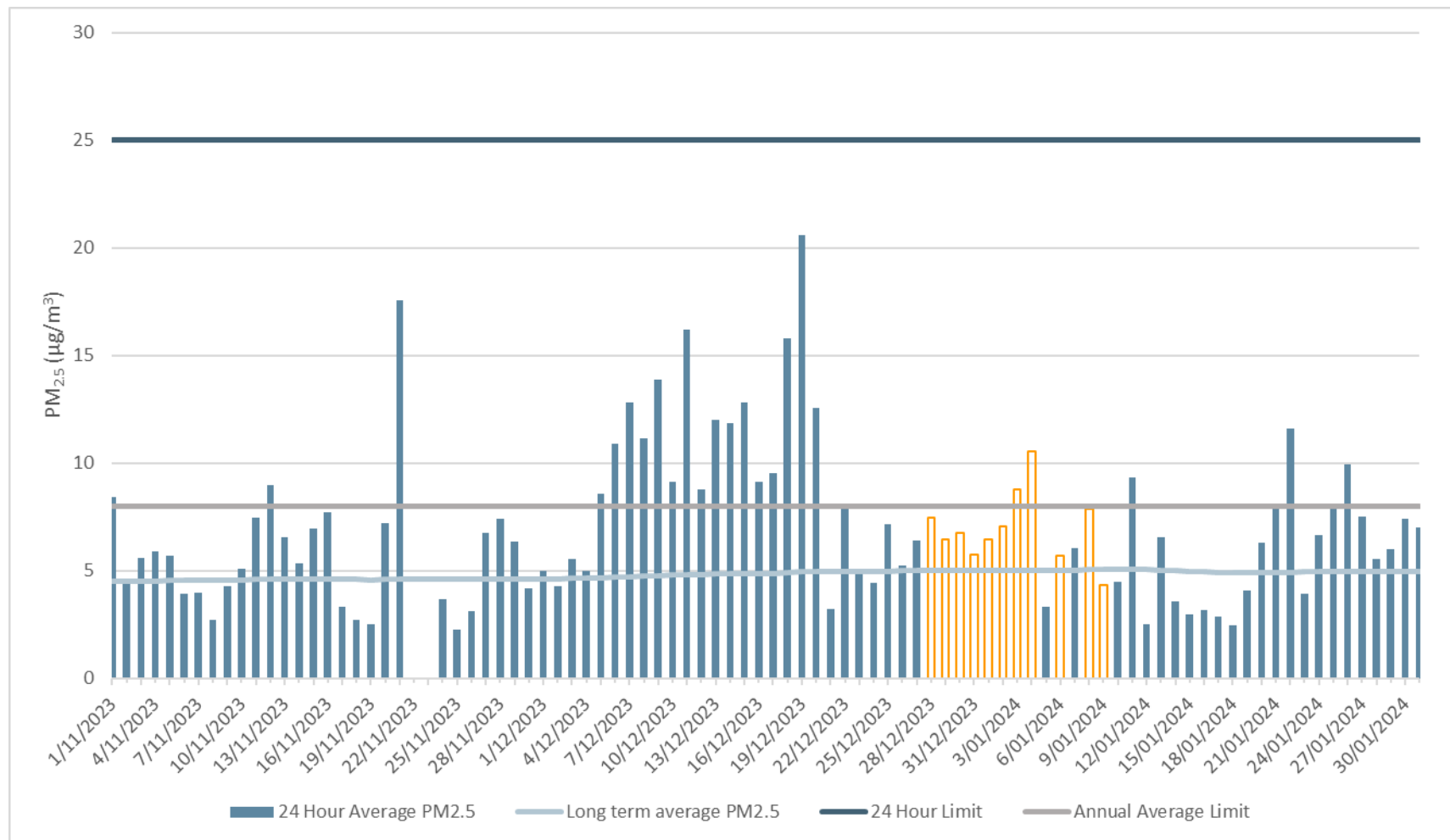


# PM<sub>10</sub> at TEOM-1 (Maxwell Infrastructure)



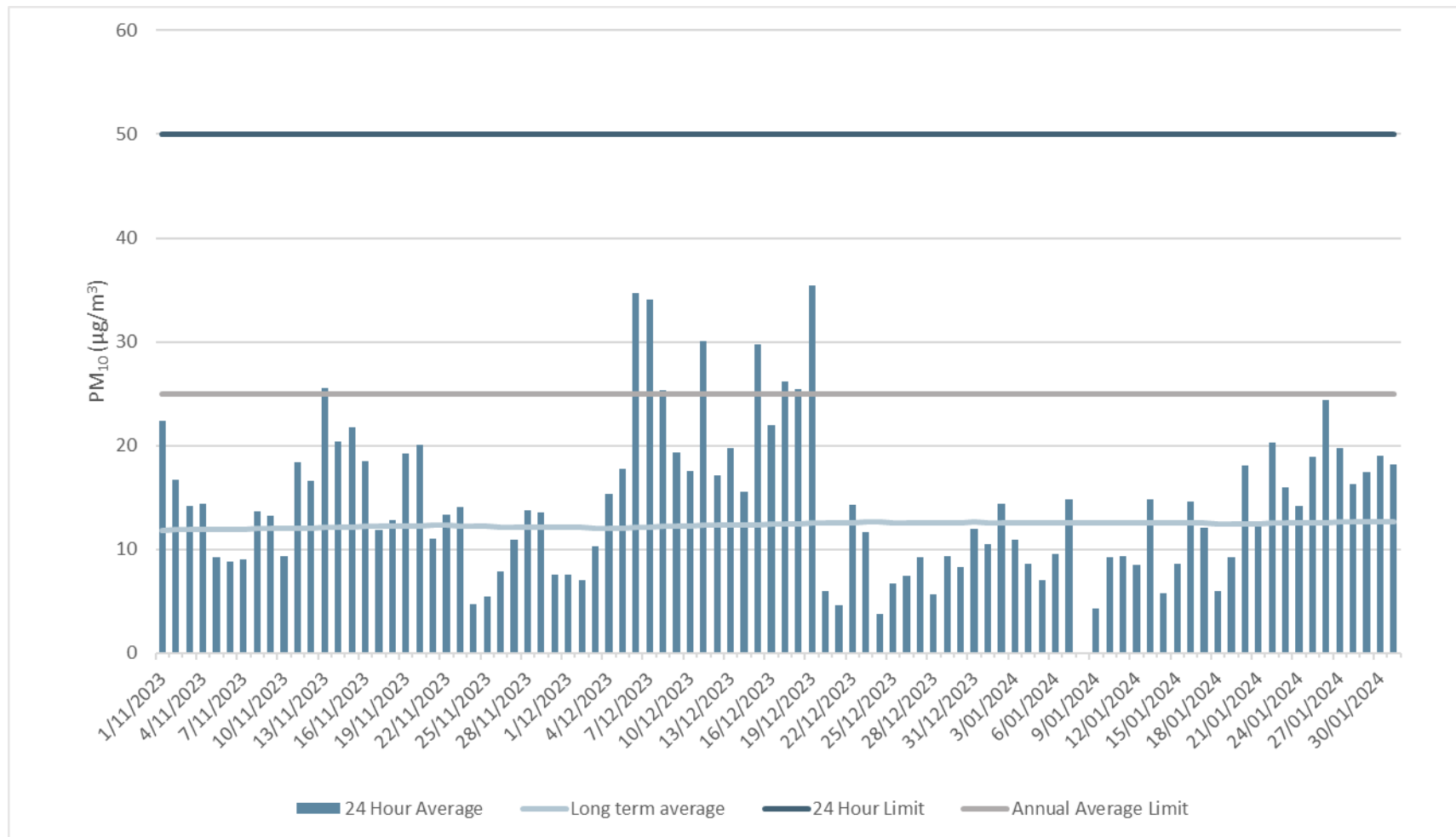
The graph shows 24-hour average and long term (rolling annual average) PM<sub>10</sub> concentrations recorded during the reporting period as measured using a TEOM. All were significantly below the 24-hour and annual impact assessment criteria.

# PM<sub>2.5</sub> at TEOM-1 (Maxwell Infrastructure)



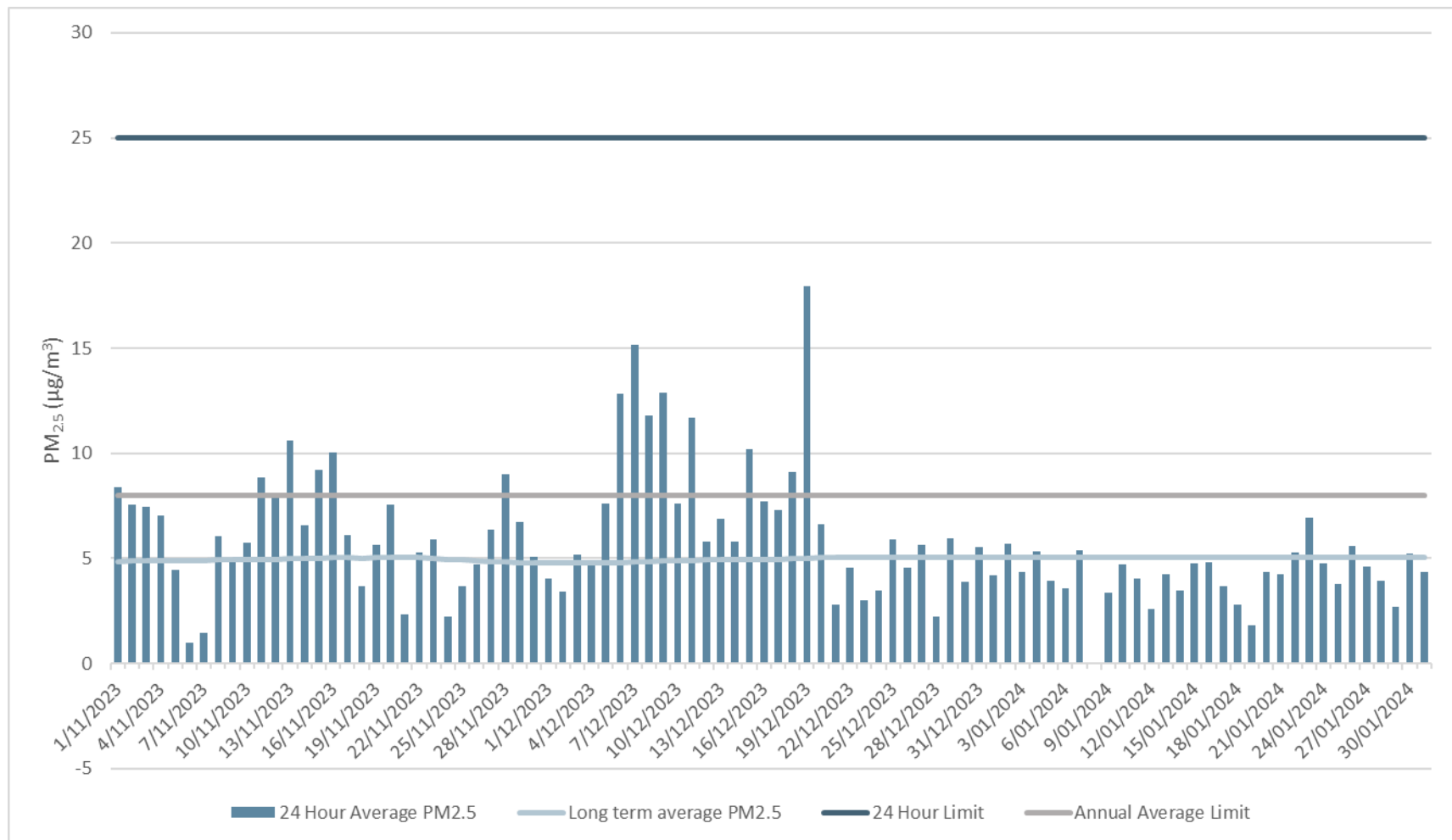
The graph shows 24-hour average and long term (rolling annual average) PM<sub>2.5</sub> concentrations recorded during the reporting period as measured using a TEOM. All were significantly below the 24-hour and annual impact assessment criteria. As for PM<sub>10</sub>, the data gaps between 28 Dec and 9 Jan have been replaced with data from the BHP TEOM (DC07) on Balmoral Road, 2km to the northwest. Noting that PM<sub>2.5</sub> is not recorded at DC07 and hence the long-term ratio of PM<sub>10</sub> to PM<sub>2.5</sub> as recorded at TEOM-1 has been applied to PM<sub>10</sub> concentrations at DC07.

# PM<sub>10</sub> at TEOM-2 (Plashett)



The graph shows 24-hour average and long term (rolling annual average) PM<sub>10</sub> concentrations recorded during the reporting period. All were significantly below the 24-hour and annual impact assessment criteria.

# PM<sub>2.5</sub> at TEOM-2 (Plashett)



The graph shows 24-hour average and long term (rolling annual average) PM<sub>2.5</sub> concentrations recorded during the reporting period. All were significantly below the 24-hour and annual impact assessment criteria. Small negative values in the range are a function of the TEOM instrument at very low concentrations.

## 10. Community

# Complaints

- No complaints received.

# Community Update

- 2NM Power FM Food & Toy Christmas Appeal – Malabar donated \$2000 along with gift contributions to support this appeal and helping them to create cherished memories at Christmas.
- Milbrodale Public School – a small rural school with 17 students ranging from Kindergarten to Year 6. Malabar donated \$500 to cover the costs of their Year 6 Farewell dinner at the local hall and a party day for all students, including a BBQ at a local playground on the last day of school.



# Community Update

- Muswellbrook Day View Club – Malabar donated back to school supplies including backpacks, lunch boxes/bags, drink bottles, texters, pencils etc. These were delivered to four of our local schools for those that need them most.
- Westpac Rescue Helicopter – we understand the importance of the Westpac Rescue Helicopter Service and are extremely grateful for the work they do. Malabar donated \$1000.
- Denman Sandy Hollow JRLFC – Club Sponsor 2024





# Community Update

- Scone Community Pantry at the Scone Community Centre – Provide support to those in need in their local community. They were asking for food and gift donations to help supply over 30 hampers to local families doing it tough over the Christmas season. Malabar gifted \$1000 to go towards purchasing gift cards for the older kids as many donations received were for younger kids and adults.
- Aberdeen Fire & Rescue NSW – Malabar donated \$300 to help purchase lollies for their annual Santa lolly run for the Aberdeen community.



# Community Update

- Calvary Care Singleton – Malabar staff personally delivered Christmas gifts to all 33 residents who were surprised and excited. The gifts included essential items such as Christmas chocolates, puddings, coffee cups, hand creams, handkerchiefs and handwritten cards.
- Upper Hunter Education Fund - 2024 sponsorship of \$3000 providing financial assistance to university students from the local community.



## 11. Community Questions

# Community Questions

- No questions received

## 13. General Business

Thank you