

Minutes: Boggabri Coal Community Consultative Committee
Held at the Boggabri Golf Club

Thursday 26 October 2023

Members Present: Alex Williams (AW) – Boggabri Coal, Cr Cathy Redding (CR) – Narrabri Shire Council, Elizabeth O’Hara (EOH) – Community Representative, Michelle Henry (MH) – Narrabri Shire Council, Mitchum Neave (MN) – Community Representative, Phil Lancaster (PL) – Community Representative, Richard Gillham (RG) – Community Representative, Roselyn Druce (RD) – Community Representative, Susie Pym (SP) – Boggabri Coal, Tim McDermott (TM) – Boggabri Coal.

Apologies: Nil

Independent Chair: David Ross (DR)

Independent Secretary:

Debbie Corlet (DC)

Agenda Items	Who to Present
1. Welcome, Introductions and Apologies	DR
2. Declaration of Pecuniary or other interests	DR
3. Confirmation of the Minutes of the previous meeting – Tuesday 29 August 2023	DR
4. Business arising from the previous minutes – Action List Distributed	DR
5. Correspondence	LB
6. Company Reports and Overview of Activities	LB
7. General Business	ALL
8. Next Meeting – Thursday 15 February 2023	

Agenda Item	Discussion	Action/By Whom
1.	<p>Welcome, Introductions and Apologies – DR welcomed everyone to the fourth and final meeting for 2023. Welcomed new member, PL, to the meeting.</p>	
2.	<p>Declaration of pecuniary or other interests – DR noted that he is paid a fee to chair these meetings as is DC for typing the minutes. RG’s property falls within the zone of affectation.</p>	
3.	<p>Confirmation of the minutes of the previous meeting (29 August 2023) – Everyone was comfortable that the previous meeting minutes appropriately reflected what was discussed.</p>	
4.	<p>Business Arising from the previous minutes –</p> <p>Action 2 re Independent Environment Audit link. It wasn’t a direct link. TM to provide direct link and hard copy to MH.</p> <p>Some members requested hard copies of the slides to be provided once more as it makes it easier to write appropriate notes during meetings.</p>	<p>ACTION 1 – TM to provide direct link to Audit and hard copy to MH.</p> <p>ACTION 2 – Boggabri Coal to ensure hard copies are provided to members.</p>
5.	<p>Company Reports and Overview of Activities by Boggabri Coal</p> <p>EOH – Some members of the community have heard that draft conditions for Mod 8 have been received and had until 14 September to respond? What is happening with this?</p> <p>AW – There is ongoing consultation with the State and Federal government.</p> <p>Slide re Cooboobindi Bore and Victoria Park Bore raised a discussion.</p> <p>MN – How many litres of licence do you have?</p> <p>TM –We have about a 1,300 ML stored onsite. We have developed a Trigger Action Response Plan (TARP) for the management of onsite water. The TARP guides management decisions so that water is only imported when required. We also have the river licence, but we aren’t planning to use it for at least the next two years. We have no plans to share the water with Tarrawonga or Vickery. We need to ensure that our operations have no impact on neighbouring landholder’s bores. We have increased our groundwater monitoring in preparation for when we do begin importing water.</p>	
6.	<p>Correspondence</p> <p>AW discussed the correspondence that has taken place between the mine and government organisations.</p> <p>NSW Department of Planning & Environment – Draft conditions received for Mod 8, awaiting Commonwealth reconsideration outcome. Management plans will be updated post Mod 8 approval.</p>	

Resource Regulator – Resubmission of final landform and rehabilitation objectives.

EPA – Submitted monthly attended noise monitoring reports. Submitted National Pollutant Inventory and Tyre Recycling Reports. EPA approved the continued disposal of end-of-life heavy vehicle tyres for a further two annual reporting periods.

Biodiversity Conservation Trust – Regular progress meetings are being held regarding Conservation Agreements (CAs). BCO received extension until 30/06/2024 to execute CAs. Group one CAs awaiting final internal signatures.

EOH – Have Santos been onto your properties?

AW – No one has come onto our site to do surveys.

Forestry Corporation of NSW – Reviewing compensation agreement for A355. Finalising Forest Permit and Exclusive Use Rights.

RD – As you are required by NRAR to provide \$10,000 to a community project as part of the Enforceable Undertaking (EU), have you identified one yet?

AW – We are in consultation with Landcare to develop a project with them.

Narrabri Shire Council – Ongoing consultation on housing commitment.

NSW Natural Resources Access Regulator (NRAR) – Entered into an EU, first quarterly monitoring report submitted.

2023 Overview

RG – How are you tracking with production at the moment? Is it on par?

AW – Yes, it is on track.

HV tyre disposal

TM – The EPA have accepted our report regarding recycling options for end-of-life heavy plant tyres and said we can bury for another two years. BCOP are going to trial the processing of 60 tyres offsite. The closest recycling plant is near Canberra.

A discussion then took place between MN and TM about the benefits of the three mines getting together and starting a business threading the tyres, locally. TM noted that recycling 60 tyres off site is the first step of trialling to see how the technology works.

ACTION 3 – DR to invite the EPA to the next Joint CCC meeting.

<p>DR – From the other CCC meetings there is an action on me to invite the Minerals Council Tyre Stewardship representatives to the Joint CCC in May.</p> <p>RD then read out a statement expressing concern with BCOPL and the EPA regarding the disposal of the tyres (see Appendix 2).</p> <p>Archaeological Salvage Program DR – Where is the Archaeological Report at? AW – It is with the DPE awaiting their feedback.</p> <p>Carbon Credits AW notified members that BCOP does not need to purchase additional carbon credits, the mine is investigating different options to reduce carbon emissions, including research into carbon farming.</p> <p>RD – What does carbon farming mean? AW – We don’t really know as yet. We’ve just started researching it. We will discuss it with you at a future meeting. MN – What is the figure for the carbon cap? AW – We will take on notice. There is a benchmark for all coal mines in NSW. Underground emit a lot more carbon – we’re sitting well below the cap.</p> <p>A discussion then took place on the impacts of clearing trees on carbon retention. The mine has a requirement to plant a particular number of seedlings per hectare – approximately 700 seedlings per hectare. The mine has had a high rate of plants surviving even during drought. AW noted that if there are lots of plants that die, then further seedlings are then replanted in their place.</p> <p>Air Quality Monitoring AW and TM talked to the air quality monitoring, despite the drier and dustier conditions, the mine has not had any exceedances in the last quarter. EOH – It is the PM2.5 that we are getting concerned about. AW – They are picked up in the Wilberoi East TEOM.</p>	<p>ACTION 4 – Present carbon cap for mines and for BCOPL</p>
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7.

General Business

New to Industry

AW talked to the interest that has been received by the mine with respect to the New to Industry recruitment. Apprenticeships still need to be filled.

Modification 8 Amendment Update

DPE is working on the Assessment Report at present. The mine continues to consult with both DPE and the Federal DCCEEW (Department of Climate Change, Energy, the Environment, and Water) with respect to approval.

EOH – Our experience with Modifications is that they are never rejected. Modifications may be accepted with conditions. Some of the community feel dejected. With this Mod 8 – the original Mod has been amended, so that we were dealing with a modification of a modification.

AW – The original Mod was unlikely to be approved with a certain condition. We can't put whatever we want in the Mod.

Biodiversity Offset Areas

AW noted that 105,000 tube stock are ordered for the 2023 tree planting program. To be planted on the Jerralong and Northam Property.

RD- What is happening with the Tree Troffs?

TM – Some of the cameras on the Tree Troffs have been chewed through. Only three or four cameras left. The Tree Troff program is going well. We are still going to maintain the Tree Troffs and download as much data as we can from the cameras.

AW – The DPE has started a project to install microphones in trees to capture koala mating calls. A microphone was installed at Eastview in October.

2023 Rehabilitation

TM noted that 47 ha requires bulk shaping, topsoiling and revegetation and 28ha requires minor topsoil/revegetation work.

TM – This year we are trialling direct seeding on the rehab. Seed mix with a bulking agent. We'll look into drones but easy to manage with a tractor at this stage.

RD – Is it grasses?

TM – No, it is a full mix. Lots of canopy species. Seeding commences in the next three weeks.

Housing VPA Update

MH – DA has been lodged for additional Glentarkie units and now with independent accessor. Letter out to consultant in the next few weeks. Hope the DA is approved by the end of year. Then a Construction Certificate and then builders to commence on Stage 1.

MH – Re the Santos pipeline, there is a representative from government at the Narrabri Library this afternoon and tomorrow morning. They are here for the lateral pipeline connecting to the main pipeline.

EOH and RD discussed the presence of swift parrots being observed in the area and how that information can be registered in relevant databases. Can we have a slide on where they were?

AW – I think it's a general area described with the GPS. The surveys undertaken each year compare what is happening in the forest with what is happening in the offsets and the rehab area.

RD - This information can be registered by anyone in the Birdlife Australia Atlas while BioNet requires information being entered by an ecologist.

AW - We will look into whether our ecologists can register the information in the future on BioNet as it becomes a resourcing issue.

RD – Can BOPL enter this information into the Atlas of Living Australia so the general public can access this as BioNet is not usually a data base that the general public use or can access easily?

RD – During the pre-clearing surveys in 2022, there were 13 reptiles killed / euthanised. This appears to be a large number; what were some of the circumstances that caused such high casualties?

AW – Reptiles are difficult to see. It is only our ecologists who are licensed to euthanise them, and they are required to report that to the Animal Ethics Committee.

TM – I don't think there would have been many that were euthanised.

MN commented that receiving no paperwork makes it hard and that BCOP needs to provide reports and presentations prior to meetings.

MN – How are we going with the dialysis machine for Boggabri, Narrabri, and Gunnedah?

AW – It will take a little more time for us to work through.

DR – I spoke to WHC – they will also look into it.

CR – Re the disposal of the tyres – noted that it was good that the mine was taking the next step and doing a trial. I look forward to hearing the outcome.

ACTION 5 – AW to provide a slide on the parrots and where they were.

ACTION 6 – AW to look into feasibility of swift parrot data being uploaded.

Appendix 1: Actions

Page No	Action No	Description	Date Raised
2	1	TM to provide direct link to Audit and hard copy to MH.	26 October 2023
2	2	Boggabri Coal to ensure hard copies are provided to members.	26 October 2023
3	3	DR to invite the EPA to the next Joint CCC meeting.	26 October 2023
3	4	Present carbon cap for mines and for BCOPL	26 October 2023
5	5	AW to provide a slide on the parrots and where they were.	26 October 2023
5	6	AW to look into feasibility of swift parrot data being uploaded.	26 October 2023
6	7	BCOPL to provide Bushfire Management Plan.	26 October 2023
6	8	DR to organise further discussions at next CCC re Red Chief visiting a meeting.	26 October 2023

Appendix 2: RD's Statement on Tyre Disposal

“While BC has complied with the EPA conditions 1 to 6, Response to EPL requirement R3.5 at the Boggabri Coal Mine in regard Off Road Tyre Burial, there is no justification of the burial of 300 tyres per year simply due to cost reduction by burial, rather than the circular economy of recycling the used tyres and reclaiming finite resources.

This is a blight not just on Boggabri Coal but also EPA who have allowed this polluting of the Leard State Forest by mass ‘rubber’ burial to continue year after year with just a report saying that the company has complied with the review. A trial for off-site disposal for up to 20% of waste tyres in 2024 is not good enough.

For BC to continue with this practice simply on the grounds that it is uneconomical for the company, is a poor excuse in light of the legacy of pollution and problems in the future that generations to come will have to deal with long after BC has exited this district.

BC should have considered their position of tyre disposal prior to development consent and factored in the cost of recovery of the finite resources of these Off Road Tyres. It is not for the Environment or the local communities to have to deal with pollution from resource companies by way of cleaning up the mess after the companies have pillaged their haul of coal and made their profits and left a legacy of a ‘rubber mountain’ in place of a Tier One Old Growth Forest. “

CCC Meeting October 2023

26 October 2023



Agenda

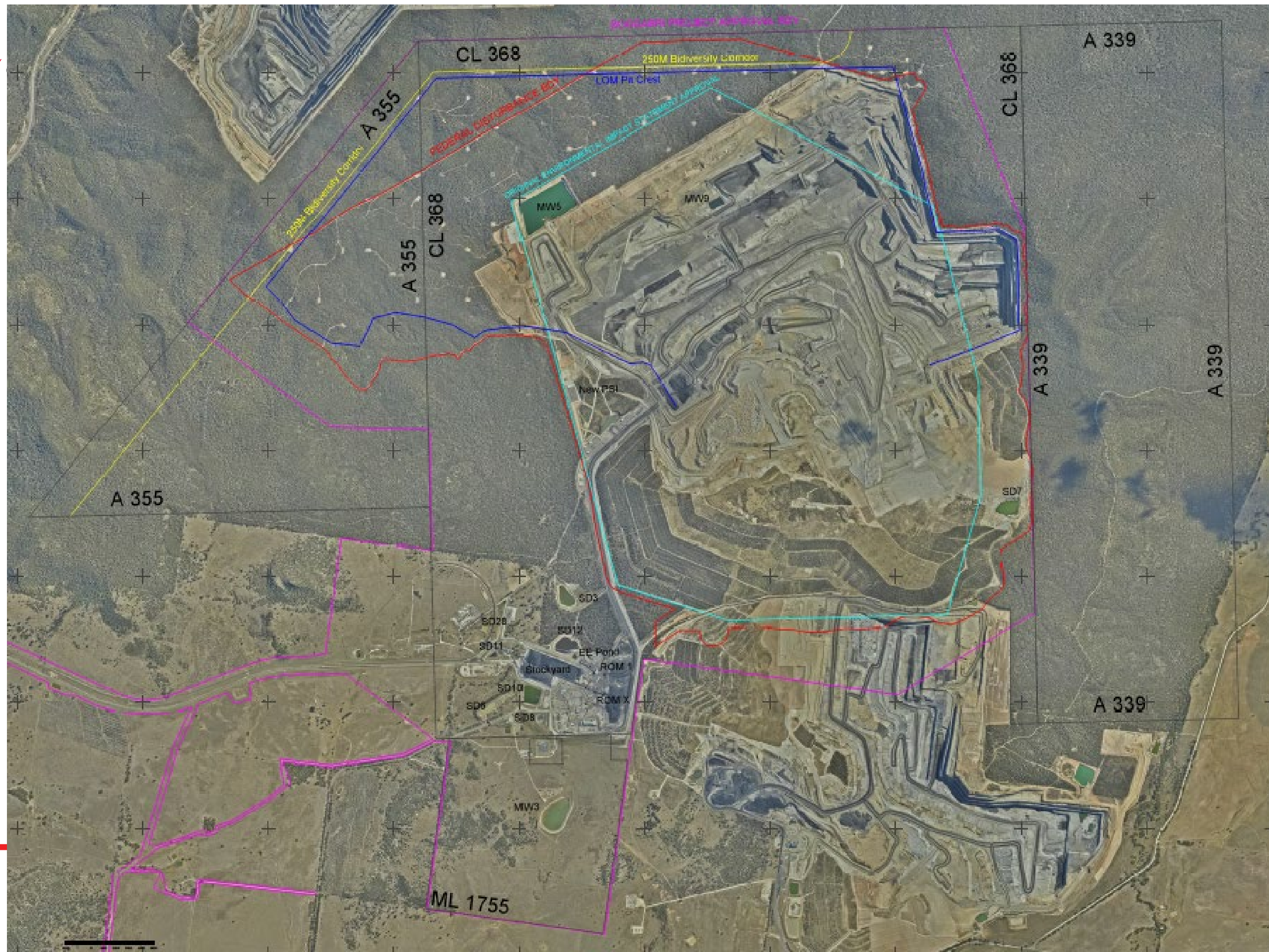
October 2023

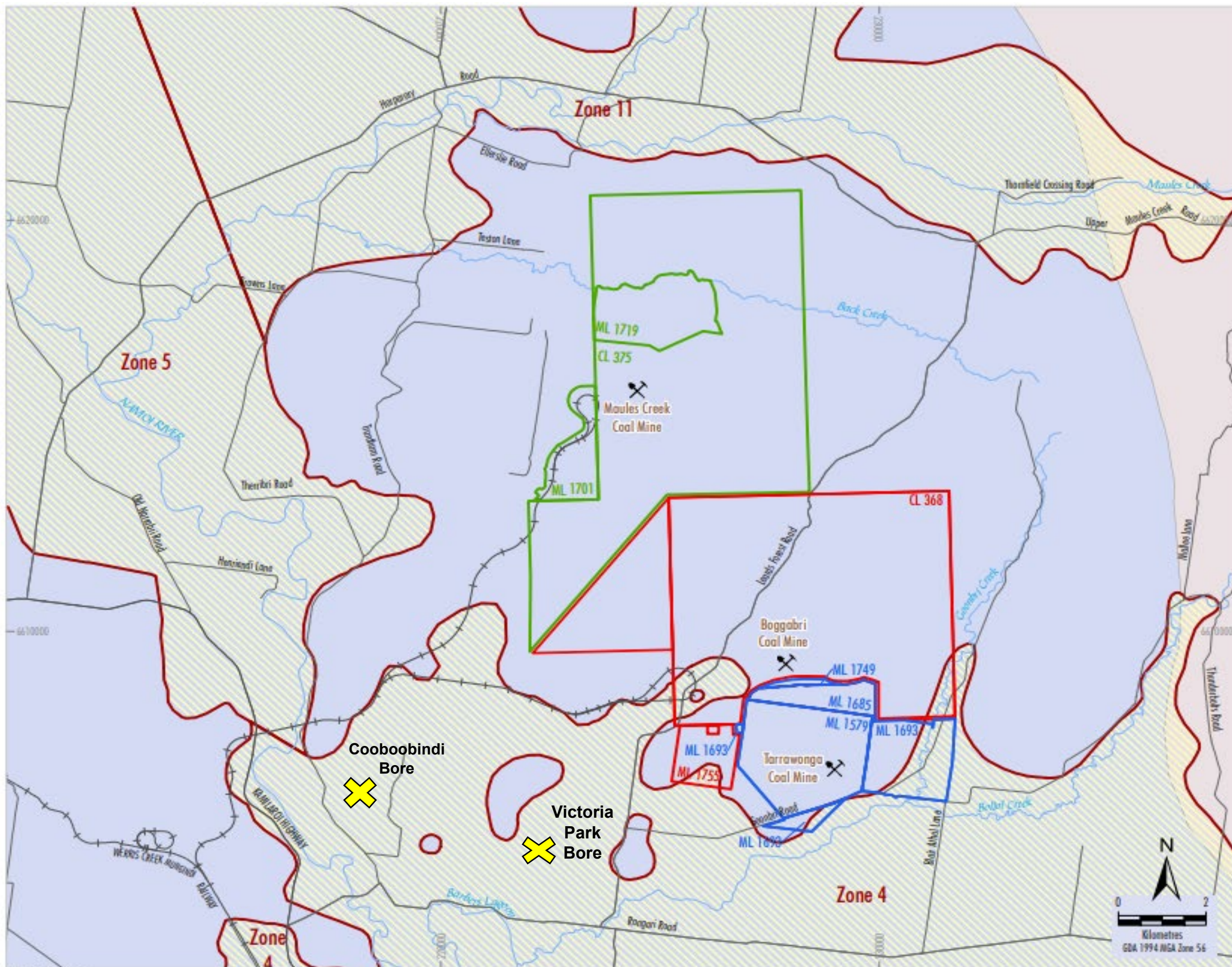


- Apologies
- Declaration of pecuniary interests
- Business arising from previous minutes
- Correspondence
- Company Reports & Overview
- General business
- Next meeting

Business Arising from Previous Minutes

Action	Action to be done	Status	Comments
1	BCO to report back on EPA licence cost. EPA license cost: March 2023 \$161,330.30	●	Provided
2	Audit link added to Minutes and hard copy to MH. Link to 2020 Audit: Boggabri Coal Mine (idemitsu.com.au)	●	Provided
3	BCO to provide map of groundwater sources and bore locations	●	Slide 6
4	BCO to forward tyre report to David for CCC to review in October	●	Provided 19/10/2023
5	BCO to discuss archaeologists report at next meeting	●	Slide 21-22
6	BCO to report back on carbon credits.	●	Slide 23
7	BCO to report back on actual names of species for 2023 tree planting.	●	Slide 38
8	AW and RG to give an update on nursing scholarship opportunity at next meeting.	●	Ongoing





LEGEND

- Mining Tenement Boundary - Boggabri Coal Mine
- Mining Tenement Boundary - Tarrawonga Coal Mine
- Mining Tenement Boundary - Maules Creek Coal Mine

Water Sharing Plan for the Upper and Lower Namoi Groundwater Sources 2003

- Alluvial Groundwater Source

Water Sharing Plan for the NSW Murray Darling Basin Porous Rock Groundwater Sources 2011

- Gunnedah-Oxley Basin MDB Groundwater Source

Water Sharing Plan for the NSW Murray Darling Basin Fractured Rock Groundwater Sources 2011

- New England Fold Belt MDB Groundwater Source

Source: Department of Industry (2019); DPI - Gunnedah Coalfield South (2013)

BTM WATER MANAGEMENT STRATEGY
 Relevant Groundwater Sources

Figure 3.3

23/24 Water Year – Water Take Volumes

Surface Water Source	Licence held (ML)	Water take to date (ML)
Unregulated - Bluevale Water Source	250	<1
Groundwater	Licence held (ML)	Water take to date (ML)
Upper Namoi Zone 4 Namoi Valley (Keepit Dam to Gin's Leap)	1028	0
Upper Namoi Zone 11 Maules Creek Groundwater source	20	0
Gunnedah Oxley Basin Murray Darling Basin Groundwater Source	842	0



idemitsu

Correspondence



Correspondence

NSW Department of Planning & Environment

- Draft conditions received for MOD 8, awaiting Commonwealth reconsideration outcome.
- Updated management plans post MOD 8 approval
- Independent Environmental Audit site visit conducted- awaiting final report.

Resource Regulator

- Resubmission of final landform and rehabilitation objectives.
- Submission of Rehabilitation Cost Estimate- awaiting approval

Correspondence

Environment Protection Authority

- Submitted monthly attended noise monitoring reports.
- Submitted National Pollutant Inventory report.
- Submitted Tyre Recycling report. EPA approved the continued disposal of end-of-life heavy vehicle tyres for a further 2 annual reporting periods.

Biodiversity Conservation Trust

- Regular progress meetings are being held regarding Conservation Agreements.
- BCO received extension until 30/06/2024 to execute conservation agreements.
- Group 1 CAs awaiting final internal signatures.

Correspondence

Forestry Corporation of NSW

- Reviewing compensation agreement for A355
- Finalising Forest Permit and Exclusive Use Rights

Department of Agriculture, Water & Environment

- Nil

Narrabri Shire Council

- Ongoing consultation on housing commitment.

NSW Natural Resources Access Regulator (NRAR)

- Entered into an Enforceable Undertaking (EU), first quarterly monitoring report submitted.

idemitsu Company Reports and Overview



2023 Overview

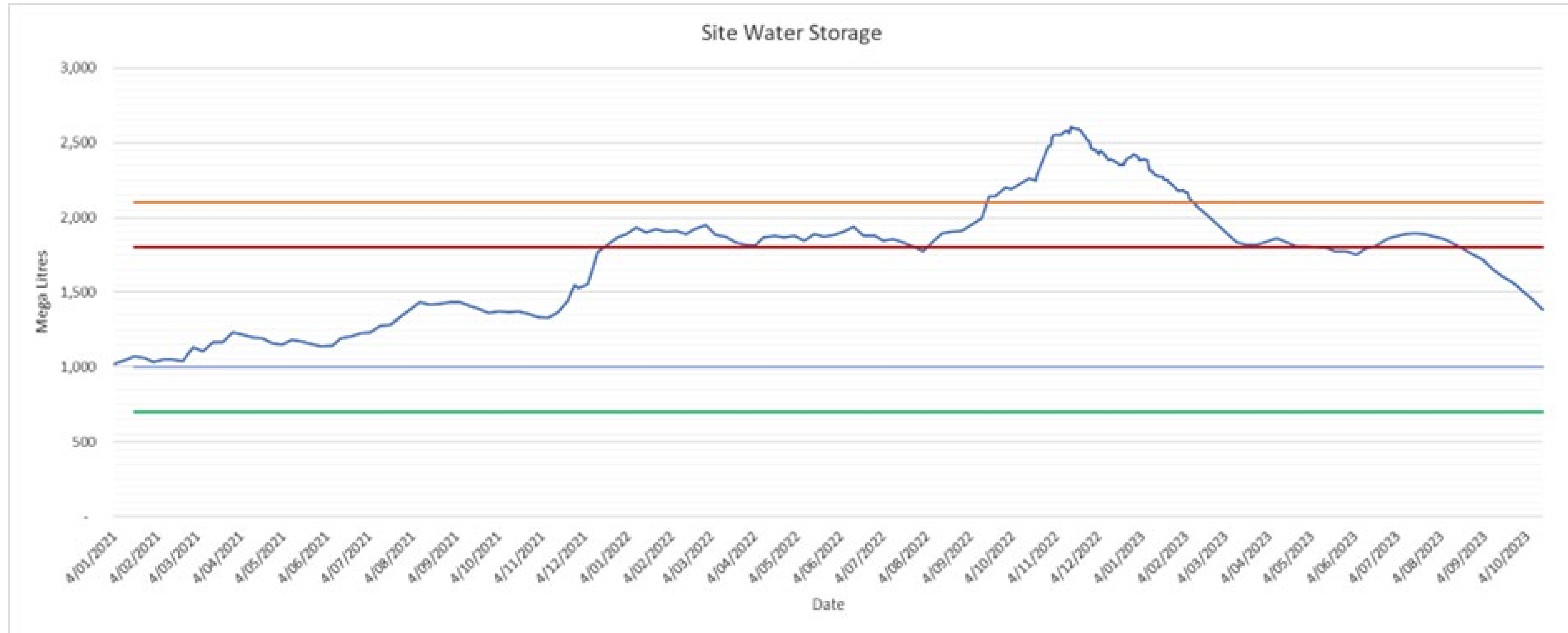
Production Targets

Metric	2023 YTD
Total Waste (Kbcm) Waste moved	49,966,562 tons
Coal Mined	6,477,041 bcm

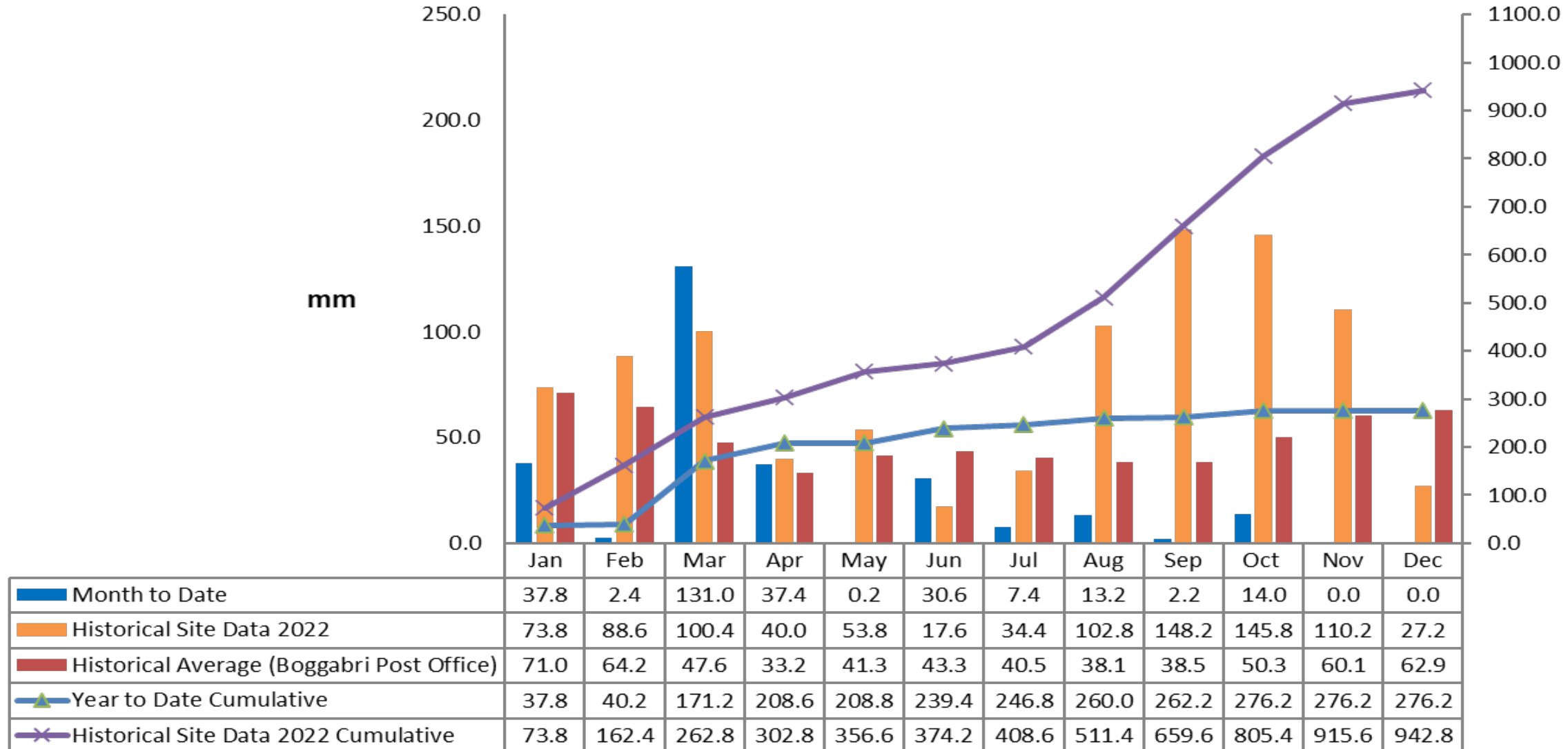
- Absenteeism remains an issue.
- Skill shortages across a broad range of functions on site.
- Reviewing attraction and retention strategies.

Key Projects

- Construction of additional Pre Start Facilities completed.
- Expansion of workshop and warehouse, design has commenced
- Reviewing flood mitigation opportunities
 - Rail access
 - Walkway on existing viaduct
- EA negotiations currently underway.



YTD Rainfall 2023



2023 HV tyre disposal

- 2022 EPL reporting period – 300 Tyres buried
- 2023 EPL reporting period – 213 tyres buried to date
- Next disposal planned for Q4 2023

EPL reporting period is 11th Jan – 10th Jan

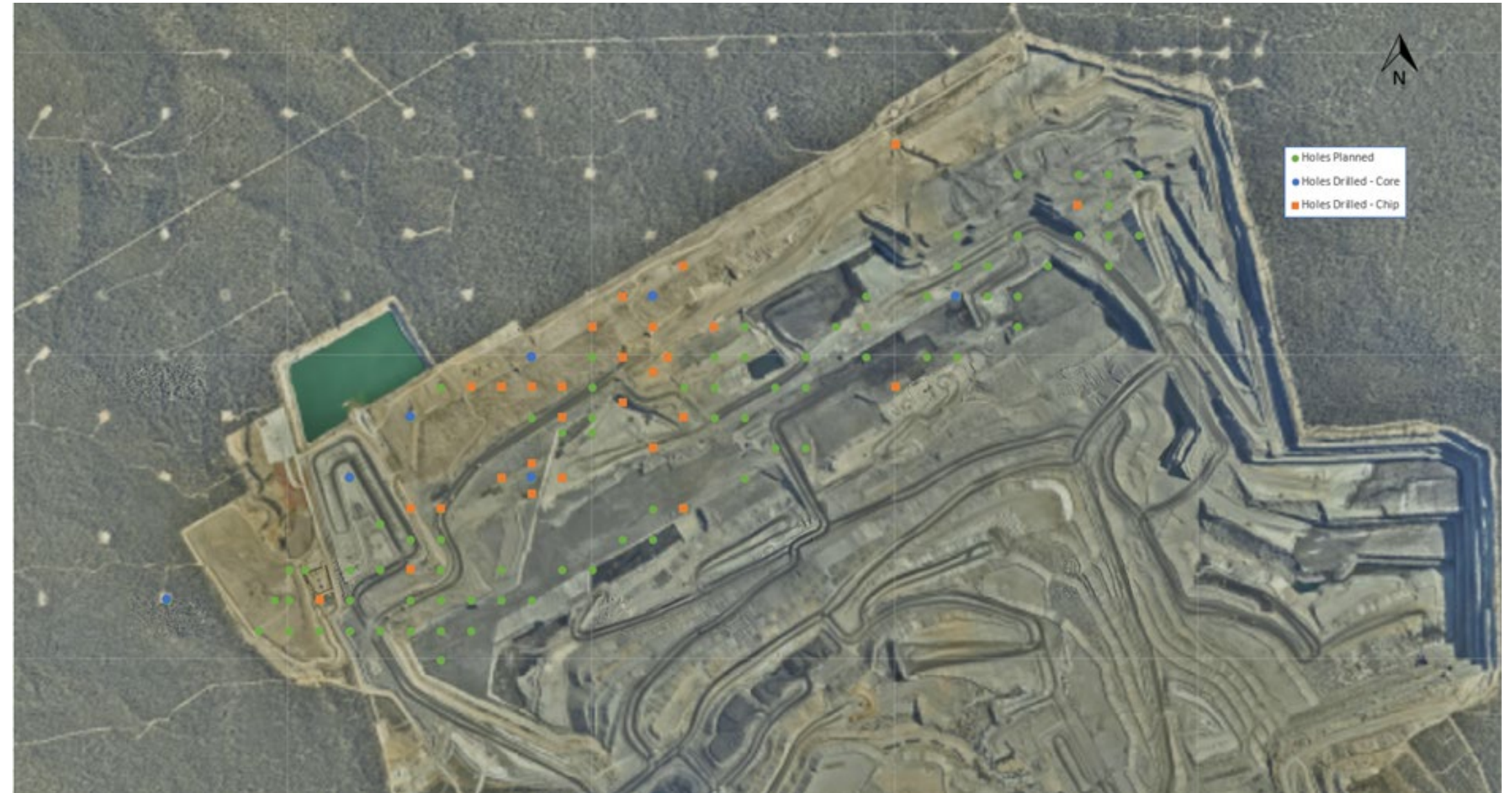
Recycling update

- Idemitsu are a member of the NSW Minerals council Tyre Stewardship Working Group.
- A review of available recycling options for end of life HV tyres was submitted to and approved by the EPA in October.
- BCO is planning to trial off-site disposal for up to 20% of our tyres in 2024.



Exploration Update

- 109 exploration holes planned for drilling in 2023 & 2024. 48 Drilled to date in 2023
- 11 Core holes (coal quality) drilled
- 37 Chip holes (coal structure) drilled
- Blue – 2023 structure and quality holes
- Orange – Large diameter Quality holes



Archaeological Salvage Program

- BC54 archaeological salvage program recommences 24/10/2023 for 6 weeks. This will coincide with an assessment of the 2024 tree clearing area.

Carbon credits

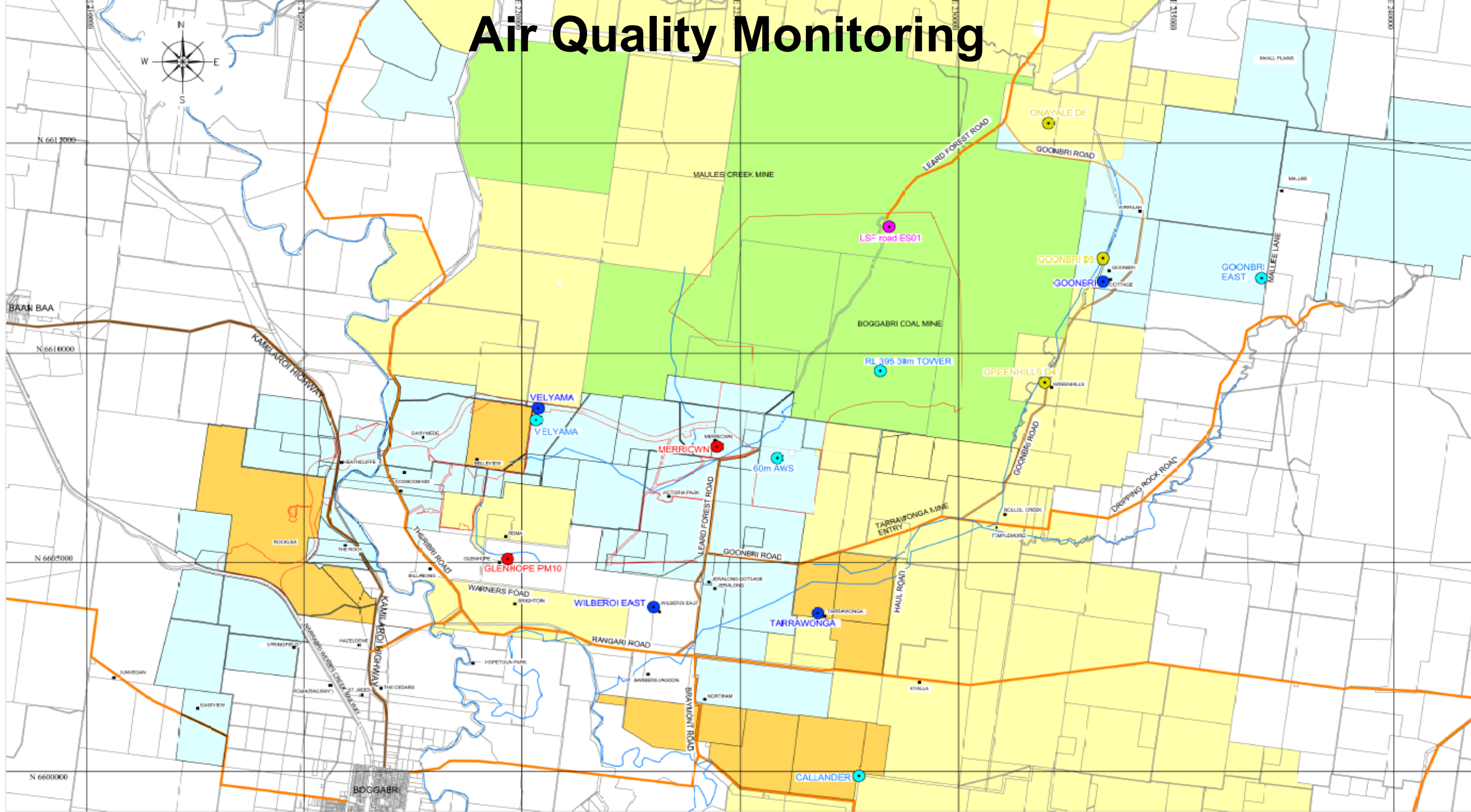
Boggabri Coal has no need to source Carbon Credits

Nevertheless we are exploring multiple initiatives to decrease our carbon dioxide emissions, Projects being evaluated

- An electric Railveyor system, potentially reducing the number of Haul Trucks operating in the mine.
- Bio and other sustainable fuels.
- Hydrogen injection on mobile plant, reducing the amount of diesel consumed, with a resultant reduction in emissions.
- Changes to in-pit traffic hierarchy, which will result in less load Haul trucks, reducing fuel burn and emissions.

Boggabri Coal are also conducting research into carbon farming on areas of landholdings not covered by our Biodiversity Conservation Agreements.

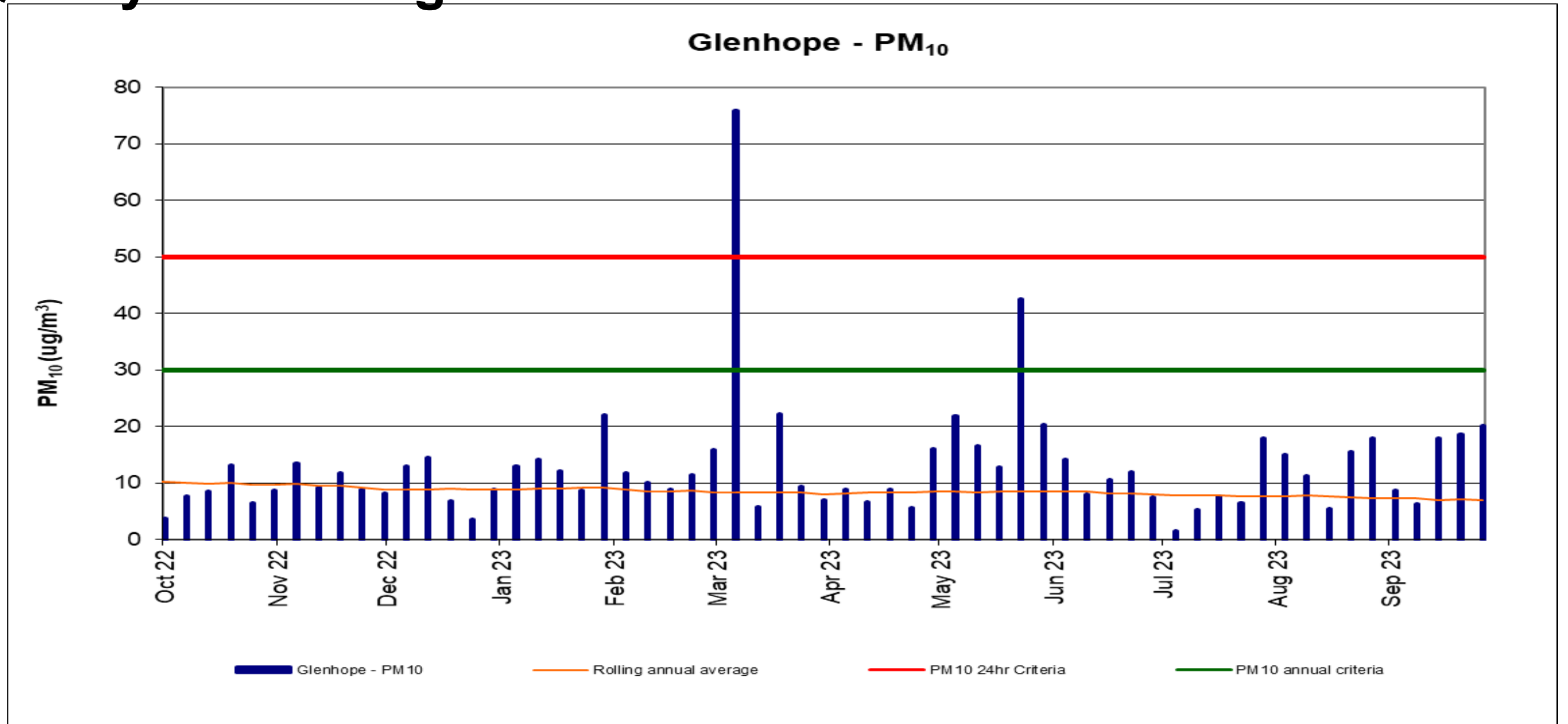
Air Quality Monitoring



<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>REVISIONS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	REVISIONS	DATE				<p>General Legend</p> <ul style="list-style-type: none"> ● Meteorological Station ● TEOM ● E-Sampler ● Dust Monitoring ● High Volume Air Sampler ■ Residue / Property name — Creek / River — Roads — Kamiliaoi Highway 	<p>QUALITY RECORD</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REVIEW</th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>NIC GARDNER</td> <td></td> <td>23/21</td> </tr> <tr> <td>DWG CHECKED by</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Property Ownership</p> <ul style="list-style-type: none"> Boggabri Coal Boggabri Coal & Whitehaven Coal Mining Whitehaven Coal State Forest Boggabri Coal Project Approval Boundary 	REVIEW	NAME	SIGNATURE	DATE	DRAWN	NIC GARDNER		23/21	DWG CHECKED by				<p>SCALE</p> <p>See Grid (5000m)</p>	<p>FILE RIF: Air Quality Monitoring locations 23021.dwg</p> <p>PLOT FILE: Air Quality Monitoring locations 23021.pdf</p> <p>ORIG. FILE SIZE: A3</p>	<h2 style="margin: 0;">Boggabri Coal Operations</h2> <h3 style="margin: 0;">Air Quality Monitoring Locations</h3> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr> <td style="width: 50px;">DRAWING NO:</td> <td>23021b</td> </tr> <tr> <td>REV</td> <td> </td> </tr> </table>	DRAWING NO:	23021b	REV	
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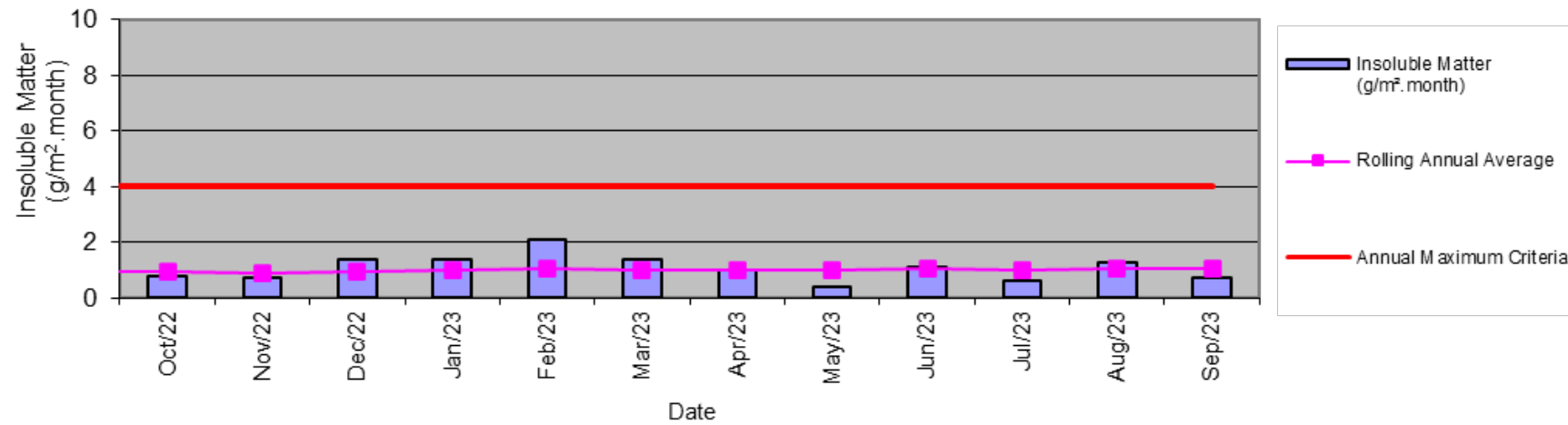
Completion of the Quality Record is evidence that the drawing has been verified conforming with the requirements of the Quality Plan. Where the Quality Record is incomplete all information on this drawing is intended for preliminary purposes only as it is unchecked.

Air Quality Monitoring

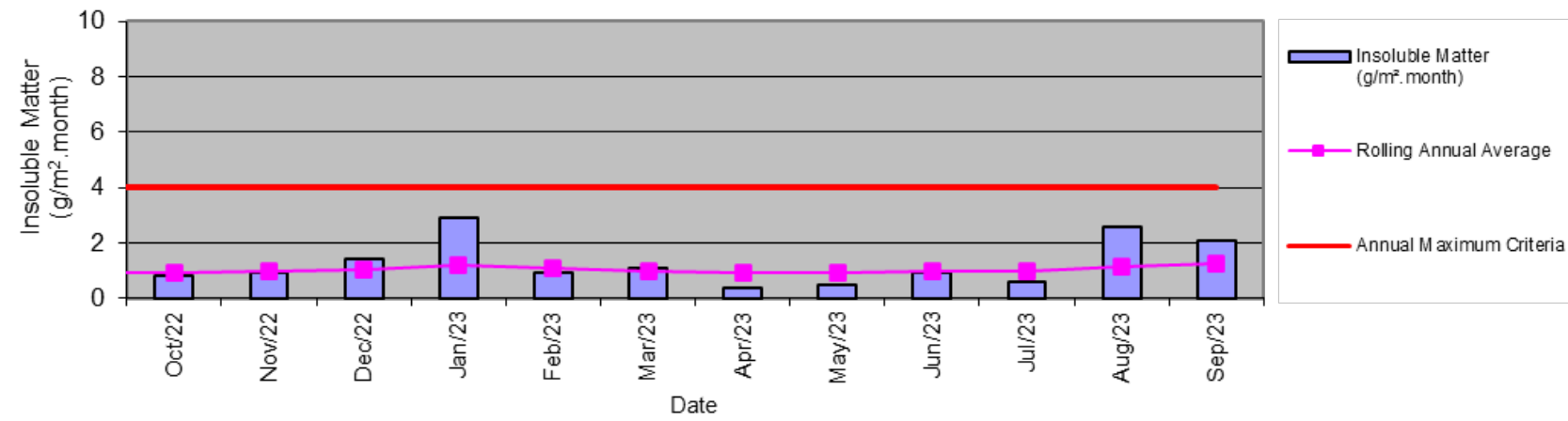


Air Quality Monitoring

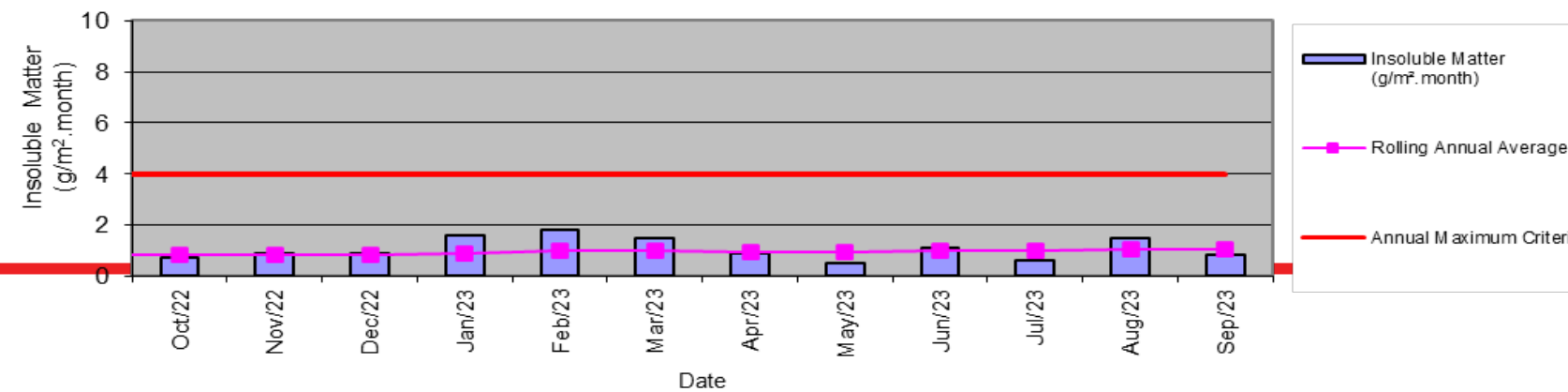
Dust Deposition Gauge D4 - Greenhills



Dust Deposition Gauge D5 - Goonbri



Dust Deposition Gauge D6 - Onavale



Bore Extraction Since Previous Meeting

No groundwater extraction from the bore field has occurred in since 24 May 2022.



General Business



New to Industry (NTI) Employment



- In 2022, 71 NTI operators commenced training at BCOP.
- In 2023, 10 NTI operators commenced training at BCOP.
- An NTI recruitment process commenced in September for intake in 2024. Over 400 people applied, intake to be confirmed but approx. 64 will attend assessment centres in October. Local applicants were prioritised for the assessment centre process.
- 4 workshop apprenticeships (2 mechanics & 2 electricians) are being offered for intake in 2024 via HVTC, ongoing advertisement.

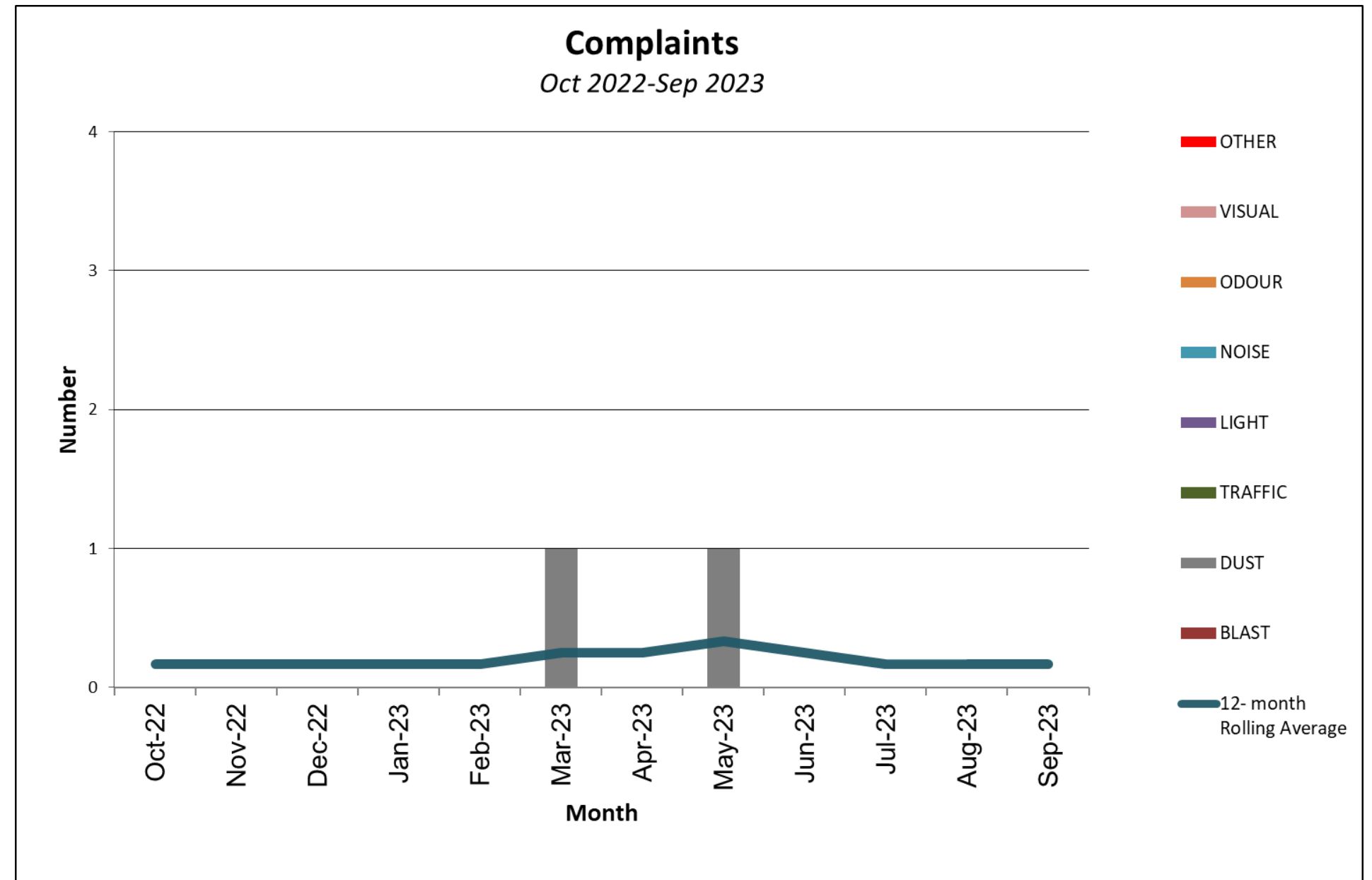
Modification 8 Amendment Update

Current status

- Draft conditions were received from DPE late August for review.
- Further clarification relating to noise assessment and water take were received and responded to.
- All RFI's are now addressed and closed.
- Current action remains with DPE for finalisation of Assessment Report and conditions (anticipated by end of 2023).
- Consultation continues with both the NSW DPE and Commonwealth DCCEEW to finalise all approvals for MOD8.

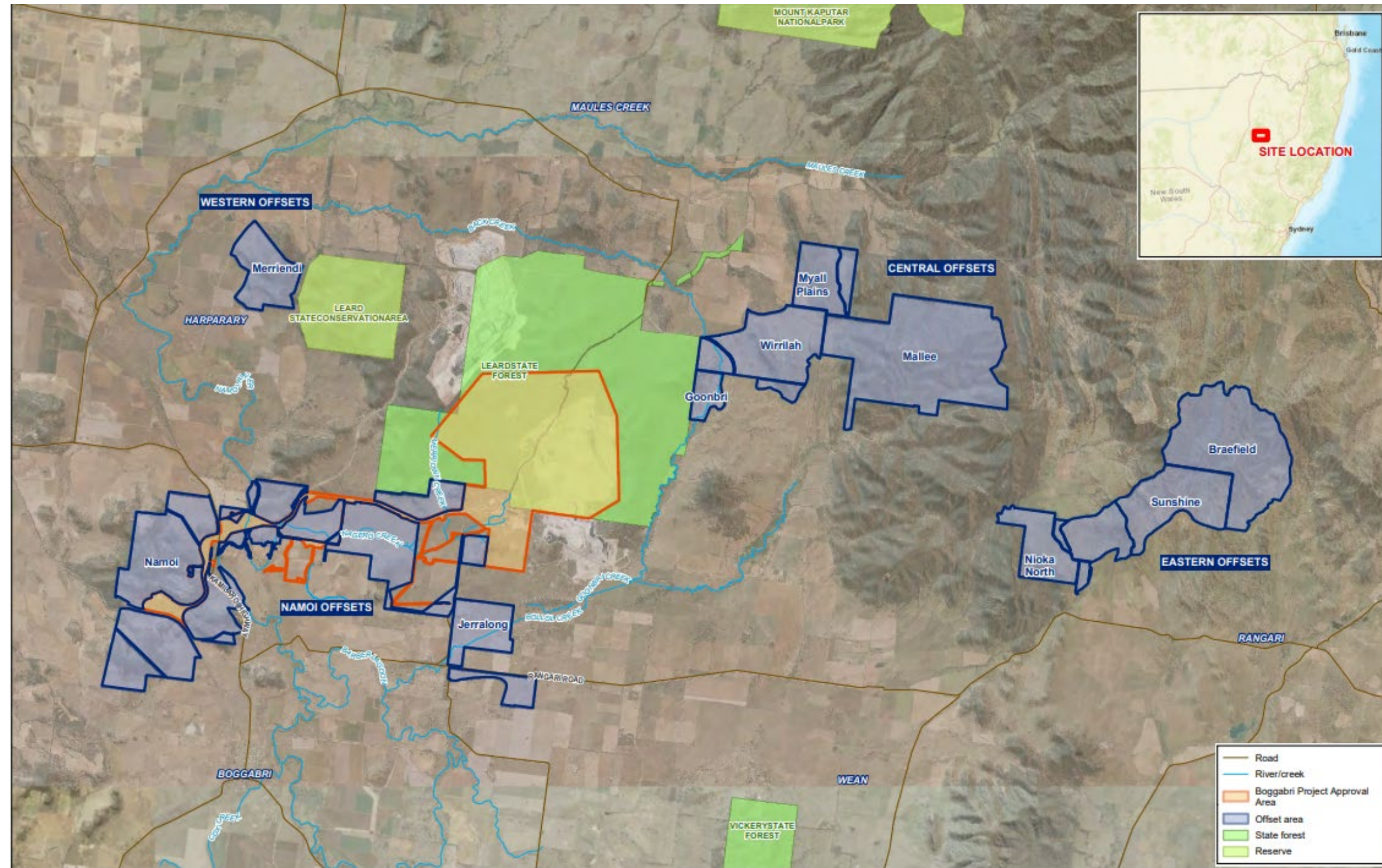
Community Complaints

Two complaints made via the EPA in March & May 2023. Complaints were made about cumulative dust to all mines in the BTM.



Biodiversity Offset Areas

- Pest management program planned for October-December.
- 105,000 tube stock ordered for the 2023 tree planting program. To be planted on the Jerralong & Northam Property.
 - Plant Community Type 88 - Pilliga Box, White Cypress Pine, Buloke shrubby woodland in the Brigalow Belt South Bioregion.



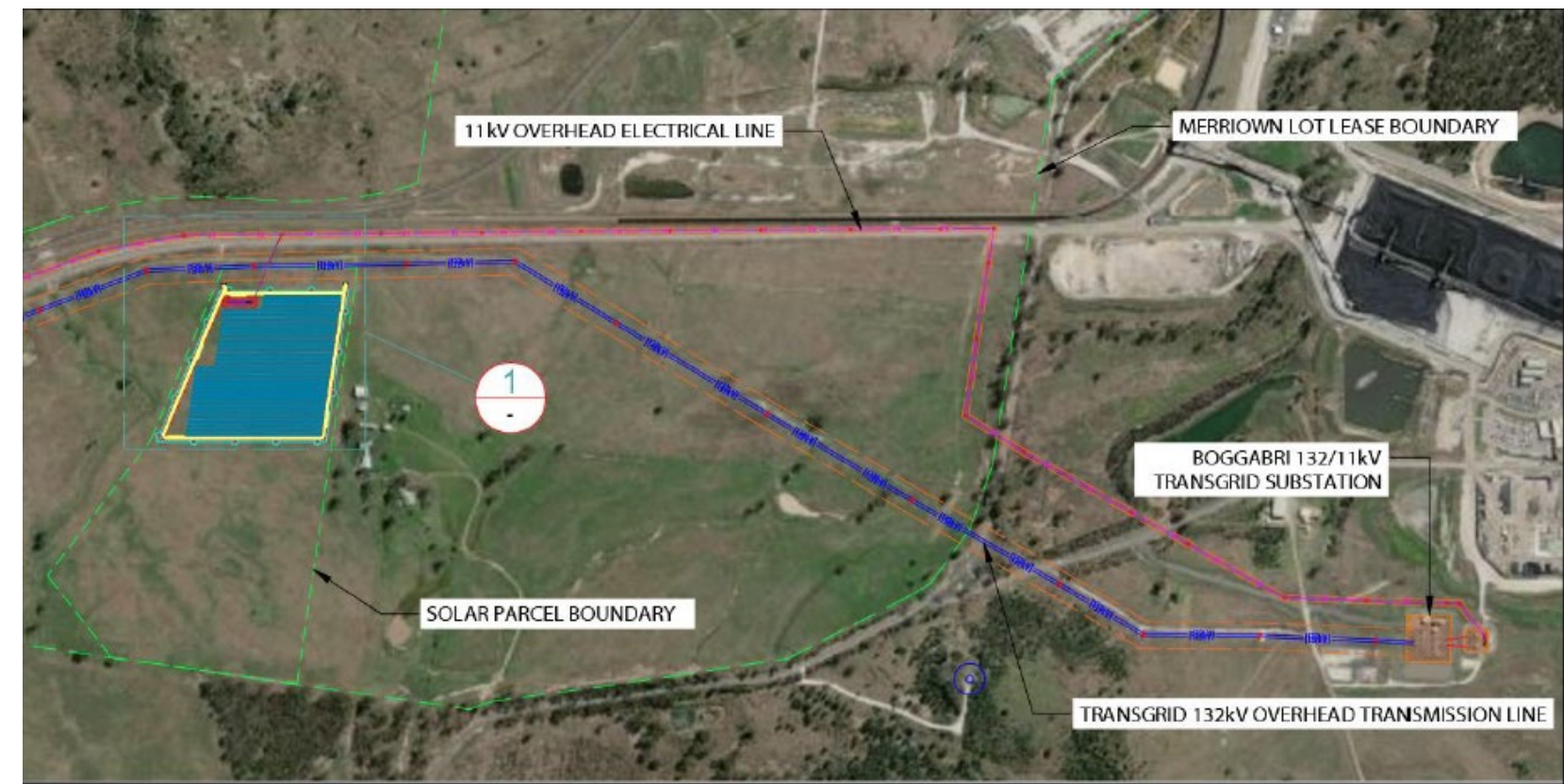
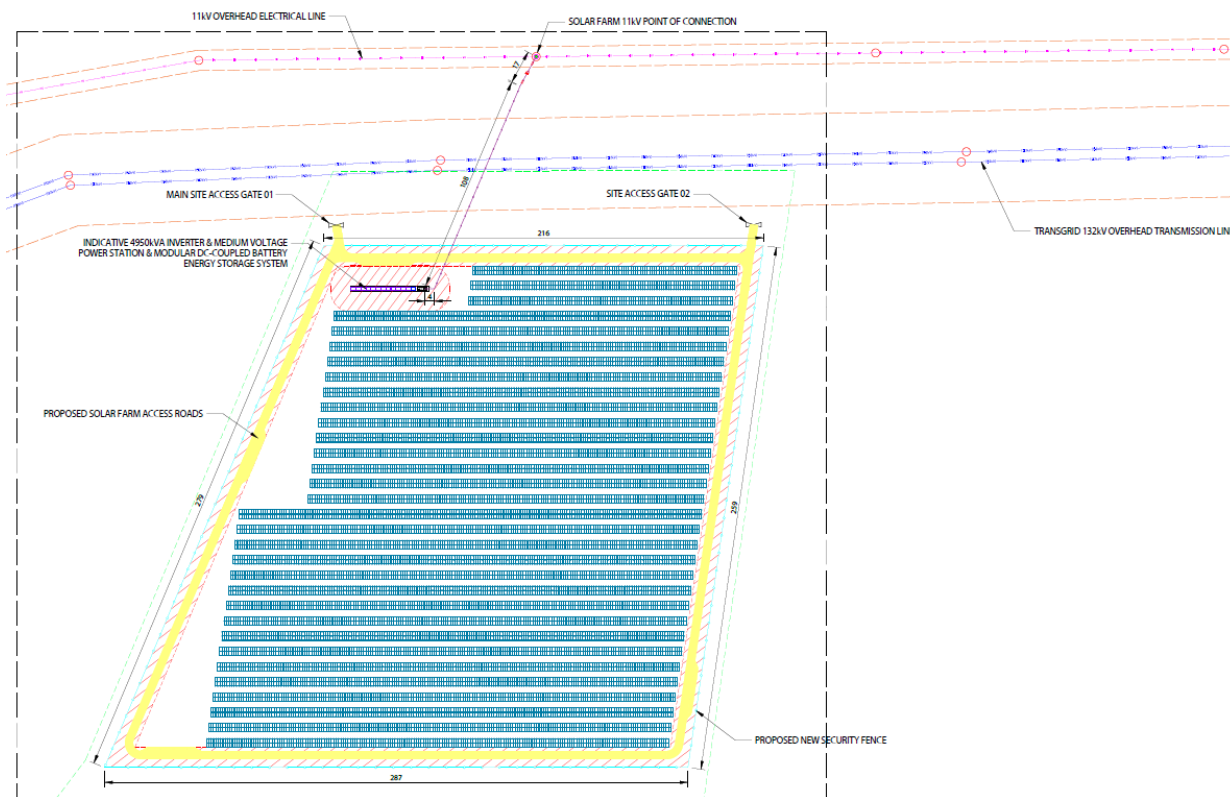
2023 Rehabilitation

- 47ha requires bulk shaping, topsoiling and revegetation.
- 28ha requires minor topsoil/revegetation work.
- Direct seeding to commence in late October/early November.



Solar Farm Update

- Design works have moved towards finalisation.
- Progression of approval pathway is continuing.
- Remaining cultural heritage works to recommence end of November



Housing VPA update

- Development Application for Glentarkie submitted 3rd October
- Construction to commence Q2 2024.



Sponsorship 2023

- Formal process for reviewing and approving requests.
- Sponsorship committee meets monthly to consider applications.

2023 Sponsorship	YTD	Budget
Westpac Helicopter Partnership	\$ 30,000	\$ 30,000
Gunnedah Show	\$ 20,000	\$ 15,000
Boggabri Drivers Camp fire	\$ 20,000	\$ 20,000
Maules Creek Campdraft	\$ 5,000	\$ 8,000
Narrabri Carp Muster	\$ 5,000	\$ 5,000
Boggabri Carp Muster	\$ -	\$ 5,000
Boggabri Rugby League	\$ 10,000	\$ 5,000
Manilla Show	\$ 4,545	\$ 2,500
Unallocated/Discretionary	\$ 68,565	\$ 109,500
Total	\$ 163,110	\$ 200,000

Discretionary sponsorships including

- Black “n” Blue Youth Centre
- Gunnedah District AFL
- Sacred Heart Boggabri

Questions?

