

**Minutes of the Mount Thorley Warkworth
Community Consultative Committee Meeting Q4 2023**

Date: Wednesday 22 November 2023

Location: MTW

Time: 2pm – 4:30pm

Attendees

Colin Gellatly (CG - Chair)

Gary Mulhearn (GM)

Joshua van Bezouwen (JVB)

David Bennett (DB)

Hollee Jenkins (HJ)

Barb Brown (BB)

Denis Maizey (DM)

Stewart Mitchell (SM)

Ian Hedley (IH)

Cate Sims (CS)

Role

Independent Chairperson MTW CCC

MTW Environment & Community Manager

MTW Environment & Community Advisor

MTW General Manager

Singleton Council Representative

Community Representative

Community Representative

Community Representative

Community Representative

Visitor from Upper Hunter Mining Dialogue (only present for UHMD section)

1. WELCOME

- CG opened the meeting and welcomed CCC members.

2. APOLOGIES

- Neville Hodgkinson had previously advised he would attend by video conference, but did not attend.

3. DECLARATION OF PECUNIARY INTEREST / CONFLICT OF INTEREST

- **Standing Declarations:** CG is engaged by MTW to provide the services of Independent Chairperson.
- CG reminded the CCC on the requirement for members to declare pecuniary and non-pecuniary interests, with details shown on presentation screen, and asked members at the meeting if they have anything to declare. None were declared.
- GM explained that the declaration of pecuniary interests / conflicts of interest and code of conduct forms has been updated as per the updated CCC guideline that had been distributed. An overview of the declaration of pecuniary interests / conflicts of interest form and code of conduct form was presented GM reminded all CCC members need to review and provide signed copy of the documents to MTW.

4. BUSINESS ARISING

Action Items arising from the 23 August 2023 Meeting

Refer to **attached** CCC presentation for previous actions, and relevant response / update made by MTW. Other notes of relevance discussed during the meeting in relation to Business Arising are below.

- GM explained MTW have not identified an independent minute taker and will carry forward the action. SM asked why this had not been completed yet, GM advised that they need to get the correct person for the minutes. DM asked that an independent minute taker be actioned as he did not think it was a good look for the meeting. SM questioned if there was a proper minute taker available in the business or outside such as a sonographer that can capture the exact words in the minutes. SM explained that he did not agree with the recording of the meeting and thought that misinterpretation of words is being recorded in the minutes and the online video call was causing confusion during conversation. CG advised that the recording of minutes is factual and important allowing confirmation of conversation, the online video call there is no alternative and that is the risk of having people in person and online. GM advised he has reached out to book keeping business to try and find someone suitable that can build a relationship with the CCC. DM explained that he thinks the minutes should be accurate and members of the community are asking him about things in previous CCC minutes with his name on the comment asking if that what he said. HJ questioned when people are receiving the draft minutes they can provide comments. DB advised that we will make an effort to find a suitable person.
- BB asked what the number of aboriginal and female people at MTW. GM advised that they do not record how many aboriginal people are employed, the number of female employees is provided in the Yancoal Environment, Social and Governance Report (link provided in presentation).
- HJ asked if the external noise monitoring is completed at random. GM confirmed the external noise consultant does not tell MTW when the monitoring is being completed. Monitoring is completed once a month and they only tell us when monitoring is completed and if there are any issues.
- DM asked if the noise monitoring is up to the judgment of the person completing noise monitoring to get the noise level and why he cannot get the same reading on his veranda. DM also asked if DPE or the EPA were to come out would they get the same noise reading. GM advised that all noise monitoring should be completed the same with the same process followed. The person completing the monitoring assigns the noise based on the direction it can be heard.
- SM asked if the site needs to comply with the document Noise Policy for Industry. GM advised yes MTW needs to comply with this document. SM asked if the site needs to abide with the noise additions such as low frequency and tonal penalties. Stewart read through the policy requirements. Gary advised that yes the site does measure for noise penalties at the monthly compliance noise monitoring and results are provided in the monthly environmental monitoring (MEMR) reports. SM asked how many dB is added for a penalty, GM advised that it depends based on the measurement, penalties can be 2dB or up to 5dB.
- HJ asked if operational changes are proactive or only reactive waiting for measurement to go over the limit. GM advised that we do not wait for measurements to go over, we are out there every night and review the weather forecast completing monitoring before levels are over limit.
- DM asked about the Wambo Road Noise alarming before it reaches the limit. GM confirmed that yes the Wambo Road monitor provides a yellow alarm to indicate noise level is approaching the limit. DM asked why on Insite monitoring is not always listed for Wambo Road. GM confirmed that MTW has a core monitoring location and we choose what location monitoring is completed. DM asked how MTW can be proactive if the noise monitors are only an indicator. GM advised they advise of the noise level the monitor has recorded allow MTW to respond to the noise alarm and validate if the noise is from the mine or an external source.
- BB asked if the people completing the noise monitoring is independent. GM confirmed that yes, the monitoring is completed by an independent company called EMM. Monitoring is completed monthly by qualified acousticians with equipment even more accurate than what MTW use. BB asked if the people

completing the monitoring live in the area or they drive. GM advised he is unsure where the people live and thinks they would drive here to complete monitoring.

Action 1: MTW to progress identification of an independent minute taker.

5. CORRESPONDENCE

- 22/08/2023 – MTW Community Support Program 2024 - Applications Open
- 21/09/2023 - MTW CCC Q3 2023 - Draft minutes
- 11/10/2023 - MTW CCC Q3 2023 - Minutes endorsed by Chair
- 11/10/2023 - NSW EPA Bust the Dust air quality community drop in event
- 3/11/2023 - CCC Action - MTW Economic Contribution
- 14/11/2023 - MTW CCC Q4 2023 - Weds 22 November 2023 2pm
 - Business Papers and Agenda for Q4 2023 meeting
 - Updated CCC Guideline with Code of Conduct Forms, Declaration of Interest forms, and Terms of Reference template
 - MTW CCC Terms of Reference
- 20/11/2023 – MTW 2022 Annual Review report

6. CONFIRMATION OF THE PREVIOUS MEETING'S MINUTES

- Confirmed at the meeting by CG.

7. PROPONENT REPORTS AND OVERVIEW OF ACTIVITIES

MTW Operations

Refer to presentation

- DB provided business update regarding operations and production.
- SM asked if the final voids will comply with the EIS. DB advised yes the intent is to comply with the EIS commitment. DM asked if the EIS is going to change. GM advised that in the EIS Warkworth South Pit is marked to be a void in the final landform, however we had changed the final landform in this area to backfill this void and are doing so.
- BB asked about the predicted time period of 1000 years that it was expected for the final void to fill. GM confirmed that was correct there is a ground water model that predicted the water depth that water would equilibrate at in the void over a 1000 year period. GM advised that type of groundwater modelling had been conducted in both the pits (WML and MTO).
- BB asked if was possible to get an update on the final landform design. GM advised that we can provide a the final landform that has been sent to the resources regulator and will be publicly available.

Action 2: MTW to provide final landform to CCC members.

North Out Of Pit Dam (NOOP)

Refer to presentation

- An aerial photograph of the current progress was shown. GM advised not much activity in the NOOP in recent times, only small blasts are able to be completed due to the size of the work area. Planning to be working in there to complete the project in early 2024.

Modification – WML Workshop Modification Update

Refer to presentation

- GM provided update of workshop construction and advised that the civil works have been completed, cranes installed and sides and roof sheet cladding installation commenced. Completion of the new workshop expected Q1 2024.

Exploration

Refer to presentation

- GM provided an update on exploration for 2023 and into 2024.
- SM asked if the track is the extent of disturbance. GM confirmed that the Watts track (the constructed rural fire service track) is the western extent of disturbance.

Monitoring

Refer to presentation for data – YTD 2023

- JVB presented equipment downtime / Community Response Officer (CRO) noise assessments and operational downtime for nights above noise limits, with noise reduced below noise limits within 75 minutes on each occasion.
- HJ asked if there was a reason there has been an increase in assessments above trigger level. IH noted the ridge has been decreasing as mining progresses that could be a factor for noise having noticed this at time due to equipment location. GM agreed that IH's comment was fair and it was up to MTW to manage the noise. DB explained the increase in noise assessments above trigger level this year in comparison to previous years could be attributed to the last few years having been considerably wet with equipment parked up due to wet weather in comparison to weather conditions this year. GM advised we would need to investigate if there is a trend.

Action 3: MTW to investigate trend of increase in noise assessments above trigger level.

Rehabilitation / Disturbance 2023

Refer to presentation

- GM advised that 90Ha of rehabilitation is planned for 2023, outlined where the areas are targeted in 2023, and discussed progress to date.
- GM present a series of photos showing the progression of rehab on site, noting rehabilitation was right up to the edge of active dumps.
- GM advised that the disturbance target for 2023 was 90 Ha and outlined where these areas are proposed, and discussed progress to date 97.3 Ha due to additional rehabilitation disturbance to allow dumps to progress at South Pit and more disturbance was needed than originally planned to permit the construction of new sediment dams.

- DM asked what you are normally allowed to disturb. DB advised it is approximately 100m to allow the benches to progress. DB advised that disturbance will slow down as we get closer to the western boundary and rehab number will be more than disturbance in the future. DB mentioned it seems like a large area creating dust. GM advised that the high walls have now been able to be laid back due to the wet weather and approvals slowing down production in the previous years.
- SM asked why such a large area had been cleared and why it is needed. DM advised that it comes back to the wet weather delaying production in previous years and now catching up.
- SM asked if the RFS have had to access the track west of Mining. GM advised that it has not needed to be used by external agencies, and the intention is that it is available for the RFS to use when needed following an established access protocol. SM advised that it is a crazy requirement for the RFS to access to respond. GM advised that is the RFS protocol
- IH asked if there is anything that can be done to better move the dusty material in the pre stripping area that he described as white powder. GM advised that it has also impacted production and often needed to park up equipment. DB advised that they are continuing to progress that area to remove the material to get down to rock material.

Vertebrate Pest Management 2023

Refer to presentation

- GM advised control programs completed so far in 2023 at MTW and in the biodiversity areas with works ongoing.
- GM present photos of some of the fauna observed in the offsets.

Weed Management 2023

Refer to presentation

- GM provided overview of weed management activities within operational and offset areas.

Cultural Heritage & Historic Heritage

Refer to presentation

- GM provided an update on the next tasks for the approved conservation agreements for Wollombi Brook Aboriginal Cultural Heritage Conservation Area and the Loders Creek Aboriginal Cultural Heritage Conservation Area.

Business Papers

- Business papers were provided to CCC members prior to the meeting, including a summary of; Complaints, Incidents, Environmental Monitoring, Rehabilitation, Website Uploads and Community Investment Update. MTW Monthly Environmental Monitoring Report (MEMR) for June 2022, July 2023, and August 2023 were provided. September to be provided at a later date.
- DM asked question about blasts he thought were high readings around 3 mm/s vibration. DM read out the results from the blast on the 13/06/2023 and thought there is discrepancies in the readings. GM advised they are different location, and we trust in the readings the monitors provide. GM advised we are approved to blast up to 5% of results between 5 and 10 mm/s and all other results to be under 5mm/s. DM expressed his concerns for the readings and thought there is a relation to the location of blasts. JVB advised monitors are calibrated on a routine schedule. GM advised that we will check the monitors and calibration per DM's request.

Action 4: MTW to check blast monitors and calibration of blast monitors in the Bulga area.

Management Plans / Reporting

- **Hunter River Salinity Trading Scheme (HRSTS) Annual Reports** - On 23/08/2023 and 25/08/2023, HRSTS report for period 2022-2023 submitted to EPA for WML EPL1376 and MTO EPL1976 respectively.
- **Management Plan Updates** - updates to the Water Management Plan, Blast Management Plan and Noise Management Plans submitted on 29/08/2023.
- **Independent Environmental Audit** - The 3 yearly independent environmental audit report was submitted to DPE on 4/8/2023. An updated response to audit findings was submitted to DPE on 21/09/2023. The response provided context on the non-compliant findings of the audit, and provided an updated response to the audit recommendations. On 22/11/2023, DPE advised the audit report satisfies the requirements of consent.
- **Mount Thorley Coal Loader EPL24 Annual Return** - On 25/09/2023, the MTCL Annual Return was submitted to EPA.
- **National Pollutant Inventory Reports** - On 28/09/2023, the National Pollutant Inventory reports for MTW and MTCL were submitted to EPA.
- **National Greenhouse and Energy Report** - Report for 2022-2023 submitted to the Federal Government Clean Energy Regulator 26/10/2023.
- **Annual Review Report** - On 20/11/2023, DPE advised the Annual Review report satisfies the reporting requirements of the consents.

MTO Environment Protection Licence Variation

Refer to presentation

- GM provided overview of approved EPL boundary change to allow update and cross lease overburden emplacement to Bulga Coal. Cross mining lease emplacement is completed, and Bulga Coal also require one MTW Dustrak monitor to be moved from their property to enable overburden emplacement.
- An EPL variation will be submitted to align the mining lease boundary and move the Dustrak location.

8. OTHER AGENDA ITEMS

Upper Hunter Mining Dialogue Update (*note: this was presented first during the meeting to permit the UHMD representative to depart after her presentation*)

Cate Sims (CS) from the Upper Hunter Mining Dialogue presented a presentation with an update. Refer to presentation.

- HJ asked who the Upper Hunter Mining Dialogue is funded by. CS advised the Dialogue is funded by the NSW Minerals Council and advised they have a strict mandate that they are to maintain a neutral position and provide factual information bringing everyone together.
- DM asked about the feasibility of farming on rehabilitated land as he had spoken to a few advising it is not for them and other saying yes. CS agreed with DM that it is not for everyone and highlighted the importance of the involvement of farmers in rehabilitation to produce productive agricultural land.
- HJ asked what other post mining land uses are other than farming. CS advised the industry is working on projects such as pumped hydro, recreational land, tourism with mines in Muswellbrook getting closer to closure then in the lower valley. CS advised that mines up the valley are highly engaged in developing post landform land uses. GM advised that Yancoal is developing concepts for the Stratford Duralie site to a renewable energy hub and the Premier mine in WA has a reactional lake an old pit void.

- BB asked who the biggest users of water in the Bulga, Broke and Milbrodale area. CS advised that she is not aware and will need to come back to BB with that information.
- BB asked if the dialogue undertakes any testing of the water. CS advised that the dialogue do not complete any sampling, and that mine sites would be completing water testing. GM confirmed that MTW completes water testing. CS advised the dialogue collates the information that is provided to the regulators and they are working on providing updated data for communities.
- SM raised a question regarding the Dialogue's opinion of air quality. CS advised that in the past two years the community has expressed less concerns expressed due to weather conditions, they have already noticed a change based on weather conditions. The dialogue will continue to be concerned and awareness of air quality.
- SM asked about the opinion of EPA bust the dust program. CS advised that a study was completed and looked at all aspects of air quality including all types of particulates comparing regions.
- SM asked CS if they put any priority on the needs and concerns of the community. CM advised yes the Dialogue does what they can regarding the health and wellbeing including mental health of people of the hunter and upper hunter.
- IH asked if there has been any study on the ridge that has been constructed between the mines and what impact it has on weather and wind patterns. CS advised they are not specifically looking at it, but they are out talking to the communities to look for projects and will take this back as a potential project. IH advised he has heard on the news about the big dry hole not getting rain and would appreciate experts looking into this.

Dust Management (Ian Hedley)

IH provided a presentation to the CCC regarding dust management.

- IH advised he had concerns for dust generation from MTW and the denial about dust generation from the site and the Community Response Officers responding to complaints.
- IH presented a series of photos that he had taken of the operation, complaint record and the air quality alerts regarding the 17/09/2023 and 18/09/2023. IH explained that based on what he saw he thought MTW could have acted sooner on the 17/09/2023.
- IH presented a photo of a heavy mining equipment water cart that he had photographed on the 18/09/2023 that he thought had not moved the entire day.
- IH presented a series of photos he had taken in November of his personal car parked under his carport, photos of solar panels and air quality alerts for the Upper Hunter Air Quality Monitoring Network during November. IH explained that he had been away for 3 weeks and when returned found a layer of dust over his car and solar panels and did not think it was fair or acceptable.
- IH presented a video of a haul truck on a section of haul road explaining the dust generation due to the road being dry, IH advised he had spoken to GM on that day as he had not seen a water cart for some time and as he was on the phone a water cart came past. IH advised he believed there was an issue with the water carts spot spraying, and it was not effective. IH asked if there is enough water carts on site to manage the number of trucks and the haul roads as between 70 to 80% of dust is wheel generated.
- IH advised that he has spoken to GM reading haze, IH presented photos from the 16 and 21 November. IH advised there is no doubt about valley haze but thinks that the dust is coming from MTW and MTW could do better.
- GM advised that they have discussed the dust haze on numerous occasions including with other residents, GM advised there is not doubt that MTW contributes to the dust in the valley. GM advised that there are things that IH has presented that MTW would like to look at and do better on. GM advised that he does not think it is genuine to say that MTW is the cause of all dust. GM advised there is definitely a

haze and dust out there and advised that MTW wants to focus on the things IH had spoken about including wheel generated dust and things within the operation.

- IH questioned that there is a difference between dust and haze and pointed out what he thought is dust in the photo compared to haze. IH advised he is having cameras installed and dust monitoring to get independent data for his business.
- IH raised concerns about diseases from dust and referred to a person in Bulga stood down due to silicosis. IH asked if MTW completes dust monitoring on people. DB advised that yes MTW complete dust monitoring in line with the sites hygiene monitoring standard by a few methods with one of those being for dust with a big focus on hygiene monitoring on site.
- DM advised he attended the EPA Bust the Dust session in Muswellbrook, and has also spoken to his local doctor about air quality. DM advised he had been advised that if there is poor air quality that exercise needs to be avoided and staying indoors. DM explained that he is raising the concern about air quality and the need for good discussion to get better air quality for Bulga.
- CG asked IH what the EPA's response has been, IH advised they have been completing investigations and he is awaiting a response back from the EPA.
- IH raised a question on behalf of community members that have asked why trees are dying along Putty Road, IH explained that it is thought the trees are being dusted causing them to die. DM also raised concern about the trees and the fire risk associated that he had also spoken to GM previously about the location of haul trucks near the Putty Road.
- DB provided comment thanking IH for presenting his dust concerns respectfully. DB advised that MTW does not take the view that we do not contribute to the dust in that area and recognise that MTW does contribute to the dust in the area. DB recognises that conditions have been challenging of late for the residents of Bulga and the Hunter and general mining. DB advised that as shown in IH's presentation there are things that can be done better, and even when running well things can always be done better.
- DB advised that the data JVB presented shows equipment is being parked up at times and he and his mine manager have made the call to park up equipment when required.
- DB advised that in an email IH provided he had asked for constructive conversation to come to a resolution. DB advised that he does not want people to think we are sitting around and not acting and believes that the issue is bigger than just MTW and the way MTW manages dust is to a high standard. DB advised that internally is how he judges the sites performance.
- DB advised they have put together a group of people on site to look at what else can be done on top of current controls. DB advised there are additional controls that are going to be implemented out of that group to better manage dust on site. Some of the additional controls include, 2 additional HME water carts to add to the fleet, 2 new HME water carts to replace ageing equipment, gap analysis of current water cart operation to analyse spray patterns to look for areas of improvement, new water fill point in the centre of the mine, installation of haul road sprinkler installation looking to install at all possible areas to increase effectiveness of haul road water cart fleet, use of sealing surfaces such as polymer application, tarring and hydro mulching, trialling of fogger sprays at a dragline to improve efficiency, hot seating water carts to improve water cart availability. DB advised these are just some of the things MTW are implementing to manage dust as we place a high importance on this area and asked that people allow time for these additional controls to be implemented.
- GM advised that aerial seeding will also be taking place shortly. The aerial seeding will stabilise areas of dumps that will not change over the next period.
- BB thanked DB for his comments and asked DB if MTW are talking to Bulga Coal as there is a joint issue. DB advised that MTW has not been talking to Bulga Coal around air quality management though they do talk about other matters. BB explained the issue was huge and we need to take a practical approach as the air quality has been terrible of late and there is enough evidence to support that something needs to be done. BB advised she thought MTW is taking the issue seriously and IH has done homework on the issue and requested an effort is made to work with Bulga Coal. DB advised that he is going to put an effort on the controls he has mentioned as that will provide the best outcome, MTW is always open to talking to neighbouring mines and sharing ideas around best practice.

- CG advised that he thinks MTW is taking the dust issue seriously and the CCC should allow time for the action plan to be in place.
- DB raised a comment about the spot spraying on the haul roads that IH had raised. DB advised that spot spraying is completed for safety reasons to provide traction, the site is reviewing this process and changes are being made where possible to improve watering of haul roads.
- GM provided an overview of the EPA Bust the Dust Campaign and advised that MTW has had five visits from the EPA in October and November. The EPA has been providing feedback on performance, this feedback has been passed to operations to bring sites performance to the EPA's expectation.

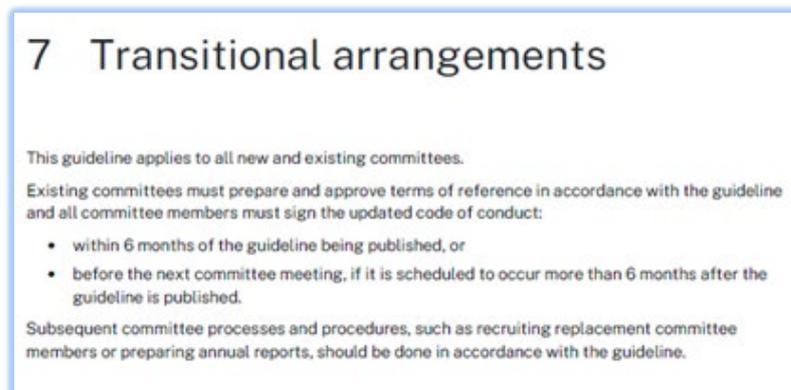
Action 5: MTW to investigate trees along Putty Road in the West Pit crib hut area.

Action 6: MTW to contact Bulga Coal regarding dust management.

Updated DPE CCC Guidelines (June 2023), Updated Code of Conduct Form, Updated Declarations of Interest Form, MTW CCC Terms of Reference

Refer to presentation

- CG advised of his discussion with the department regarding consultation on management plans. CG suggested that the CCC is provided an update on the status or changes to management plans. GM advised that addition is fine. DM provided an example about the update on the Social Impact Management plan that had an update but he was unsure about the what changes were made. DM explained that he would happily sign the original CCC guidelines but did not agree with the change and need for terms of reference. GM advised that the department has updated the CCC guidelines to include an update code of conduct and CCC terms of reference to meet the departments requirements. CG advised he will include additional wording around providing the CCC with an update on management plan status.
- DPE updated CCC guidelines and other forms/template were distributed with Business Papers.
- A reproduction of Section 7 of the CCC guidelines is below:



- The CCC guidelines (June 2023) require us to do two things by end of 2023 (within 6 months of June 2023):
 - 1. have our MTW CCC Terms of Reference prepared and approved (a copy was prepared, endorsed for distribution by Chair, and distributed with Business Papers),
 - 2. Have all CCC members to sign the updated Code of Conduct.
- The relevant forms were provided to all CCC members to allow them to complete and sign.

Action 7: CCC members to provide a signed copy of the code of conduct and updated declarations of interest forms by end of 2023 as required by DPE CCC guidelines.

9. GENERAL BUSINESS

General Business MTW – MTW Amenity Resource

- Amenity works recognising air quality contribution by MTW
 - Invitation to participate remains open
- Year to Date works have included:
 - 42 tanks cleaned, further 5 pending
 - 12 new filtered water taps installed
 - Water deliveries offsetting usage in cleaning
 - Spare & replacement filter supplies
- Works across 17 residences & 2 community buildings
- Program expected to revert to a staggered 2 year cycle in future years

Bulga Service Station / Shop update

- Progressing, but no significant change since last meeting. Architectural Plans prepared for redevelopment option, previously have been looking at renovation option.
- Current plan concepts shared with CCC members which would include similar services to present (retail shop, bottle shop, kitchen).
- Plans include retention of 'Bird Cage' structure, however, this is subject to the extent of remediation of current site. If 'Bird Cage' is required to be demolished, community feedback has requested the opportunity to dismantle and remove the structure to enable erection by the community elsewhere.
- Plans are subject to change based on existing contamination which requires remediation, the extent of the remediation is not fully understood.

General Business MTW – MTW Voluntary Planning Agreement Funding

Refer to presentation

- GM provided an overview of the projects being supported as provided on the presentation.

General Business MTW - Community Support Program (CSP)

Refer to presentation

- GM advised the list of 2023 projects are in the presentation and were also in the previous presentation.
- GM advised that MTW is reviewing the applications for the 2024 program. Applications closed on 30 September 2023, and 22 applications were received.

General Business - CCC Members

- SM presented a photo of a coal shot he had taken and thought it was a contributor to dust generation. SM also asked about shots fired on a Saturday and why there was no road closure. DB advised blast are not allowed on a Sunday or public holidays and road closures are not always required. SM asked about why he would not feel the blast at his home for coal shots but other shots were more noticeable. DB advised that the coal shots are a lot smaller compared to other blasts.
- SM explained his concerns for the coal shots that make coal airborne and thought the air quality is the worst he has ever seen it and advised that that CS from the Upper Hunter Mining Dialog did not think it was an issue. GM stated that she did state it as a serious issue and was just making a comparison between air quality in the Hunter and Newcastle area for the period she had reported.

- HJ asked if MTW texts the near neighbours if there is going to be a blast. GM advised that a text is sent to advise of road closure as well as available on the website. HJ asked GM to confirm if there are messages for blasts. GM confirmed on the website there is information regarding what days there will be blast and road closures. HJ explained that she thinks it would be useful to have a text message to advise of when blast as scheduled. DM advised that MTW had a system previously in place that advised the details about the blast. HJ asked if it was possible to have this in place. GM advised the text messages and signs are to advise of the road closure and will consider the recommendation.

Action 8: MTW consider text message to near neighbors for all blasts.

10.NEXT MEETING

Next CCC Meeting: Wednesday 21 February 2024, 2pm

CG wished CCC members all the best for Christmas and the new year and closed the meeting.

MEETING CLOSED 4:30pm.

SUMMARY OF ACTIONS

Action 1: MTW to progress identification of an independent minute taker.

Action 2: MTW to provide final landform to CCC.

Action 3: MTW to investigate trend of increase in noise assessments above trigger level.

Action 4: MTW to check blast monitors and calibration of blast monitors in the Bulga area.

Action 5: MTW to investigate trees along Putty Road in the West Pit crib hut area.

Action 6: MTW to contact Bulga Coal regarding dust management.

Action 7: CCC members to provide a signed copy of the code of conduct and updated declarations of interest forms by end of 2023 as required by DPE CCC guidelines.

Action 8: MTW consider text message to near neighbours for all blasts.



Mount Thorley Warkworth (MTW)

Community Consultative
Committee (CCC)

Wednesday 22 November 2023

Time:

2pm – 4pm

Location:

MTW Boardroom

Independent Chairperson:

Col Gellatly

Minutes:

MTW

Reaching new horizons together



Agenda

1. Welcome (Col)
2. Apologies (Col)
3. Declaration of pecuniary interests / conflicts of interest / Conflict of Interest Forms / Code of Conduct Forms (Col)
4. Business Arising (Col)
5. Correspondence (Col)
6. Confirmation of the previous meeting's minutes (Col)
7. Proponent reports and overview of activities
 - Progress of the project, environmental monitoring and performance, community complaints
8. Other agenda items
 - MTW CCC Terms of Reference
 - Upper Hunter Mining Dialogue Update
 - Dust Management (Ian Hedley)
9. General business
10. Next meeting

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Apologies

Apologies –

Upper Hunter Mining Dialogue update

Other Agenda item brought forward – Cate Sims UHMD presentation.

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3. Declaration of pecuniary interests / conflicts of interest

All members must declare interests. Updated declaration forms provided to complete.

4.11 Declaration of interests

All committee members must sign a declaration of interest form (see toolkit of supporting material) before they join the committee and keep this up to date. Committee members will have an opportunity to declare any new interests, or interests relevant to the agenda, at the start of each committee meeting.

The declarations include any pecuniary or other interest that may affect committee operations.

Examples of pecuniary or other interests include:

- holding a private contract with the proponent
- holding voluntary acquisition or mitigation rights under the proponent's approval or consent
- receiving sitting fees or payments for personal expenses from the proponent
- if the member represents a stakeholder group, the stakeholder group receiving funding or a grant from the proponent.

4.12 Conflicts of interest

A chairperson should advise the department as soon as possible of any potential or actual conflict of interest that may affect their ability to fulfil their role on the committee.

Committee members should notify the chairperson as soon as possible of any change of interest that may affect their ability to fulfil their role on the committee.

The chairperson may decide that an interest is significant enough conflict that a member should withdraw from discussion on a particular issue.

3. Code of Conduct Forms

Code of Conduct Form - All members must sign CoC form (provided for this meeting)

Department of Planning and Environment



Community Consultative Committee code of conduct for committee members (excluding chairperson)

Application of the code

This code of conduct (the code) applies to all committee members of community consultative committees and should be read in conjunction with the *Community consultative committee Guideline: State Significant Projects 2023*.

Standards of conduct

All committee members must demonstrate appropriate standards of behaviour to support efficient operations of the committee. This code outlines the standards of conduct expected of committee members. It is the personal responsibility of each member to comply with this code.

We have developed this code to ensure members:

- have a clear understanding of their role and responsibilities
- act consistently within the scope and purpose of the committee
- communicate and act in a respectful manner towards all members
- act honestly when carrying out their functions as a committee member
- disclose any interest (pecuniary, non-pecuniary or otherwise) that could conflict with the proper performance of their functions.

Agenda

1. Welcome (Col)
2. Apologies (Col)
3. Declaration of pecuniary interests / conflicts of interest / Conflict of Interest Forms / Code of Conduct Forms (Col)
4. Business Arising (Col)
5. Correspondence (Col)
6. Confirmation of the previous meeting's minutes (Col)
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 - MTW CCC Terms of Reference
 - Upper Hunter Mining Dialogue Update
 - Dust Management (Ian Hedley)
9. General business
10. Next meeting

4. Business Arising

Action No.	Action	Response/ Update
1	MTW to progress identification of an independent minute taker.	In progress.
2	GM to follow up with Neville regarding the Wallaby Scrub Road and the section that is part of the WBACHCA.	Complete. Emailed to NH 3/11/23.
3	MTW to provide opportunity to take BB out to the Wallaby Scrub Road section that is part of the WBACHCA.	Visit completed 8/11/23.
4	MTW to confirm to BB the aboriginal groups that were part of the initial WBACHCA Plan of Management Implementation Group.	Complete. Emailed to BB 3/11/23.

4. Business Arising

Action No.	Action	Response/ Update
5	MTW to provide a presentation at next CCC meeting to explain MTW's noise monitoring and management process - including how noise monitors are utilised and the process operations respond to high noise readings, and an explanation of how monthly compliance noise monitoring is completed.	Included in this presentation.
6	CG to enquire with DPE regarding DM suggestion for the MTW CCC Terms of Reference Scope and Purpose to include "consultation on any proposed amendments or modifications to any management plan impacting on the environment or community", noting that this proposed addition to the Terms of Reference is not supported by MTW.	CG contacted DPE 10/10/23. DPE responded 11/10/23 with management plans requiring CCC consultation. CG shared with CCC members.

4. Business Arising

Action No.	Action	Response/ Update
7	MTW to provide overview of equipment fleet at next CCC meeting.	Included in this presentation.
8	MTW to include offset fauna photos and monitoring results in the next CCC presentation.	Included in this presentation.
9	GM to follow up on MTW employment statistics for local employees, women and aboriginal people.	MTW is a residential mine, and as such do not provide any fly-in fly-out arrangements or accommodation. The Yancoal Environment, Social and Governance Report 2022 includes information on Yancoal workforce by gender, geographical region and employment type, and includes MTW's headcount. This is publicly available on the Yancoal website: https://www.yancoal.com.au/content/Document/230426_ESG%20Report_Design%20Format_FINAL.pdf
10	GM to follow up on what financial information is available for local spend to provide an update to the CCC.	Email provided to CCC members 3/11/2023.

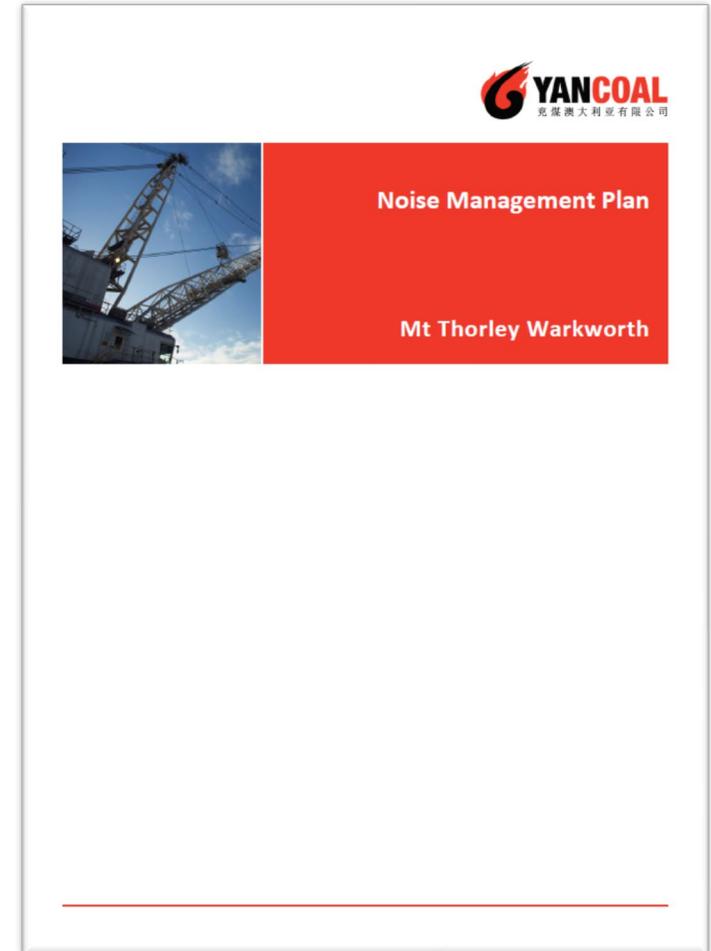
4. Action 5: Noise Monitoring at MTW

CCC Action: MTW to provide a presentation at next CCC meeting to explain MTW's noise monitoring and management process - including how noise monitors are utilised and the process operations respond to high noise readings, and an explanation of how monthly compliance noise monitoring is completed.

MTW's approved Noise Management Plan (v5.2) is available on the MTW website.

Three components in the NMP relate to received noise monitoring at MTW:

1. Real Time Noise Monitors and Alerts (NMP s6.4.1 and s6.4.2)
2. Supplementary Hand Held Noise Monitoring (by MTW Community Response Officer) and Operational Modifications (NMP s6.4.3, s6.4.4)
3. Noise Monitoring Program – by External Noise Consultant (NMP Appendix A)



4. Action 5: Noise Monitoring at MTW

1. Real Time Noise Monitors and Alerts (NMP s6.4.1 and s6.4.2)

Table 3 - BarnOwl alarm triggers

Monitoring Location	Consent Area	Amber Alert (dB(A))	Red Alert (dB(A))
BULGA	WML	36	38
	MTO	36	38
INLET ROAD WEST	MTW	N/A	35
	WML	33	35
LONG POINT			

The real time noise alarm process operates as follows:

- A noise alarm is generated following two consecutive 15min measurements at a monitor location from the directions of MTW operations (<1000Hz low pass data, from the direction of either of MTO, WML, or MTW combined) above the trigger threshold, detailed in Table 3;
- Real time noise data is compared against current meteorological conditions, and operate to a conservative wind threshold);
- Alerts are active between 8pm and 6am, seven days per week;
- Triggers are followed up with an assessment of validity; and
- Where handheld assessment supports the alarm (noise issue identified), remedial actions are implemented to reduce the noise level accordingly (see section 6.4.3).

Table 4 - Environmental Noise Compass alarm triggers

Monitoring Location	Consent Area	Amber Alert (dB(A))	Red Alert (dB(A))
MOUNT LEONARD (ENC)	WML	35	37
	MTO	36	38
WAMBO ROAD (ENC)	WML	36	38
	MTO	36	38

Noise alarms from the Environmental Noise Compass function as follows:

- A noise alarm is generated following two consecutive 15min measurements at a monitor location from the directions of MTW operations (<710Hz low pass data, from the direction of either of MTO or WML) above the trigger threshold, detailed in Table 4;
- Real time noise data is compared against current meteorological conditions, and operate to a conservative wind threshold);
- Alerts are active between 8pm and 6am, seven days per week;
- Triggers are followed up with an assessment of validity by MTW personnel; and
- Where handheld assessment supports the alarm (noise issue identified), remedial actions are implemented to reduce the noise level accordingly (see section 6.4.3).



Figure 2: MTW Noise Monitoring Locations

4. Action 5: Noise Monitoring at MTW

2. Supplementary Hand Held Noise Monitoring (by MTW Community Response Officer) (NMP s6.4.3)

6.4.3 Supplementary handheld noise monitoring

A program of targeted supplementary attended noise monitoring is operated at MTW to support the real-time directional monitoring network and ensure the highest level of noise management is maintained.

The supplementary program is undertaken by MTW personnel and involves:

- Undertaking routine inspections from both inside and outside the mine boundary;
- Routine and as-required handheld noise assessments (undertaken in response to noise alarm and/or community complaint), comparing measured levels against consent noise limits; and
- Validation monitoring following operational modifications to assess the adequacy of the modifications.

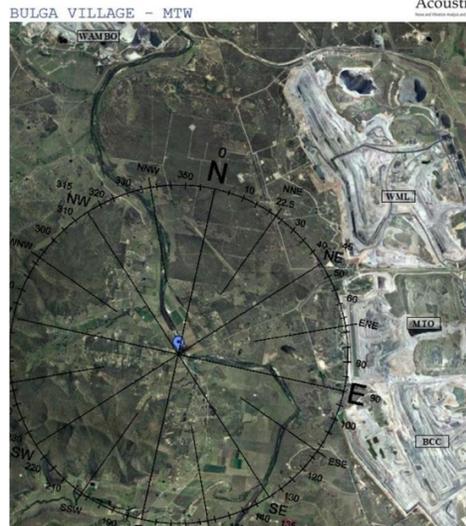


Rion NL-21 SLM

Locations:

- Bulga Village
- Bulga RFS
- Wambo Road
- Inlet Road
- Inlet Road West
- Long Point

Example compass diagram is below to assign noise direction.



Global Acoustics

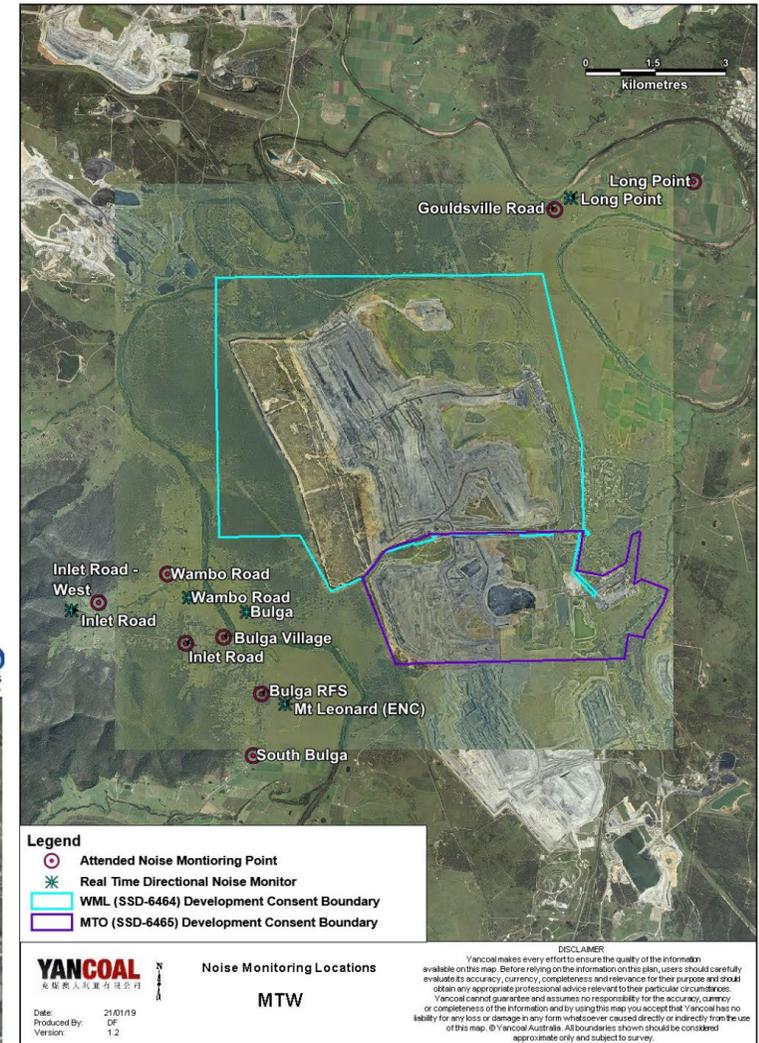


Figure 2: MTW Noise Monitoring Locations

4. Action 5: Noise Operational Modifications at MTW

Operations Modifications (NMP s 6.4.4)

6.4.4 Operational Modifications

Where noise assessment undertaken identifies noise emissions which are exceeding the consent noise limit for any particular residence, modifications will be made with the intention that the noise event is resolved within 75 minutes of identification by MTW personnel. The actions taken are commensurate with the nature and severity of the noise event, but can include:

- Changing the haul route to a less noise sensitive haul;
- Changing dump locations (in-pit or less exposed dump option);
- Reducing equipment numbers;
- Shut down of task; or
- Site shut down.

When noise has been reduced to an acceptable level, supplementary handheld noise monitoring will be undertaken to confirm noise is maintained at this level. Any subsequent restart of equipment will be accompanied by an initial period of monitoring so as to

prevent as far as practicable any return to previously elevated noise. Noting that this will not prevent a subsequent increase to the mine noise output if this is due to subsequent meteorological or operational changes which were not related to the initial noise event. In the event that alarms are received from other monitoring locations during this period of monitoring priority is given to these other locations.

In the event that subsequent instances of elevated noise are detected at the same monitoring location (which may occur from time to time due to changes in operating practice and location, or more commonly, changes in meteorological conditions), MTW will resolve these events within 75 minutes of detection.



4. Action 5: Noise Monitoring at MTW

Noise Monitoring Program – by External Noise Consultant (NMP Appendix A)

- 15 minute compliance noise monitoring
- Considers applicability of noise criteria due to weather conditions
- Considers applicability of low frequency modifying factor and sleep disturbance criteria
- Attributes noise to WML or MTO.
- Compares attributed WML or MTO noise against noise limits.
- MTW is advised at completion of monitoring all locations whether there is a potential noise exceedance, and this is checked / confirmed after reviewing meteorological data.

Note: If external noise consultant identifies noise exceedance, MTW is notified after completion of **all** monitoring locations by the noise consultant.

We then enact our own Supplementary Handheld Noise Monitoring / Operational Modifications to reduce noise within limits, and will report an exceedance to DPE.

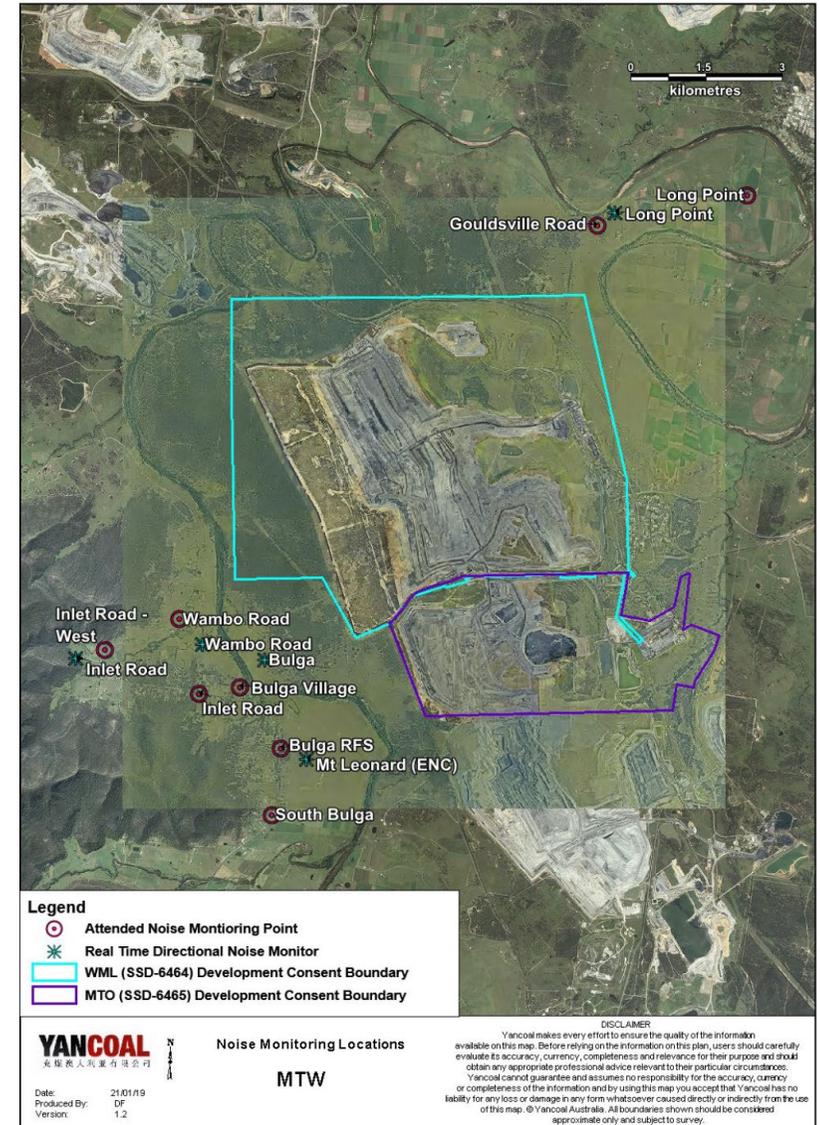


Figure 2: MTW Noise Monitoring Locations

4. Action 5: Noise Monitoring at MTW

Noise Limits and Applicable Meteorological Conditions (NMP Appendix A)

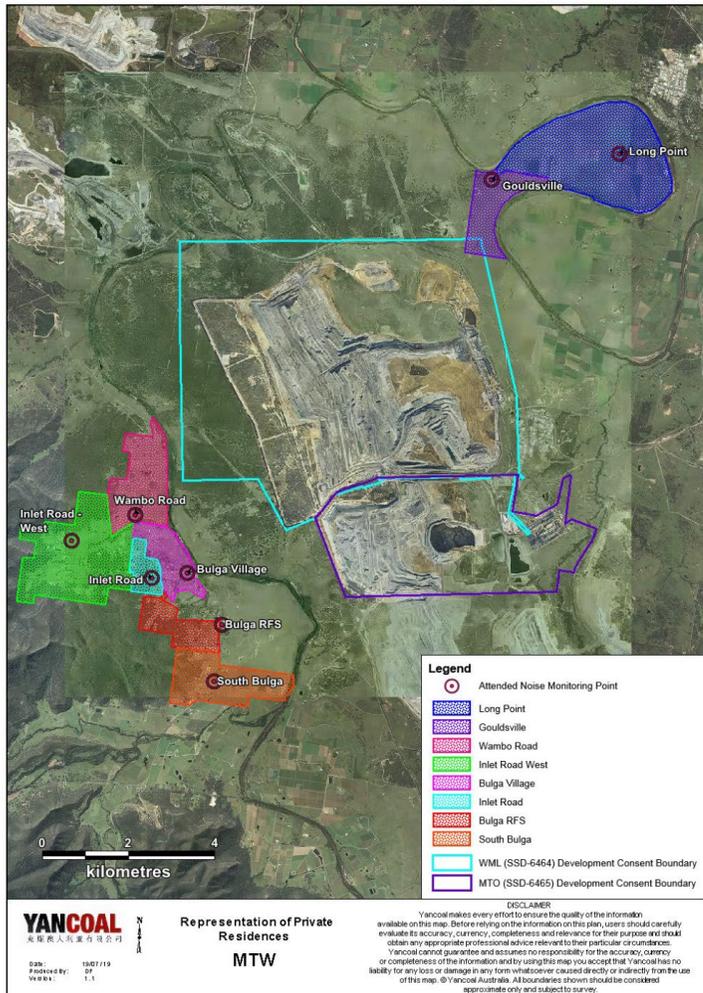


Table A2: Noise Limits

Monitoring Location	Consent Area	L _{Aeq} Impact Assessment Criteria (dB)	L _{A1} (1min) Criteria (dB)
Bulga Village	WML	38	48
	MTO	38	48
Bulga RFS (Wollemi Peak Road)	WML	37	47
	MTO	37	47
Gouldsville Road	WML	38	48
	MTO	35	45
Inlet Road	WML	37	47
	MTO	37	47
Inlet Road West	WML	35	45
	MTO	35	45
Long Point	WML	35	45
	MTO	35	45
South Bulga	WML	35	45
	MTO	36	46
Wambo Road	WML	38	48
	MTO	38	48

4 APPLICABLE METEOROLOGICAL CONDITIONS

In addition to the meteorological exclusions described in the Noise Policy for Industry, the noise criteria in **Table A2** apply under all meteorological conditions except the following:

- Wind speeds greater than 3m/s at 10m above ground level; or
- Stability category F temperature inversion conditions and wind speeds greater than 2m/s at 10m above ground level; or
- Stability category G temperature inversion conditions.

Except for wind speed at microphone height, the data to be used for determining meteorological conditions shall be that recorded by the MTW Charlton Ridge meteorological station.

Figure 3: Representation of private receptors

4. Action 7. Mining Fleet

Equipment	No.	Make / Model	Capacity
Dragline	1	P&H 9020	79m ³
	1	Marion 8200	57m ³
Electric Shovel	2	P&H 4100 XPC	63m ³
Excavator 800t	2	Liebherr R9800	47.5m ³
Excavator 500-600t	1	Hitachi EX5600	36m ³
Excavator 300-400t	5	Hitachi EX3600 (3) & Liebherr R9400	24m ³
Loaders	2	Le Tourneau L1850	28-32m ³



4. Action 7. Mining Fleet

Equipment	Make / Model	Capacity
Dozers x 26	Caterpillar	D10 & D11
Drills x 8	Various	Waste and coal
Trucks x 94	Komatsu / Cat / Hitachi/ NHL	190t/220t/320t
Ancillary	Graders, Scrapers, Water Trucks, Service trucks, RT Dozers, other	Various



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5. Correspondence

- 22/08/2023 – MTW Community Support Program 2024 - Applications Open
- 21/09/2023 - MTW CCC Q3 2023 - Draft minutes
- 11/10/2023 - MTW CCC Q3 2023 - Minutes endorsed by Chair
- 11/10/2023 - FW: NSW EPA Bust the Dust air quality community drop in event
- 3/11/2023 - CCC Action - MTW Economic Contribution
- 14/11/2023 - MTW CCC Q4 2023 - Weds 22 November 2023 2pm
 - Business Papers and Agenda for Q4 2023 meeting
 - Updated CCC Guideline with Code of Conduct Forms, Declaration of Interest forms, and Terms of Reference template
 - MTW CCC Terms of Reference
- 20/11/2023 – MTW 2022 Annual Review report

Agenda

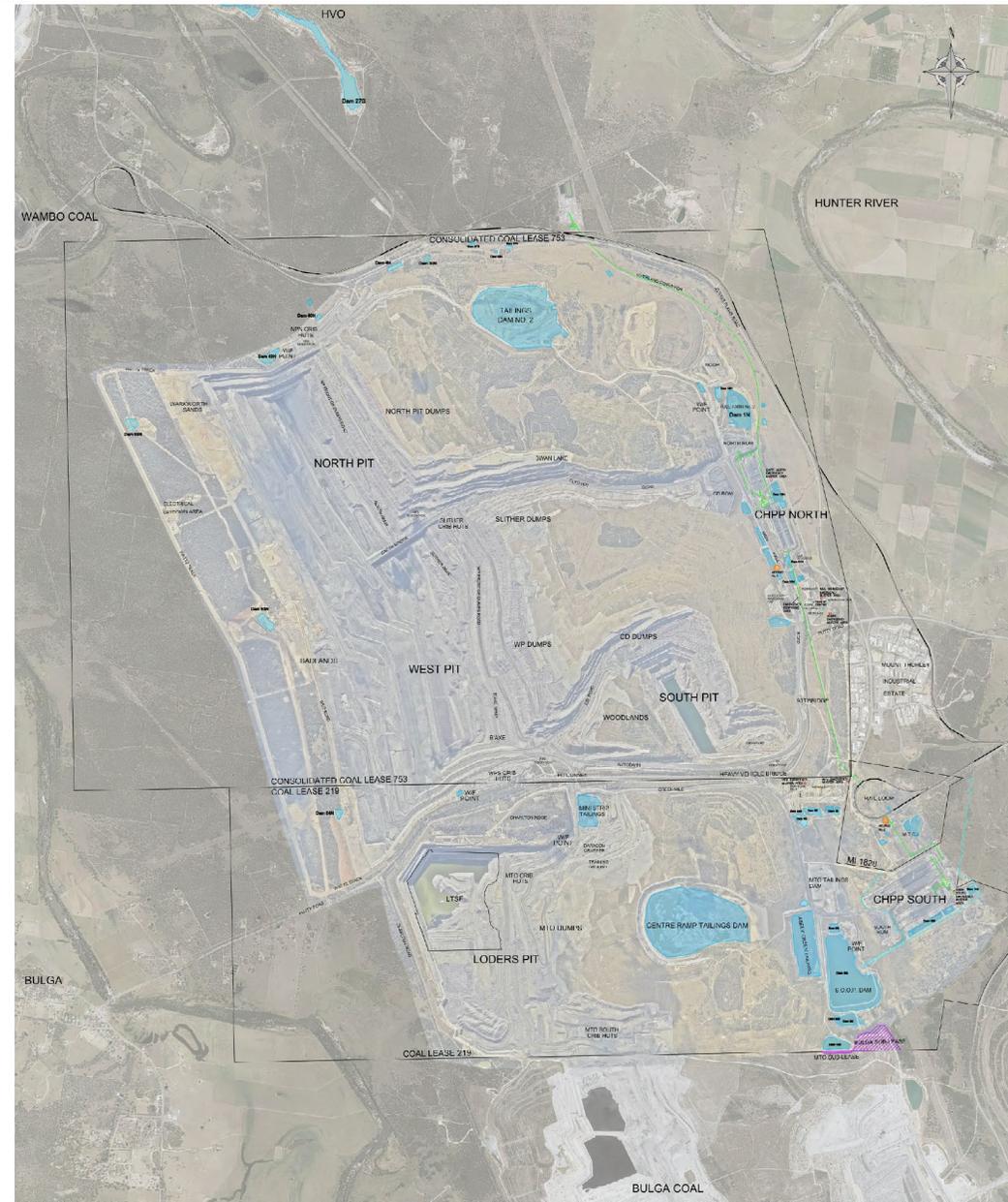
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MTW Operations

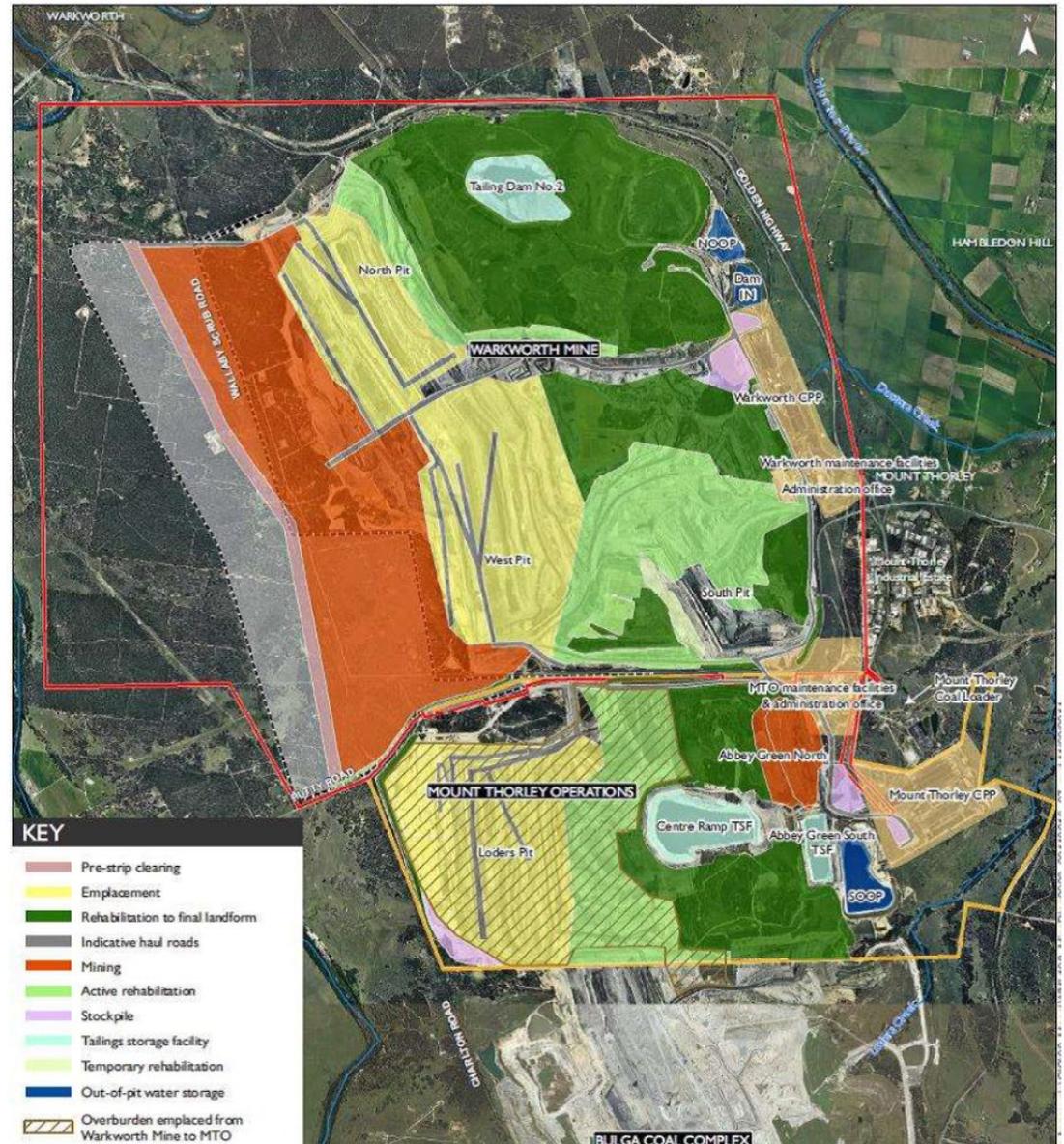
- MTO: Coal production ceased at MTO in early 2021. Load and haul waste will continue to be dumped in the pit from the WML. Opportunity for coal in western highwall benches during backfill operations identified.
- WML: DL103 has been working in the lower passes of North Pit while DL 101 is working in the lower passes of West Pit respectively
- WML: Normal load and haul operations have continued, easing of rainfall conditions since November have assisted.
- Coal processing and train loading normal operations.



MTW Operations – NOOP Dam

NOOP is an approved dam in Warkworth Continuation Project development consent SSD-6464 and will provide improved water security / balance position at MTW.

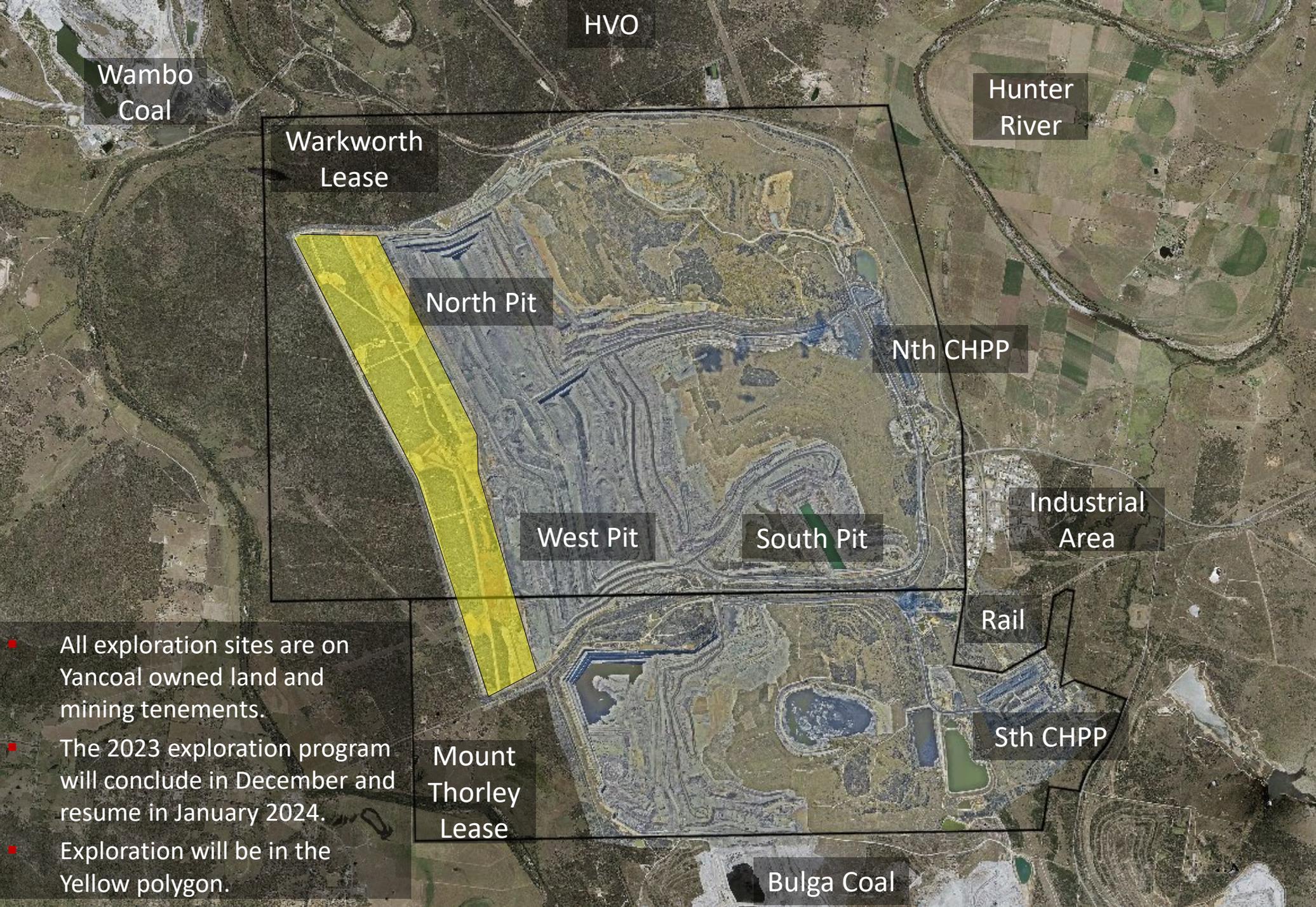
- North Out of Pit (NOOP) Dam main excavation with mining excavator commenced mid February 2022.
- Blasting activities commenced Q1 2023.



MTW Operations – NOOP Dam

Construction progress 18 October 2023:





HVO

Wambo
Coal

Hunter
River

Warkworth
Lease

North Pit

Nth CHPP

West Pit

South Pit

Industrial
Area

Rail

Sth CHPP

Mount
Thorley
Lease

Bulga Coal

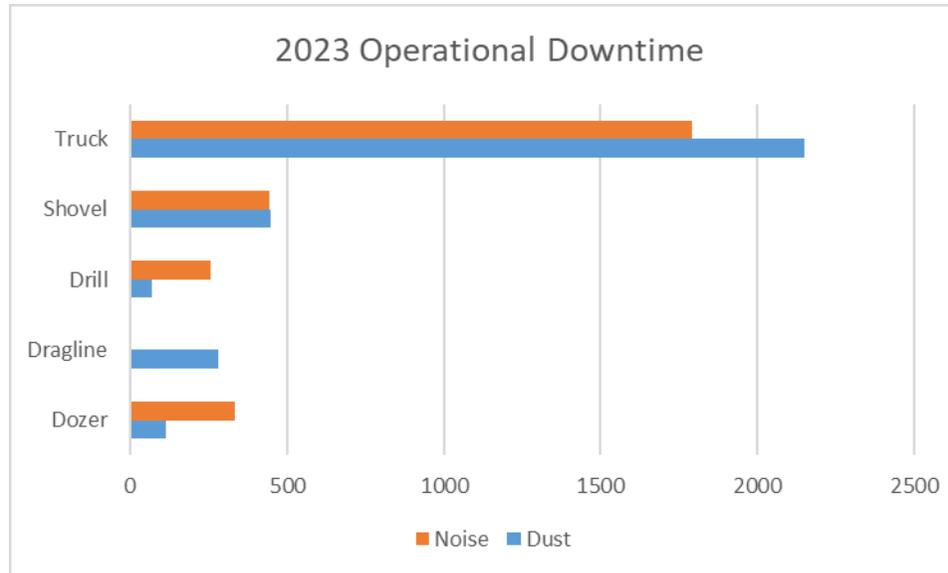
- All exploration sites are on Yancoal owned land and mining tenements.
- The 2023 exploration program will conclude in December and resume in January 2024.
- Exploration will be in the Yellow polygon.

Exploration

- All exploration sites are on Yancoal owned land and mining tenements.
- The 2024 exploration program will consist of:
 - Up to 16 x HQ Cored Holes
 - Up to 20 x Open Holes
 - Up to 3 x Large Diameter Cored Holes
- There will be two drill rigs and associated staff and equipment to facilitate this exploration program.
- The program is schedule to conclude in October 2024



MTW Operations



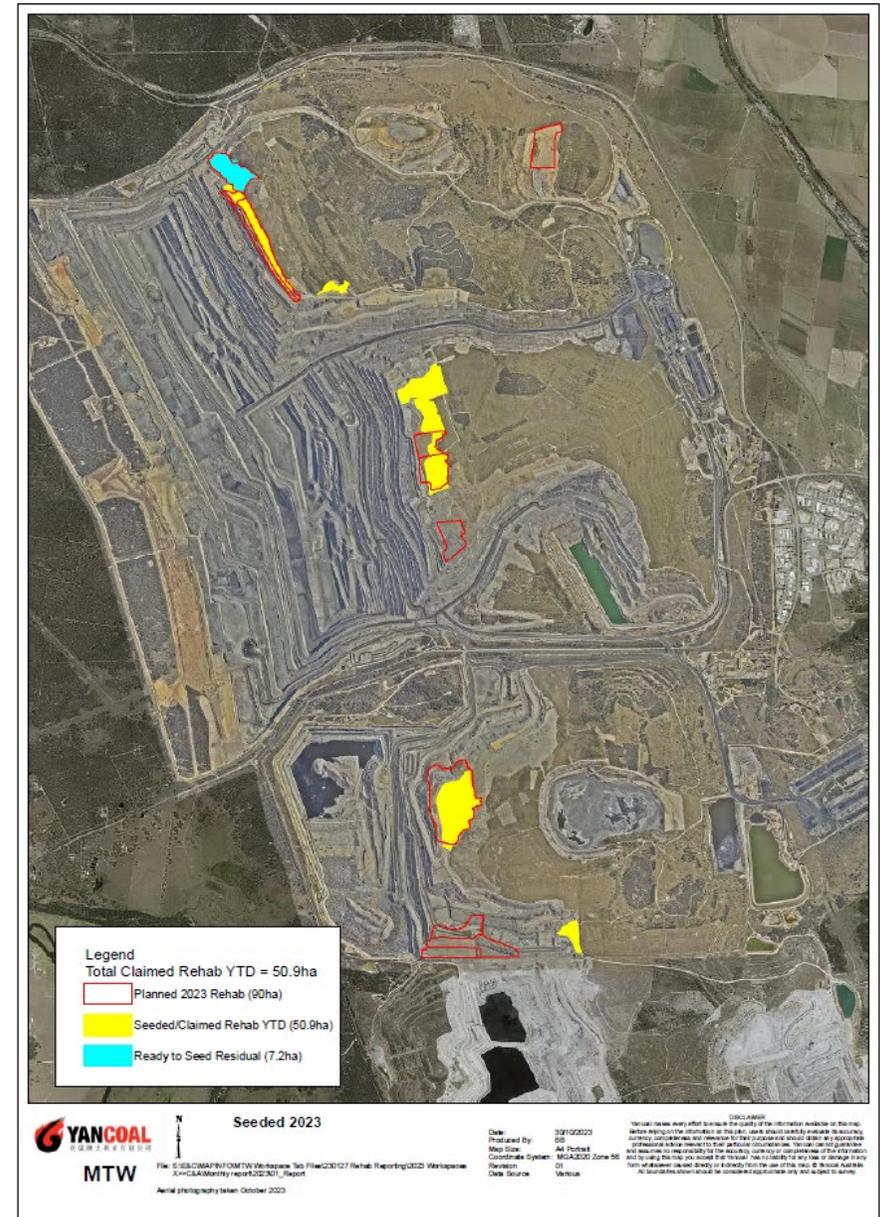
MTW CRO Noise Monitoring YTD			
	# CRO Assessments	# Individual assessment above trigger	# Nights above trigger
2023 (YTD)	6541	138	62
2022	7226	106	59
2021	7043	106	46
2020	7510	72	42

MTW Operations – Rehabilitation/ Disturbance 2023

Rehabilitation reforecast for 2023 - 90Ha seeded (shown in red).

Progress to end October 2023:

- 94.9ha of dump released for rehab; and 73.8ha of this area had been progressed to be bulk shaped.
- Topsoil / compost has been spread on 24.8ha
- Seeding completed on 50.9ha



MTW Operations – Rehabilitation/ Disturbance 2023

15/11/2023 – WML North Pit Rehabilitation - Seeded in 2023



MTW Operations – Rehabilitation/ Disturbance 2023

15/11/2023 – WML North Pit North Rehabilitation – Seeded 2023



MTW Operations – Rehabilitation/ Disturbance 2023

15/11/2023 – MTO Centre Ramp Rehabilitation – Seeded 2023

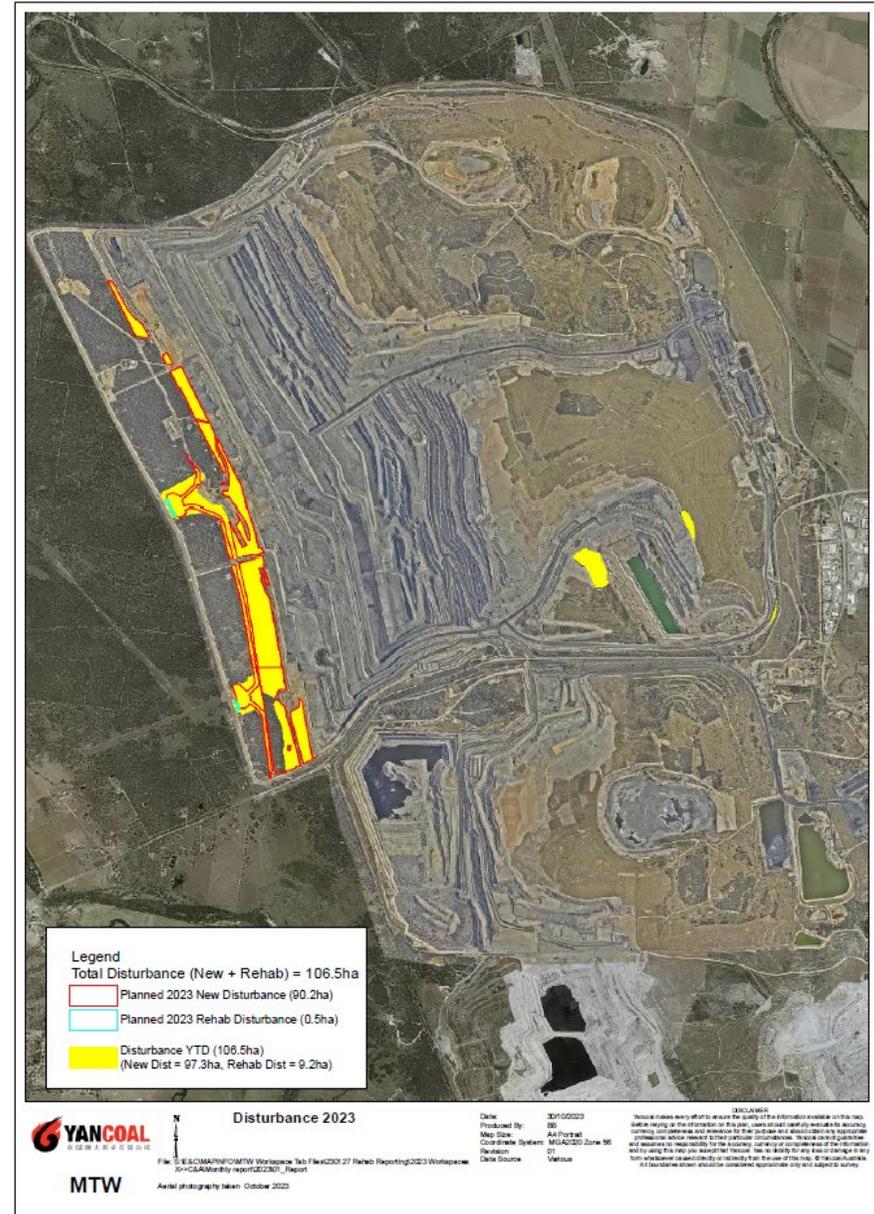


MTW Operations – Rehabilitation/ Disturbance 2023

Disturbance forecast for
2023 – 90.7Ha

Progress to end of October
2023:

- Disturbed = 97.3ha



MTW Vertebrate Pest Management

2023 programs undertaken YTD:

- Feral pig ground shoot at Goulburn River Biodiversity Area in March; 18 feral pigs, 9 fallow deer and 4 foxes were controlled.
- Wild dog soft jaw trapping program at MTW's Southern (SBA) and North Rothbury (NRBA) Biodiversity Areas in March; three wild dogs trapped and euthanised at SBA and two wild dogs trapped and euthanised at NRBA.
- Feral deer ground shot at Bowditch Biodiversity Area in April; 11 feral deer and one feral cat were controlled.
- Aerial shoot (NPWS) at the Goulburn River and Seven Oaks Biodiversity Areas in May; 14 pigs on Yancoal's offsets.
- 1080 ground baiting programmes targeting wild dogs and foxes at MTW and all Biodiversity Areas in autumn; 60 baits taken at MTW, 62 baits taken at MTW's local BA's and 120 baits taken at MTW's regional BA's
- Noisy Miner program at the Goulburn River and Bowditch Biodiversity Areas in August; 167 Noisy Miners (birds) controlled at GRBA and 116 Noisy Miners controlled at BBA.
- Aerial shoot (NPWS) at the Goulburn River and Seven Oaks Biodiversity Areas in October
- 1080 ground baiting programmes targeting wild dogs and foxes at MTW and all Biodiversity Areas in Spring; 43 dog takes and 50 fox takes at MTW and Local BA's and 138 baits taken at MTW's regional BA's.
- MTW and local offset pig trapping program in November; currently underway

The following 2023 programs have been scheduled:

- Thermal ground shoot at the Goulburn River and Seven Oaks Biodiversity Areas

The 2023 vertebrate pest programs have been coordinated with LLS and other large landholders in the area so programs are undertaken at the same time across the broader Hunter Valley area.

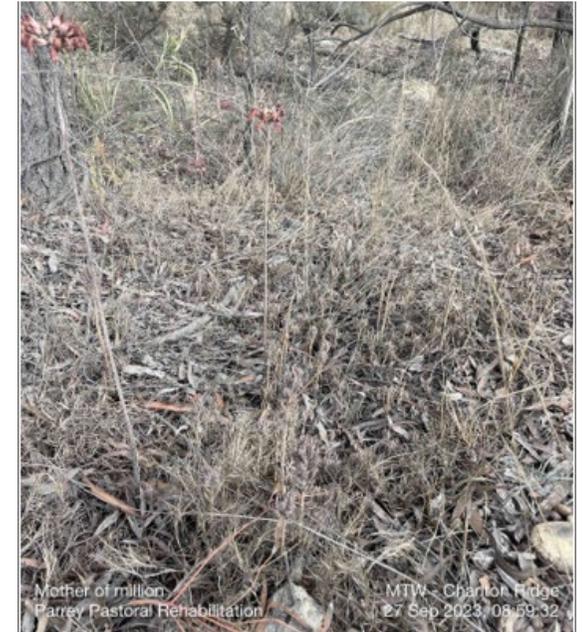


5 pigs trapped in November program at SBA5

MTW and Local BA Weed Management

Weeds targeted in MTW operational and local Biodiversity Areas in Q3 2023 included:

- Golden Wreath Wattle (*Acacia Saligna*)
- African Olive (*Olea europaea*)
- African Box Thorn (*Lycium ferocissimum*)
- Climbing nightshade (*Solanum seaforthianum*)
- African Lovegrass (*Eragrostis curvula*)
- Patterson's curse (*Echium plantagineum*)
- Green Cestrum (*Cestrum parqui*)
- Mother of Millions (*Bryophyllum delagonesse*)



Spraying of Mother of Millions at Charlton Ridge



Cut and paint Acacia Saligna



Low volume spraying Climbing Nightshade



Low volume spraying Patterson's curse

Offsets Fauna



Young emu observed in GRBA



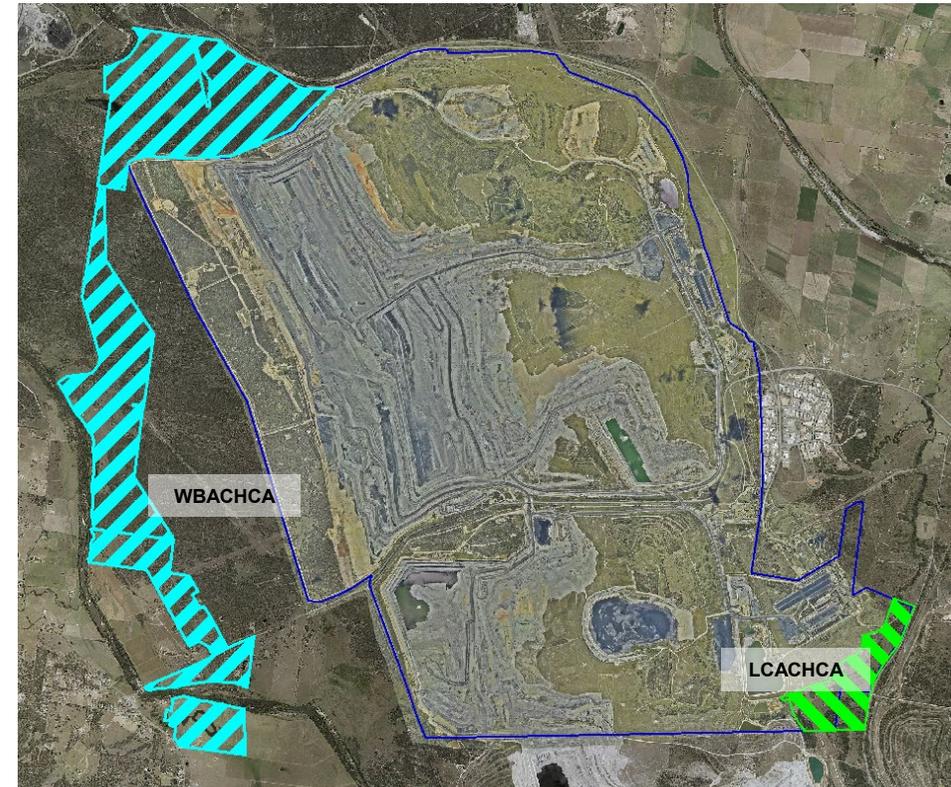
Goanna observed in SBA3



Platypus observed at Putty BA

Heritage Update

- Aboriginal Cultural Heritage Conservation Agreements finalised in November 2022, signed by delegate for Minister for the Environment.
 - WBACHCA – Wollombi Brook Aboriginal Cultural Heritage Conservation Area
 - LCACHCA – Loders Creek Aboriginal Cultural Heritage Conservation Area
 - Registration of the conservation agreements progressing with Heritage NSW.
- Community Heritage Advisory Group (CHAG) meeting held 26 June 2023
- Cultural Heritage Working Group (CHWG) meeting scheduled on 29/11/23
 - Discuss process for Plan of Management Implementation Group establishment
 - Review Management Plan updates
- Annual Inspections to occur in December
 - AHMP – Tues 5/12 & Wed 6/12
 - HHMP – Thu 7/12



MTW Aboriginal Cultural Heritage Conservation Areas

MTW Operations - Business Papers

- Business papers provided to CCC prior to meeting
- Includes summary of:
 - Complaints, Incidents, Environmental Monitoring, Rehabilitation, Website Uploads, Community Investment Update
- Appendix A, B, C - MEMR for June 2023, July 2023, August 2023
- Appendix D – September 2023 MEMR to be provided at a later date.

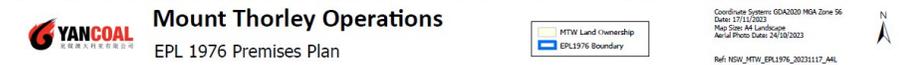
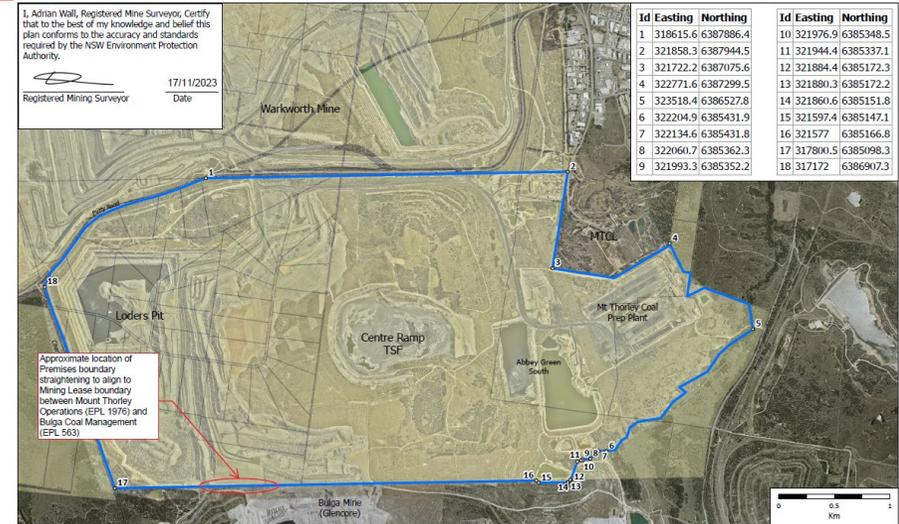
Management Plans / Reporting

- **Hunter River Salinity Trading Scheme (HRSTS) Annual Reports** - On 23/08/2023 and 25/08/2023, HRSTS report for period 2022-2023 submitted to EPA for WML EPL1376 and MTO EPL1976 respectively.
- **Management Plan Updates** - updates to the Water Management Plan, Blast Management Plan and Noise Management Plans submitted on 29/08/2023.
- **Independent Environmental Audit** - The 3 yearly independent environmental audit report was submitted to DPE on 4/8/2023. An updated response to audit findings was submitted to DPE on 21/09/2023. The response provided context on the non-compliant findings of the audit, and provided an updated response to the audit recommendations. On 22/11/2023, DPE advised the audit report satisfies the requirements of consent.
- **Mount Thorley Coal Loader EPL24 Annual Return** - On 25/09/2023, the MTCL Annual Return was submitted to EPA.
- **National Pollutant Inventory Reports** - On 28/09/2023, the National Pollutant Inventory reports for MTW and MTCL were submitted to EPA.
- **National Greenhouse and Energy Report** - Report for 2022-2023 submitted to the Federal Government Clean Energy Regulator 26/10/2023.
- **Annual Review Report** - On 20/11/2023, DPE advised the Annual Review report satisfies the reporting requirements of the consents.

MTO Environment Protection Licence Variation

Upcoming MTO Environment Protection Licence 1976 variation submission in November 2023 –

- On 2 June 2023, EPA approved variation to EPL1976, which among other changes permitted cross mining lease overburden emplacement to Bulga Coal (by temporary premises boundary amendment).
- Cross mining lease emplacement is completed.
- Bulga Coal also require one MTW Dustrak monitor to be moved from their property to enable overburden emplacement.
- A variation will be submitted to EPA to align to mining lease boundary and move the Dustrak location.



Tensar makes every effort to ensure the quality of the information available on this map. Before relying on the information on this plan, users should carefully evaluate its accuracy, currency, completeness and relevance for their purpose and should obtain any appropriate professional advice relevant to their particular circumstances. Tensar cannot guarantee and assumes no responsibility for the accuracy, currency or completeness of the information and by using this map you accept that Tensar has no liability for any loss or damage in any form whatsoever caused directly or indirectly from the use of this map. All datasets subject to survey.

ID	TYPE	MONITOR	CLASSIFICA	LOCATION	EASTING	NORTHING
3	Surface Water Monitor	Water Quality Sample	Surface Water - Watercourse	Lodgers Creek	323505.5	6386554.4
4	Discharge Point	Drain Discharge Sample	Surface Water - Discharge	DAM 9 HRS/TS Discharge	321960.5	6385331.4
5	Blast Monitor	Over Pressure and Ground Vibration	Blast Monitor	Warkworth	314311.5	6394907.4
6	Blast Monitor	Over Pressure and Ground Vibration	Blast Monitor	Wambo Road	313263.7	6388715.6
7	Blast Monitor	Over Pressure and Ground Vibration	Blast Monitor	Bulga Village	314252.9	6385593.6
8	Blast Monitor	Over Pressure and Ground Vibration	Blast Monitor	Wollemi Peak Road	315133.7	6384580.1
9	Blast Monitor	Over Pressure and Ground Vibration	Blast Monitor	Putty Road - MTIE	322585.2	6389731.4
10	Air Monitor	Particulate Matter Monitoring	Real Time Air Quality PM10	Dragline Crossing	311860	6388114.4
11	Air Monitor	Particulate Matter Monitoring	Real Time Air Quality PM10	Heavy Vehicle Bridge	320050.5	6387891.4
12	Air Monitor	Particulate Matter Monitoring	Real Time Air Quality PM10	MTIE	321655.5	6388798.4
13	Air Monitor	Particulate Matter Monitoring	Real Time Air Quality PM10	MTO Boundary	320490.1	6385556.6
M4:1	Met Monitor	Meteorological	Meteorological Monitoring Station	Charlton Ridge Met Station	318494.5	6387406.4



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MTO Environment Protection Licence Variation

MTO - Bulga Coal - Cross Mining Lease Overburden Emplacement 2023 To achieve common approved final landform

Indicative common mining lease boundary.

Approximate location of cross mining lease overburden emplacement with Bulga Coal to achieve shared final landform

New rehabilitation works subsequently able to be progressed at MTO in 2023



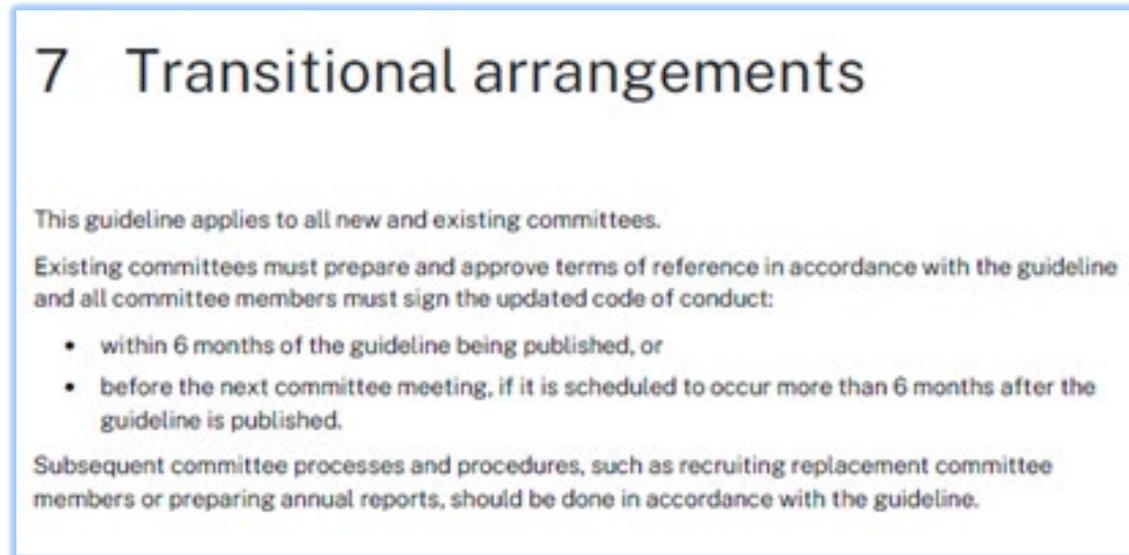
Agenda

1. Welcome (Col)
2. Apologies (Col)
3. Declaration of pecuniary interests / conflicts of interest / Conflict of Interest Forms / Code of Conduct Forms (Col)
4. Business Arising (Col)
5. Correspondence (Col)
6. Confirmation of the previous meeting's minutes (Col)
7. Proponent reports and overview of activities
 - Progress of the project, environmental monitoring and performance, community complaints
8. Other agenda items
 - MTW CCC Terms of Reference
 - Upper Hunter Mining Dialogue Update
 - Dust Management (Ian Hedley)
9. General business
10. Next meeting

Other Agenda Items

Updated DPE CCC Guidelines (June 2023), Updated Code of Conduct Form, Updated Declarations of Interest Form, MTW CCC Terms of Reference

- DPE updated CCC guidelines and other forms/template were distributed with Business Papers.
- A reproduction of Section 7 of the CCC guidelines is below:



The CCC guidelines (June 2023) require us to do two things by end of 2023 (within 6 months of June 2023):

- 1. have our **MTW CCC Terms of Reference** prepared and approved (a copy was prepared, endorsed for distribution by Chair, and distributed with Business Papers),
- 2. Have all CCC members to **sign the updated Code of Conduct**.

Other Agenda Items

- **Upper Hunter Mining Dialogue Update**

Other Agenda Items

Dust Management

- Ian Hedley – Dust Management / EPA complaint

Dust management – EPA Bust the Dust Campaign

- MTW has had 5 x visits from EPA in October/November for the publicised Bust the Dust campaign.
 - Feedback from EPA communicated at site to highlight EPA expectations.
- EPA hosted a community information session on Bust the Dust in Muswellbrook on 25 October 2023. MTW communicated this event to CCC members.

Dust management – MTW Air Quality Management Plan

- MTW Air Quality Management Plan – provides the proactive and reactive measures implemented to mitigate dust emissions. Also the air quality monitoring program.
- AQMP available on MTW website (for reference ([https://www.mtwcoal.com.au/content/Document/Environment/EnvironmentalManagementPlans/MTW%20Air%20Quality%20Management%20Plan%20V4.1 Approved.pdf](https://www.mtwcoal.com.au/content/Document/Environment/EnvironmentalManagementPlans/MTW%20Air%20Quality%20Management%20Plan%20V4.1%20Approved.pdf)))

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9. **General business**
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General Business - Community update

MTW Amenity Resource – Tank Cleaning

- Amenity works recognising air quality contribution by MTW
 - Invitation to participate remains open
- Year to Date works have included:
 - 42 tanks cleaned, further 5 pending
 - 12 new filtered water taps installed
 - Water deliveries offsetting usage in cleaning
 - Spare & replacement filter supplies
- Works across 17 residences & 2 community buildings to date
- Program expected to revert to a staggered 2 year cycle in future years

General Business - Community update

Bulga Service Station / Shop update

- Progressing, but no significant change since last meeting. Architectural Plans prepared for redevelopment option, previously have been looking at renovation option.
- Current plan concepts shared with CCC members which would include similar services to present (retail shop, bottle shop, kitchen).
- Plans include retention of 'Bird Cage' structure, however, this is subject to the extent of remediation of current site. If 'Bird Cage' is required to be demolished, community feedback has requested the opportunity to dismantle and remove the structure to enable erection by the community elsewhere.
- Plans are subject to change based on existing contamination which requires remediation, the extent of the remediation is not fully understood.

General Business - Community update

Community Support Program

The Community Support Program has continued. The following organisations are being supported in 2023 through the CSP.

Organisation	Project	Sponsorship Amount 2023
Business Singleton	2023 International Women's Day luncheon 2023 Singleton Business Awards	\$ 7,500.00
Food Pantry Singleton	Supply of fresh vegetables for weekly distribution.	\$ 2,000.00
Maitland Regional Art Gallery	Liz O'Brien Artist Bursary	\$ 3,000.00
Milbrodale Public School P&C	Covered Walkways	\$ 25,000.00
Rotary Club of Singleton	2023 Singleton Art Prize	\$ 5,000.00
Singleton AFC	2023 Medical and Sports Training Supplies	\$ 2,028.16
Singleton Amateur Swimming Club	Construction of storage shed	\$ 17,502.89
Singleton Council	Christmas on John St 2023	\$ 6,500.00
Singleton Council	Singleton Library - Purchase 6 x Victor Reader Stratus 4M machines	\$ 4,500.00
Singleton Fire Brigade Social Club	Santa Lolly Run 2023	\$ 500.00
Singleton Ladies Golf Club	Singleton Ladies Golf Club Open Day 2023	\$ 500.00
Singleton PCYC	School Holiday Activities	\$ 3,000.00
Singleton Junior Rugby Club	Training equipment replacement	\$ 5,000.00
Singleton U3A	Brochure funding	\$ 1,500.00
St Catherine's Catholic College	Dream Cricket equipment	\$ 1,885.00
Westpac Rescue Helicopter	Hunter Valley Mining Charity Rugby League Day 2023	\$ 3,000.00
University of Newcastle	Upper Hunter Science & Engineering Challenge	\$ 11,423.00
University of Newcastle	Upper Hunter SMART Schools program	\$ 18,094.00



MTW Community Support Program 2024

em POWERING
COMMUNITY
SUPPORT



NEED FUNDING TO HELP IMPROVE OUR LOCAL COMMUNITY?

Yancoal Community Support Program call for applications

Mt Thorley Warkworth is a proud and active member of the local community. Yancoal's 2024 Community Support Program offers community groups the opportunity to apply for funding to support projects, events and initiatives that help make a genuine positive difference to the Singleton Region.

If you have a project or idea with the potential to benefit others across the areas of health, community, environment, arts, culture, education or training, please visit: www.mtwcoal.com.au/page/community/

**Applications close
on 30th September 2023**



- The MTW CSP was advertised in Singleton Argus, Hunter River Times and the Coalface magazine.
- Application forms are available on the MTW website (www.mtwcoal.com.au).
- Applications closed **30th September 2023**.
- 22 applications received for 2024 CSP funding – currently being assessed.



General Business

General Business – other?

Agenda

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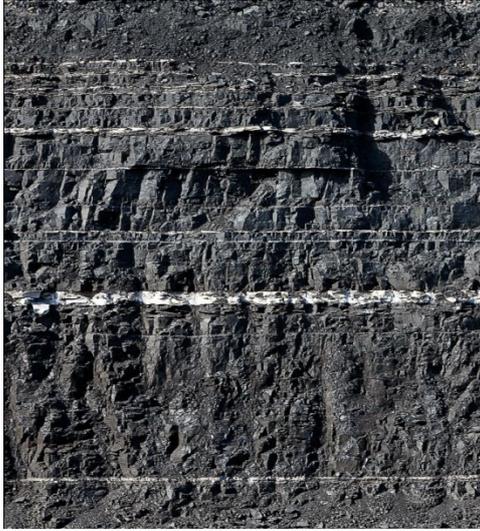
Future Dates

Next Meeting Date

Date: February 21 November 2024

Time: 2:00PM - 4:00PM

Location: Boardroom, North Warkworth Building



Mount Thorley Warkworth Community Consultative Committee (CCC)

BUSINESS PAPERS November 2023

Contents page

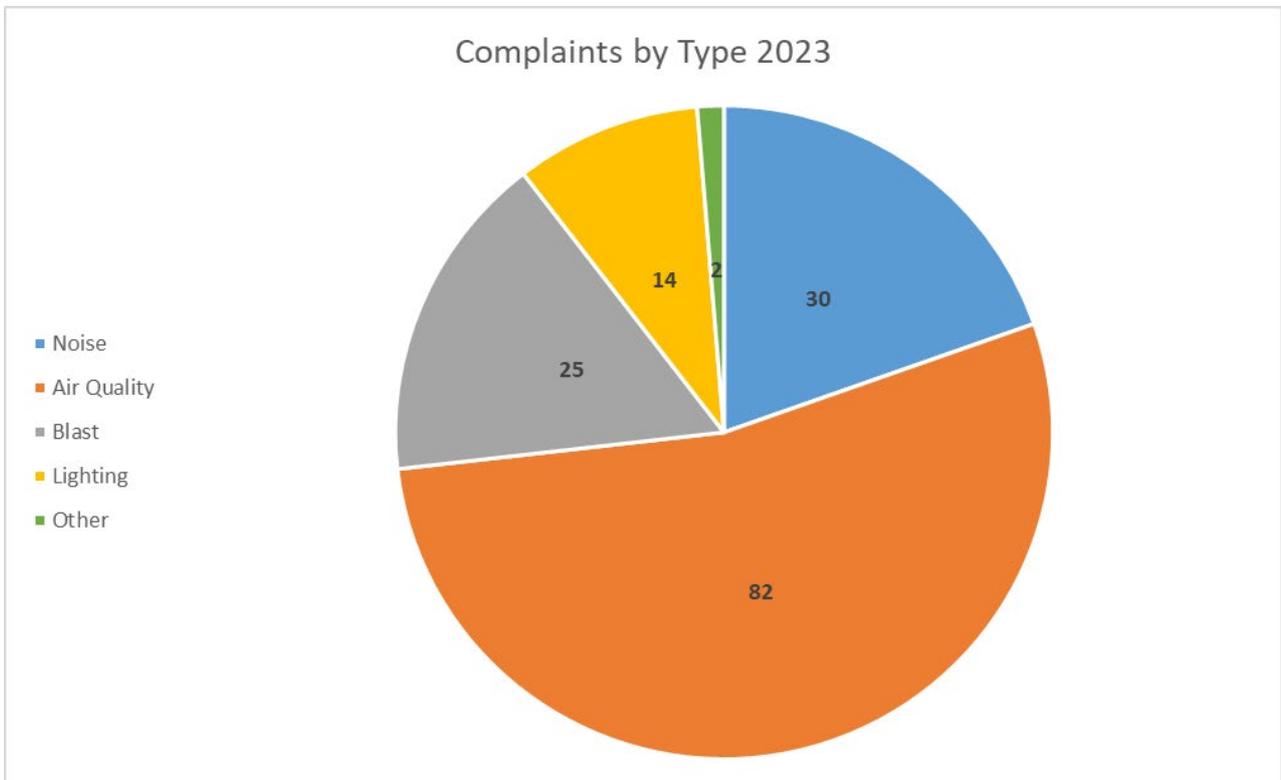
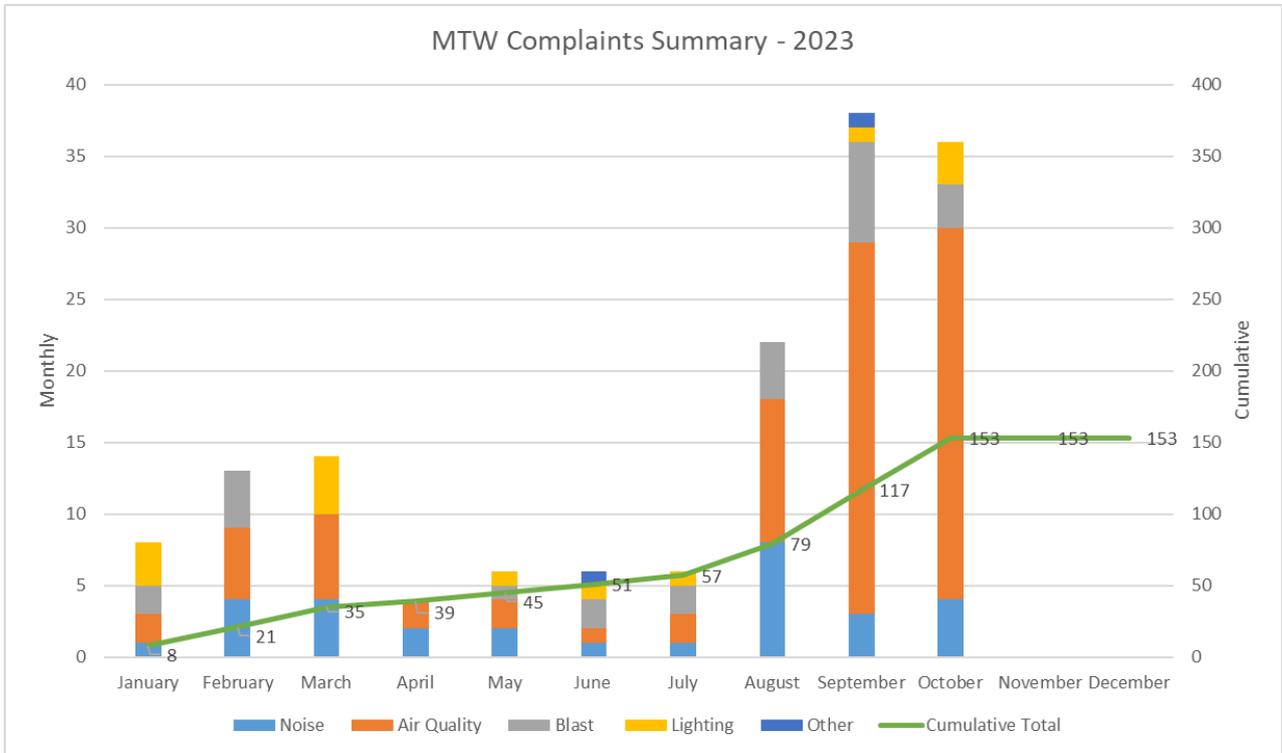
1	Complaints.....	3
2	Incidents	4
3	Environmental Monitoring.....	5
4	Rehabilitation Plan	6
5	Yancoal Community Support Program.....	14

Appendices

- Appendix A – Environmental Monitoring Report June 2023 (included as not provided subsequent to August 2023 CCC Meeting)
- Appendix B – Environmental Monitoring Report July 2023
- Appendix C – Environmental Monitoring Report August 2023
- Appendix D – Environmental Monitoring Report September 2023 (to be provided at a later date)

1 COMPLAINTS

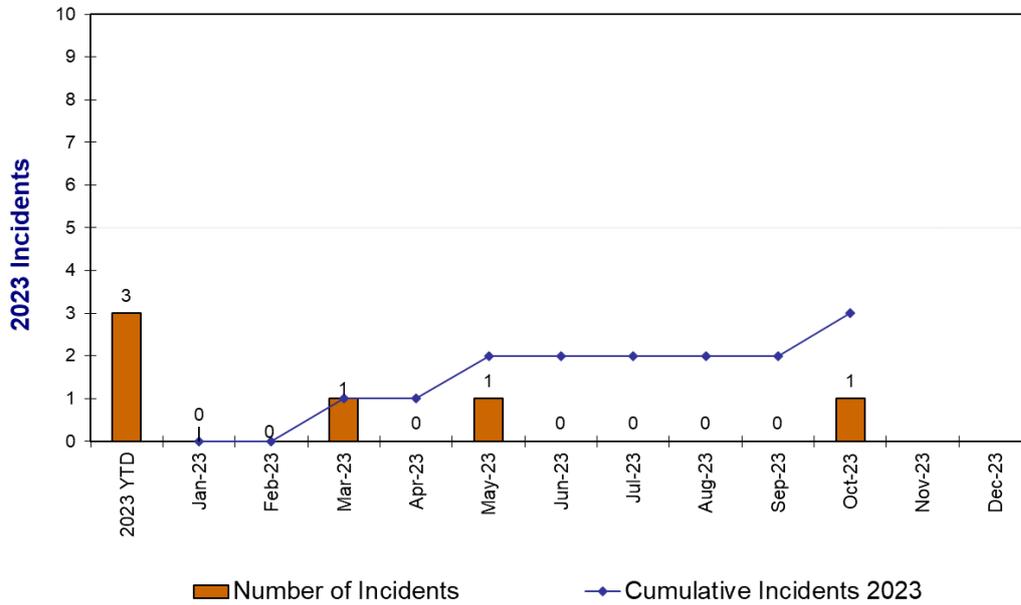
Complaints overview for period – 1 January 2023 to 31 October 2023



2 INCIDENTS

Environmental incidents overview for period – 1 January 2023 to 31 October 2023

MTW Environmental Incidents 2023



Incident Summary for the period 1 January 2023 to 31 October 2023

Date	Details	Key Actions	Aspect
16/10/23	Community complaints register not updated within required timeframe on MTW website	Public version of complaints register updated to include details of all complaints to end of September 2023, and this was uploaded to website on 18 October 2023	Reporting

3 ENVIRONMENTAL MONITORING

Monthly summaries of environmental monitoring:

- **June 2023** - Attached as **Appendix A** (included as not provided subsequent to August 2023 CCC Meeting)
- **July 2023** - Attached as **Appendix B**
- **August 2023** - Attached as **Appendix C**
- **September 2023** – **Appendix D** (to be provided at a later date)

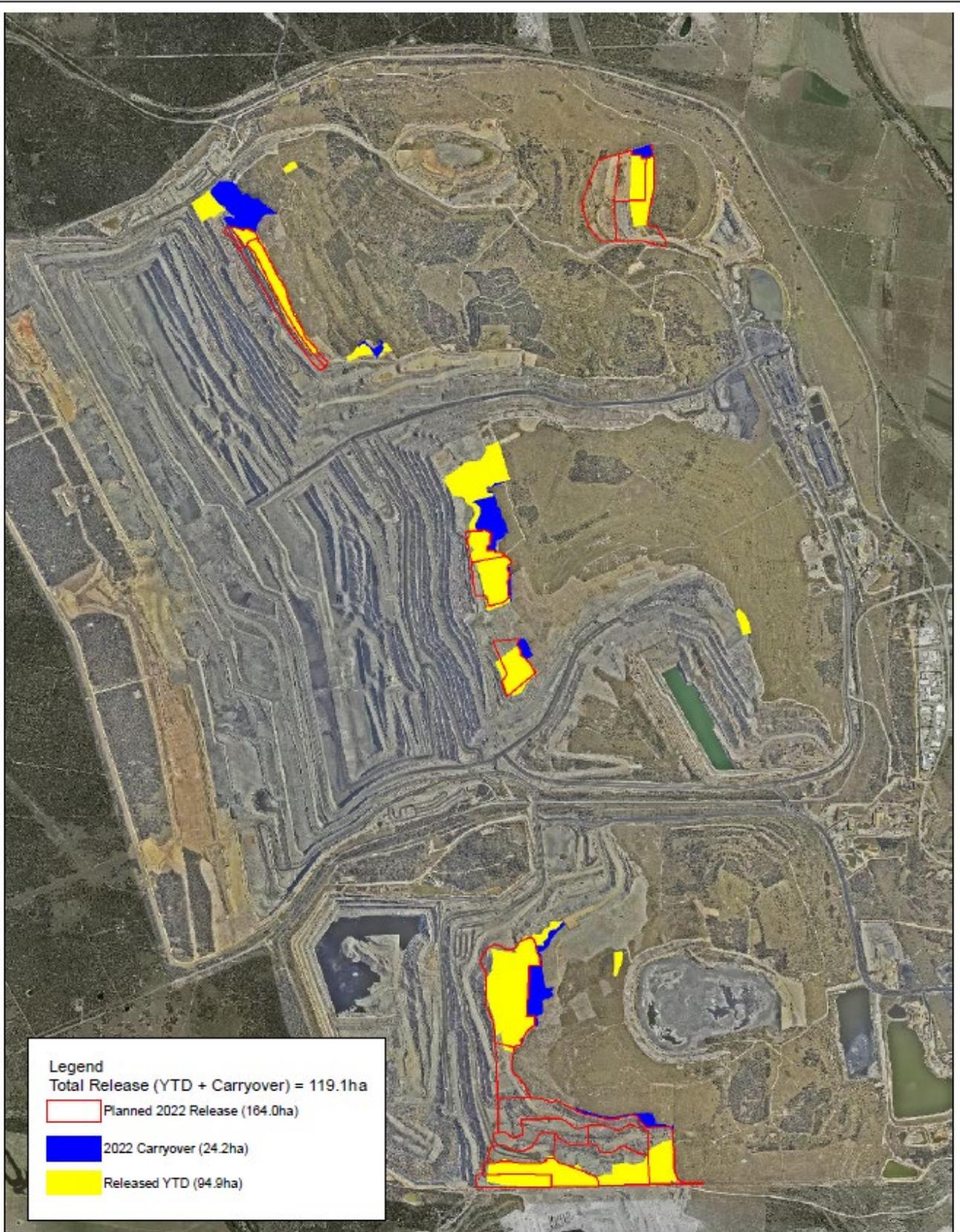
4 REHABILITATION PLAN

The rehabilitation planned for 2023 is 90ha which is consistent with the Rehabilitation Management Plan target for 2023. The planned total disturbance is 90.2ha.

The rehabilitation and disturbance progress to the end of October 2023 are presented in the maps below. There is currently 119.1ha of dump released for rehab; and 73.8ha of this area had been progressed to be bulk shaped. Topsoil has been spread on 61.9ha and is awaiting soil ameliorants to be applied to be ready for seeding.

To the end of July 2023, 106.5ha of land has been disturbed to allow for mine progression in North and West Pits in Warkworth.





Legend
 Total Release (YTD + Carryover) = 119.1ha

- Planned 2022 Release (164.0ha)
- 2022 Carryover (24.2ha)
- Released YTD (94.9ha)



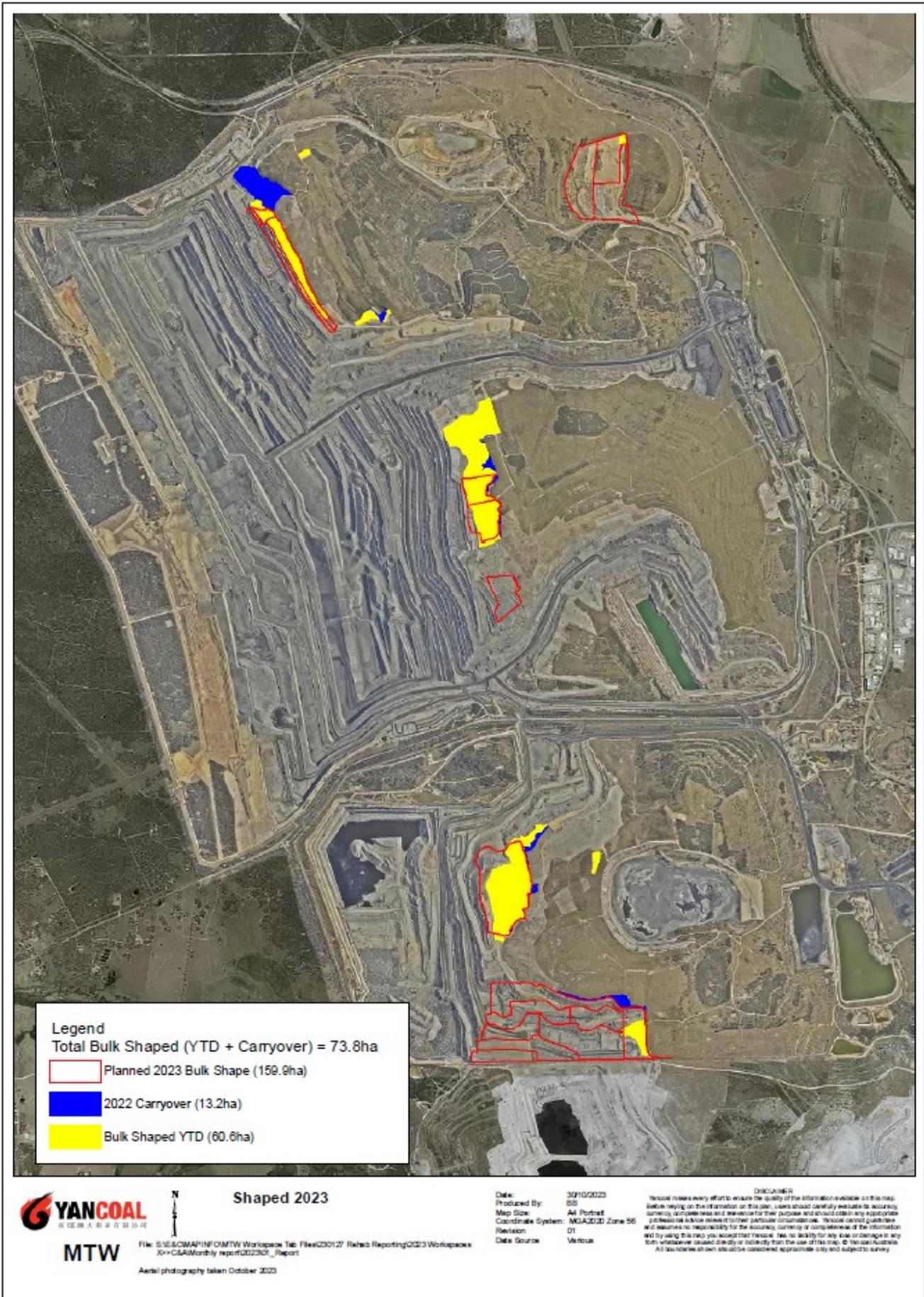
Released 2023

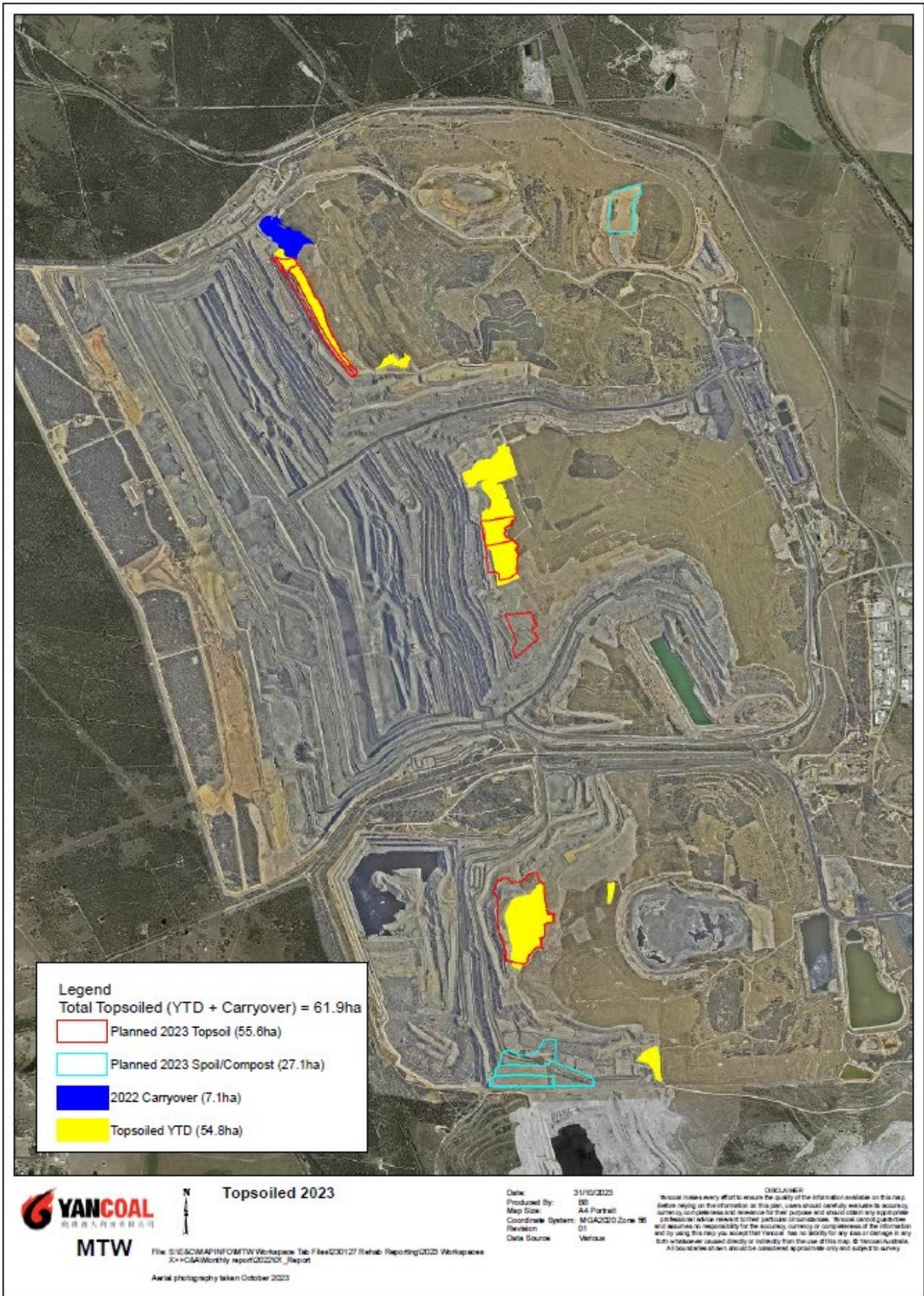
File: S:\SCOMAP\INFORM\MTW\Workspace Tab Files\200127 Rehab Reporting\2023 Workspace
 X:\C&A\Monthly report\202301_Report

Aerial photography taken October 2023

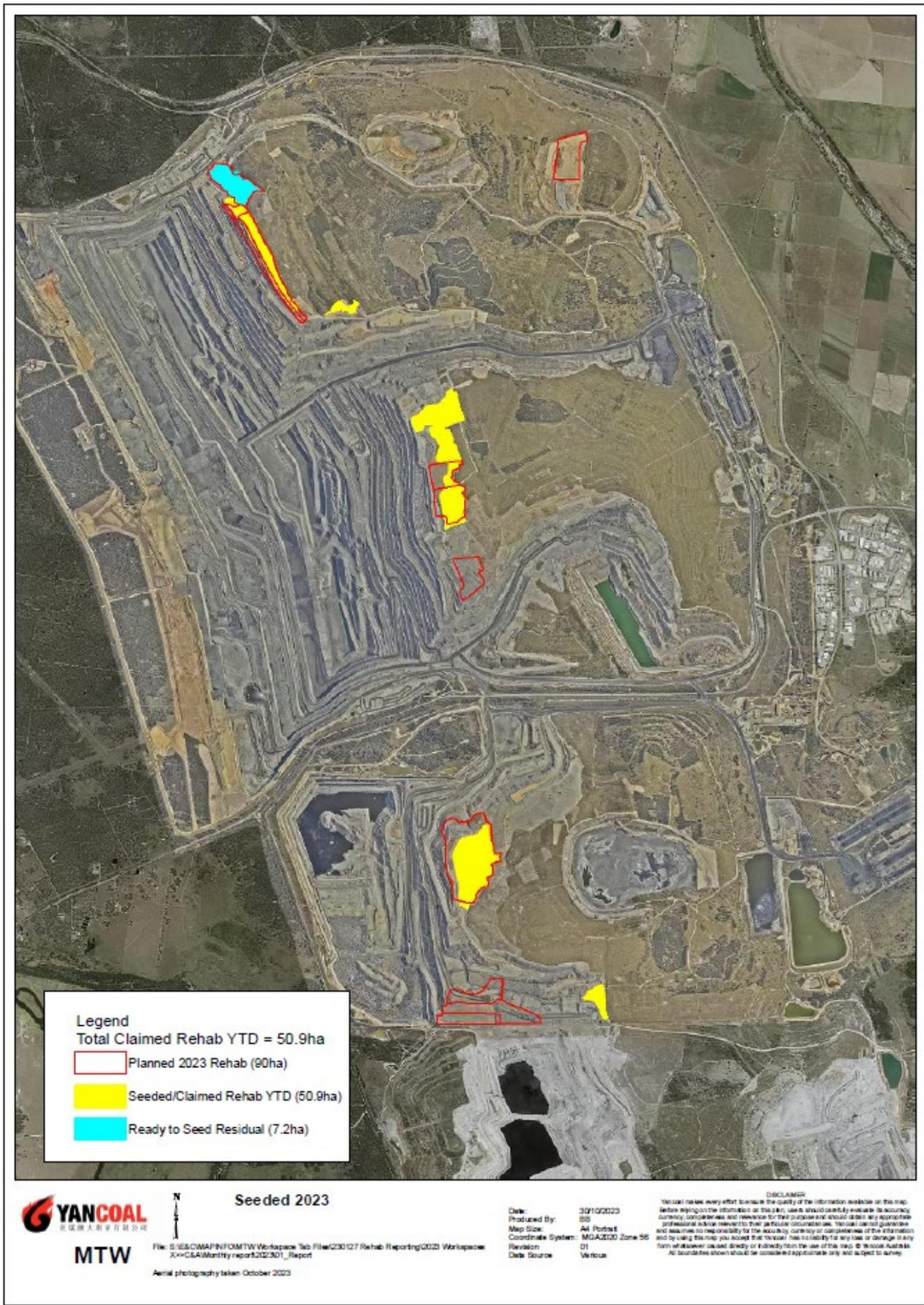
Date: 30/10/2023
 Produced By: SS
 Map Size: A4 Portrait
 Coordinate System: MGA2020 Zone 56
 Revision: 01
 Date Source: Veritas

DISCLAIMER
 Yancoal makes every effort to ensure the quality of the information available on this map. Before relying on the information on this plan, users should carefully evaluate its accuracy, currency, completeness and relevance for their purpose and should obtain any appropriate professional advice relevant to their particular circumstances. Yancoal cannot guarantee and assumes no responsibility for the accuracy, currency or completeness of the information and by using this map you should that Yancoal has no liability for any loss or damage in any form whatsoever caused directly or indirectly from the use of this map. © Yancoal Australia. All boundaries shown should be considered approximate only and subject to survey.









Website Uploads

The table below is a list of all new documents uploaded to the MTW's website from 17 August 2023 to 9 November 2023. Please refer to MTW's new website under "Environment":

<https://www.mtwcoal.com.au/page/environment/>

Document Title	Upload
MTW Complaints register 2023 (to April)	18/08/2023
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data July 2023	24/08/2023
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data August 2023	29/09/2023
MTW Community Consultative Committee - August 2023 - Minutes, Presentation & Business Papers	11/10/2023
MTW Complaints register 2023 (to September)	18/10/2023
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data September 2023	26/10/2023
Mount Thorley Warkworth Environmental Monitoring Report June 2023	9/11/2023
Mount Thorley Warkworth Environmental Monitoring Report July 2023	9/11/2023
Mount Thorley Warkworth Environmental Monitoring Report August 2023	9/11/2023

5 YANCOAL COMMUNITY SUPPORT PROGRAM

The CSP invests in community groups working in the areas of health, social and community, environment, education and training. The following organisations are being supported in 2023 through the CSP.

Organisation	Project
Business Singleton	2023 International Women's Day luncheon 2023 Singleton Business Awards
Food Pantry Singleton	Supply of fresh vegetables for weekly distribution.
Maitland Regional Art Gallery	Liz O'Brien Artist Bursary
Milbrodale Public School P&C	Covered Walkways
Rotary Club of Singleton	2023 Singleton Art Prize
Singleton AFC	2023 Medical and Sports Training Supplies
Singleton Amateur Swimming Club	Construction of storage shed
Singleton Council	Christmas on John St 2023
Singleton Council	Singleton Library - Purchase 6 x Victor Reader Stratus 4M machines
Singleton Fire Brigade Social Club	Santa Lolly Run 2023
Singleton Ladies Golf Club	Singleton Ladies Golf Club Open Day 2023
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Singleton Rugby Club	Training equipment replacement
Singleton U3A	Brochure funding
St Catherine's Catholic College	Dream Cricket equipment
Westpac Rescue Helicopter	Hunter Valley Mining Charity Rugby League Day 2023
University of Newcastle	Upper Hunter Science & Engineering Challenge
University of Newcastle	Upper Hunter SMART Schools program

The 2024 round of applications closed 30 September 2023. Applications presently being assessed for 2024 CSP funding.

For information please visit our website at <https://www.mtwcoal.com.au-page-community-community-support-program-> or email mtw.csp@yancoal.com.au

Appendix A: June 2023 Monthly Environmental Monitoring Report

Appendix B: July 2023 Monthly Environmental Monitoring Report

Appendix C: August 2023 Monthly Environmental Monitoring Report

Appendix D: September 2023 Monthly Environmental Monitoring Report

**This Appendix will be provided at a later date.*