

**Minutes of the Mount Thorley Warkworth  
Community Consultative Committee Meeting Q2 2022**

**Date:** Wednesday 26 May 2022

**Location:** MTW and Teleconference

**Time:** 2pm – 4pm

**Attendees**

Colin Gellatly (CG - Chair)  
Gary Mulhearn (GM)  
Joshua van Bezouwen (JVB)  
David Bennett (DB)  
Ian Hedley (IH)  
Barb Brown (BB)  
Denis Maizey (DM)  
Stewart Mitchel (SM)  
Cr. Hollee Jenkins (HJ)

**Role**

Independent Chairperson MTW CCC  
MTW Environment & Community Manager  
MTW Environment & Community Advisor  
MTW General Manager  
Community Representative  
Community Representative  
Community Representative  
Community Representative  
Singleton Council

**1. WELCOME**

- CG opened the meeting and welcomed CCC members.
- GM welcomed CCC members to first meeting on site at MTW following COVID.

**2. APOLOGIES**

- GM advised apology for Neville Hodgkinson (NH) and Antoinette Silk (AS).

**3. DECLARATION OF PECUNIARY INTEREST / CONFLICT OF INTEREST**

- **Standing Declarations:** Col advised that he is engaged by MTW to provide the services of Independent Chairperson.

**4. BUSINESS ARISING**

**Action Items arising from the 23 February 2022 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.

**Business Arising Action 1:** MTW CCC Meeting to include opportunity for VPA public information to be shared

- GM advised the Singleton Council MTW VPA and associated minutes are publicly available on the council's website. Email was sent to CCC members prior to the meeting providing further information.

**Business Arising Action 2:** MTW share information in relation to the aerial seeding that occurred in late 2021.

- Refer to presentation for details.
- SM asked what air strip was used for the aerial seeding. GM advised that an off-site private airstrip was used. The old RAAF air strip on MTW land has been used before, but was not used on this occasion.

- HJ enquired if the aerial seeding is part of the site rehab works. GM advised that the aerial seeding is completed to reduce airborne dust by stabilising inactive areas on site that are not at final landform level.

## 5. CORRESPONDENCE

- 13/05/22 -CCC Q1 2022 Meeting Minutes Draft, and Agenda for Q2 meeting 26 May 2022.
- 20/05/22 -Business Papers and reminder for RSVPs for meeting.
- 24/05/22 –CCC Q1 2022 Meeting Minutes Endorsed by Chair
- 25/05/22 – Information on MTW’s VPA publicly available information on Singleton Council website

## 6. CONFIRMATION OF THE PREVIOUS MEETING'S MINUTES

Confirmed at today's meeting by CG.

## 7. PROPONENT REPORTS AND OVERVIEW OF ACTIVITIES

### **MTW Operations**

*Refer to presentation*

- GM advised that MTO ceased coal production in 2021, load and haul waste will continue to be dumped in the pit from WML. At 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. Normal load and haul operations have continued, some interruption to planned activity with rainfall March (>300mm), and follow up rain in April. Licenced Hunter River Salinity Trading Scheme (HRSTS) discharge operations occurred in March-April 2022 with over 2 GL water discharged from the Dam 9S MTO licenced discharge point.

### **North Out Of Pit Dam (NOOP)**

*Refer to presentation*

- GM discussed construction of the NOOP dam. Mid February 2022 - the main excavation commenced using a mining excavator. Blasting activities expected to commence Aug-Sep 2022. GM advised that a newsletter will be sent out to residence with details on blasting and road closure for the works.

### **Exploration**

*Refer to presentation*

- All exploration sites for 2022 are on MTW owned land, and within mining and exploration tenements.
- 2022 Exploration program to commence June and process through to October.
- Notification to government agencies provided for up to 28 sites. Drilled sites in 2022 will be less than this.
- IH asked how bores do not impact ground water with possible interaction with fresh water and saline water. GM advised that explorations bores are grouted when completed. Exploration bores are typically not located in alluvial water source areas, but rather in the coal seams and sandstones. GM advised the alluvium is located closer to the Wollombi Brook to the west.

### **Monitoring**

*Refer to presentation for data – YTD 2022*

- JVB presented equipment downtime / Community Response Officer (CRO) noise assessments and operational changes for nights above noise limits.
- GM advised that a new real time noise compass on Wambo has been installed and is operational.
- DM enquired about the hand held noise readings that are available on MTW Insite website. GM clarified that measurements marked as NA where not able to be completed due to other noise sources (e.g. wind, dogs, road traffic, rain) that does not allow the measurement of the MTW mining noise sources to be completed.
- DM requested specific noise from the previous night to be provided from the Wambo Road Noise Compass.

***Action 1: MTW to provide DM noise data from Wambo Road Noise compass from 10:30-11:30pm 25/05/2022.***

- SM asked what the time period the CRO hand held measurements are and if they can pick up spikes in level such as a rock being dropped in the back of a haul truck. GM explained the CRO hand held noise measurement process and confirmed the measurements completed acoustic consultant for monthly compliance monitoring will capture the spikes in noise levels.
- SM asked why noise measurements are not completed during the morning period, and noted that temperature inversions may be present in the morning and may create noise amplification. GM advised that the most suitable time to complete noise measurements is during the night period when conditions are most suitable to capture the noise level from the site, including temperature inversion conditions where present. Noise measurements are currently being completed in line with site noise management plan as approved by the regulator. The regulator has agreed that daytime noise readings are not useful for monitoring noise impacts, so MTW is not required to monitor in daytime hours in the approved noise management plan. BB and SM requested for noise measurements to be completed in the morning period.
- GM provided further details on how noise levels are attributed to mining noise sources, including exclusion/filtering out of higher frequencies (e.g. frogs/insects). Some noise sources cannot be filtered out in this way when they are the same frequency as mining noise (e.g. dogs or road traffic). GM committed to completing an investigation of completing noise measurements in the morning period.

***Action 2: MTW to undertake some noise measurement to investigate noise levels in the morning period 7-9am.***

### **Rehabilitation / Disturbance 2021**

*Refer to presentation*

- GM advised that the disturbance target for 2022 includes disturbance associated with the NOOP Dam construction in previously rehabilitated areas on Tailings Dam 1 dump area.

### **Vertebrate Pest Management 2021**

*Refer to presentation*

- *GM advised several control programs will be completed during 2022 in the Biodiversity areas.*
- IH advised that he had been very successful operating baiting programs on his property. IH noted that he has found these programs most successful when they are coordinated across different land holdings. GM confirmed the same with MTW coordinating with neighboring properties including Local Land Services.

## **Weed Management 2021**

*Refer to presentation*

- BB asked if MTW is involved with Local Land Care, GM advised that personnel from MTW are involved with the district weed and pest management forums.
- IH noted he has noticed an increase in exotic grasses (African Lovegrass) on his property and along roadside, he asked if MTW has noticed similar. GM to follow up with land management personnel.

***Action 3: MTW to share information on whether African Lovegrass on MTW managed lands may be increasing.***

## **Northern and Southern Biodiversity Area (BA) Planting Program 2021**

*Refer to presentation*

## **Historic & Cultural Heritage Management**

*Refer to presentation*

- GM advised the Historic Heritage Management Plan has been sent out to the CHAG for review late last year ahead of an update to the management plan in 2022.
- SM enquired on the progress of works at the RAAF and Springwood. GM advised above average rainfall has limited access to the sites. Works are progressing and scheduled to be completed this year.
- SM enquired if the Wollombi Brook Aboriginal Conservation will be classified as protected and who will look after the land following mining. GM advised that the area will be classified as a conservation area for what activities can happen on the land. The long term plan is to hand the conservation area over to an Aboriginal entity that will manage the land. Until the land is handed over to an appropriate entity, MTW will manage the land.

## **Business Papers**

Business papers were provided to CCC members on the Friday (hardcopies delivered on Monday) 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 December 2021, January and February 2022 were provided. March MEMR to be provided at a later date.

## **Management Plans / Reporting**

- Annual Review Report 2021 submitted to DPE and Resources Regulator 31 March 2022.
- Exploration Licences Annual Reports submitted to Resources Regulator EL7712 (24/3/22) and EL8824 (14/3/22).
- Offsets annual compliance reports submitted to DPE and Federal Division of Water and Agriculture on 3 May 2022.

## **8. OTHER AGENDA ITEMS**

### **Mining Lease for MTCL**

*Refer to presentation*

- GM advised Mining Lease 1828 was granted over the Mount Thorley Coal Loader site for ancillary mining activities, effective from 25/2/2022. The mining lease application (MLA 548) was submitted in November 2017. It is for ancillary mining activities only (e.g. railway, conveyors, coal bins, management of coal at the

coal loader, rehabilitation – no coal extraction within this mining lease). The granting of ML1828 means the Resource Regulator now regulates that new mining lease, including rehabilitation of that mining lease.

## **9. GENERAL BUSINESS**

### **General Business MTW – Lemington Underground Water Storage & WML Workshop Modification**

*Refer to presentation*

- GM provided CCC with an update on the Lemington Underground Water Storage & WML Workshop Modification Update. Modification applications lodged, the application and accompanying documents were on exhibition from 5-18 October 2021. MTW provided DPIE with a response to submissions 20/12/21 which should be available on the Department of Planning, and Environment's website.
- Further response to a request for information provided to DPIE on 14/2/22.
- Modification at the stage of determination, expecting response in the near future.

### **General Business MTW Communications Tower – Charlton Ridge**

*Refer to presentation*

- GM advised that a 50m communications tower will be constructed within approved/historical disturbance area on Charlton Ridge adjacent existing towers in line with comply development approval. Construction to commence June 2022.
- IH provided an updated on seeking Telstra infrastructure to provide mobile reception to the Bulga Milbrodale area. Black spot program currently sitting with government awaiting funding determination. IH advised he is intending to approach new minister for communications.

### **General Business MTW - Community Support Program (CSP)**

*Refer to presentation*

#### **General Business - CCC Members**

- SM enquired with CG in recent days about a survey at other CCC's. CG or GM are not aware of what this is about, and CG has enquired with DPE and is awaiting a response. CG indicated he'd follow up with the chair of the Bulga Coal CCC on this matter.

#### **Action 4: CG to follow up with Bulga Coal chairperson / DPE regarding a CCC survey raised by SM.**

- BB provided an update on the Baiame cave meeting recently held and upcoming meeting in relation to the Conservation Management Plan and potential funding with government bodies. BB asked that a representative of MTW attend. GM advised that he attended the previous meeting and cannot make the upcoming meeting Monday.
- DM questioned about the highest dump height at MTW. DB advised that the highest part of the dumps is RL 190 at WML and RL 150 at MTO.
- DM asked for clarification on how the CRO hand held measurements are completed and requested to be shown how noise measurements are completed. GM advised how noise measurements are completed and offered to shown Dennis how measurements are completed.

#### **Action 5: MTW to catch up with DM to explain how noise measurements are completed.**

- DM enquired if MTW will be holding any upcoming community meetings. GM advised that a community meeting was planned prior to the start of the COVID pandemic, and now that we are emerging from that, a community meeting for MTW can now be scheduled in 2022.
- DM enquired if it was possible for the CCC to complete a site tour of the Goulburn River Biodiversity area after seeing progressing rehab works. GM advised that this would be possible.

***Action 6: MTW to offer CCC opportunity to visit the Goulburn River Biodiversity area.***

- SM asked for clarification on MTW's current SSD's and why one is needed for MTO given coal extraction has finished. GM advised that there is currently an SSD development consent for both MTO and WML which will expire in 2037. A development consent is required for MTO as there is coal processing, tailings deposition, water management, overburden emplacement and rehabilitation activities ongoing. GM noted that there is a small approved coal pit (Abbey Green North) in MTO which is currently not proposed to be extracted. GM also advised that despite the development consents expiring in 2037, there is a condition in the consent which means that the consent will continue to operate, except for coal extraction, until the site has completed rehabilitation.
- SM asked about the Convict Trail Project and suggested the install of a public notice board to display information. SM asked about possible sign location near Putty and Charlton Road intersection and enquired about crown land MTW is using. GM advised that the use of the crown land can be explored and would organize a meeting with CTP to progress the sign.

***Action 7: MTW arrange meeting with the Convict Trail Project to progress an opportunity for Convict Trail information board.***

- SM enquired about water filters and tank cleaning. GM advised this continues to operate as an amenity resource noted in the Social Impact the process of apply for amenity resource and cleaning will be provided in the upcoming newsletter.
- SM presented to the CCC a photo he had taken of blast emission over MTW site which SM noted only contained black coal dust and expressed concerns for air quality.
- SM enquired if a site tour of MTW would be possible for the CCC. GM advised an inspection will be offered to CCC members.

***Action 8: MTW to arrange site tour of MTW for CCC members.***

- IH raised concerns about traffic pulling out of Lydes Lane onto Putty Road. IH suggested replacing the giveaway sign with a stop sign and additional speed signs in the industrial estate. GM advised that MTW does not manage the roads in the industrial estate, they are public roads that are managed by Singleton Council and Transport for NSW.
- HJ requested Gary to provide details on the roads IH raised concerns on to provide details to relevant person at Singleton Council.

***Action 9: GM to provide HJ with details of roads and intersections raised in CCC meeting in Lydes Lane and Mount Thorley industrial estate for suggested review by Local Traffic Committee.***

- HJ confirmed that the referral of the former Wallaby Scrub Road intersection with Putty Road is still on the agenda for the Local Traffic Committee.

## **10.NEXT MEETING**

Next CCC Meeting: Tuesday 16 August 2022, 2pm

**MEETING CLOSED 4:20pm.**

### **SUMMARY OF ACTIONS**

- Action 1: MTW to provide DM noise data from Wambo Road Noise compass from 10:30-11:30pm 25/05/2022.***
- Action 2: MTW to undertake some noise measurement to investigate noise levels in the morning period 7-9am.***
- Action 3: MTW to share information on whether African Lovegrass on MTW managed lands may be increasing.***
- Action 4: CG to follow up with Bulga Coal chairperson / DPE regarding a CCC survey raised by SM***
- Action 5: MTW to catch up with DM to explain how noise measurements are completed.***
- Action 6: MTW to offer CCC opportunity to visit the Goulburn River Biodiversity area.***
- Action 7: MTW arrange meeting with the Convict Trail Project to progress an opportunity for Convict Trail information board.***
- Action 8: MTW to arrange site tour of MTW for CCC members.***
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# Mount Thorley Warkworth (MTW)

Community Consultative  
Committee (CCC)

Thursday 26 May 2022

Time:

2pm – 4pm

Location:

MTW Boardroom & Teleconference

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 (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
9. General business
10. Next meeting

# 1. Welcome



## Warkworth Mining Limited EMERGENCY EVACUATION PROCEDURES

### ACTION TO BE TAKEN ON DISCOVERING A FIRE OR OTHER EMERGENCY

1. ALERT PERSONS NEARBY OF THE SITUATION.
2. EXTINGUISH THE FIRE IF ABLE TO DO SO WITH SAFETY
3. IF NOT ABLE TO PERFORM 2) NOTIFY RECEPTION OF THE EMERGENCY
3. FOLLOW THE EVACUATION PROCEDURES.

### ACTION TO BE TAKEN TO EVACUATE THE BUILDING.

1. FOLLOW INSTRUCTIONS OF THE WARDENS.
2. CLOSE YOUR OFFICE DOOR AND TAKE THIS SIGN WITH YOU.
3. WALK TO THE NEAREST EXIT – DO NOT RUN.
4. PROCEED TO THE EMERGENCY MUSTER POINT ABOVE THE FIRE DAM
4. DO NOT RETURN TO WORK AREA FOR ANY REASON.

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# Apologies

Apologies – Neville Hodkinson, Toni Silk

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# 3. Declaration of pecuniary interests / conflicts of interest

## ***All members must declare interests.***

These declarations should include any pecuniary or other interest (including any payment, gift or benefit) intended or likely to influence - or that could be reasonably perceived by an impartial observer as intended or likely to influence - the member to:

- act in a particular way (including making a particular decision)
- fail to act in a particular circumstance
- otherwise deviate from the proper exercise of their duty as a member.

Examples of pecuniary or other interests include holding shares in an entity carrying out the project, holding a private contract with the proponent, holding voluntary acquisition or mitigation rights under the proponent's consent, or receiving sitting fees or payments of personal expenses from the proponent; and if the member represents a stakeholder group, if the stakeholder group has received funding or a grant from the proponent.

**Source:** *Community consultative committees Guidelines (State Significant Projects), January 2019.*

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# 4. Business Arising

Action No.	Action	Response/ Update
1	MTW CCC Meeting to include opportunity for VPA public information to be shared	Completed. Email sent to CCC members by GM 25/5/22. Link to Singleton Council MTW VPA webpage provided: <a href="https://www.singleton.nsw.gov.au/1116/Mount-Thorley-Warkworth-VPA-Community-Co">https://www.singleton.nsw.gov.au/1116/Mount-Thorley-Warkworth-VPA-Community-Co</a>
2	MTW share information in relation to the aerial seeding that occurred in late 2021.	See update on following slide.



# 4. Business Arising – Aerial Seeding Dec 21

## 2021 Aerial Seeding Program

- The 2021 aerial seeding program was undertaken by Super Air in December 2021 to reduce airborne dust from inactive waste dumps and ahead of mining areas. This is a control MTW has committed to in our Air Quality Management Plan.
- 184 ha was seeded using an exotic pasture and legume mix suitable for summer growing.
- Fertiliser was mixed with the seed prior to loading to provide sufficient nutrients for plant growth.



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# 5. Correspondence

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# MTW Operations

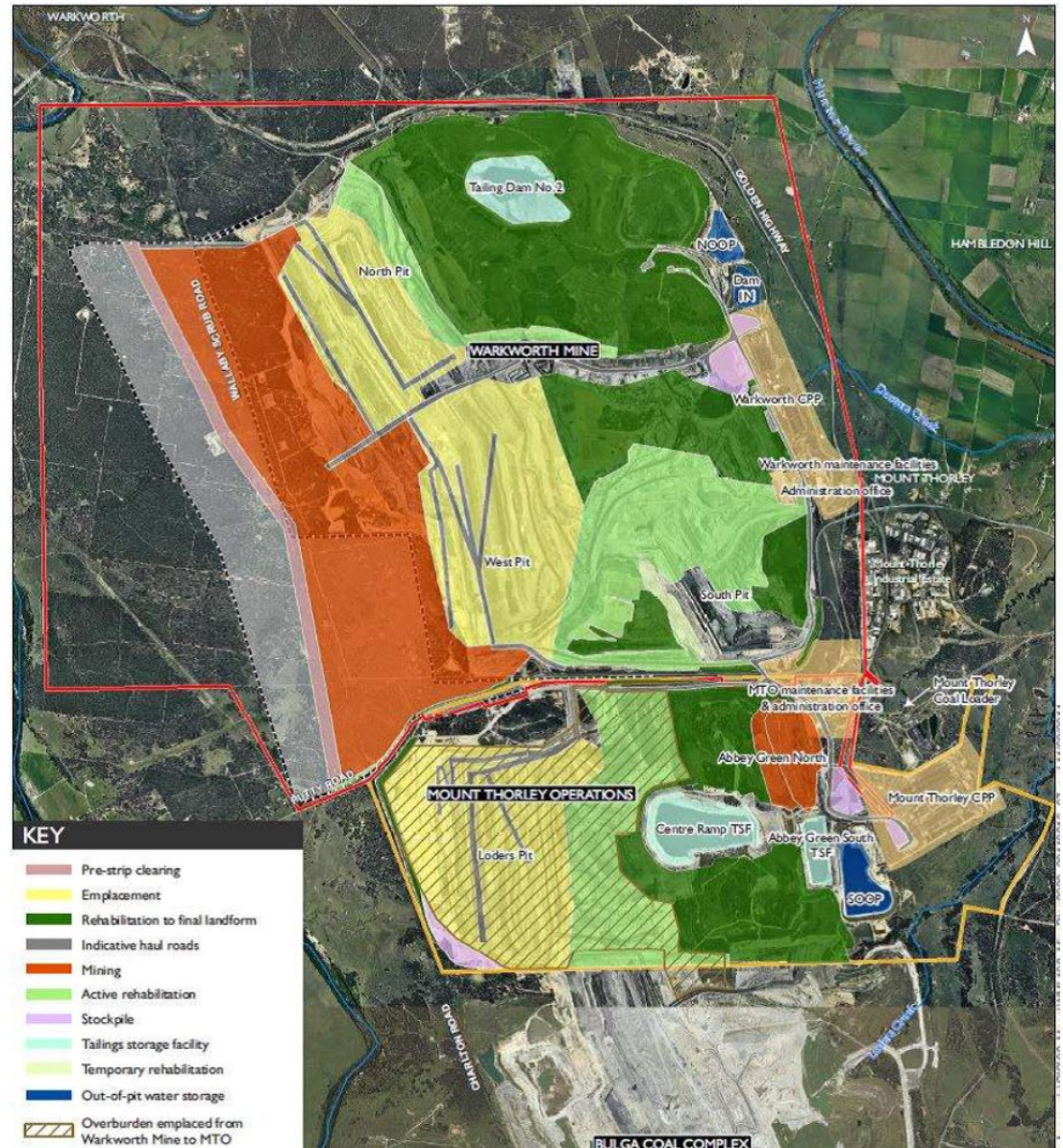
- MTO: Coal production ceased at MTO in early 2021. Load and haul waste will continue to be dumped in the pit from the WML.
- WML: DL103 has been working in the lower passes of North Pit while DL 101 is working in the lower passes of West Pit respectively
- WML: Normal load and haul operations have continued, some interruption to planned activity with rainfall March (>300mm), and follow up rain in April
- Coal processing and train loading normal operations.
- MTO: Licenced Hunter River Salinity Trading Scheme (HRSTS) discharge operations occurred in March-April 2022 with over **2 GL water discharged** from the Dam 9S MTO licenced discharge point.



# 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 expected to commence Aug-Sep 2022.



# Exploration

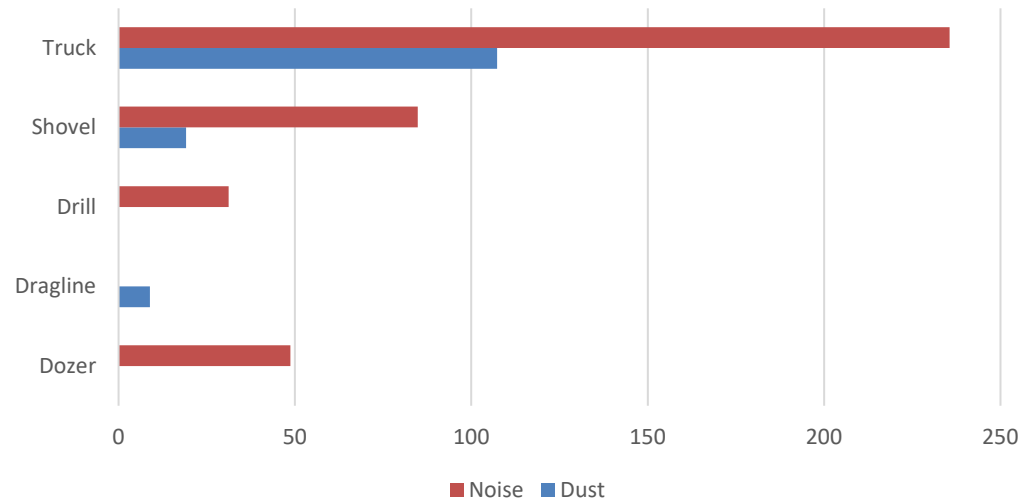
- All exploration sites for 2022 are on Yancoal owned land, and mining and exploration tenements.
- The 2022 program is expected to commence June and progress through to October
- Notification to government agencies provided for up to 28 sites. Drilled sites in 2022 will be less than this.





# MTW Operations

2022 Operational Downtime



MTW Noise Monitoring YTD

	# CRO Assessments	# Individual assessment above trigger	# Nights above trigger
2022	2638	20	16
2021	7043	106	46
2020	7510	72	42
2019	8023	93	45

# MTW Operations – Rehabilitation/ Disturbance 2021

Rehabilitation reforecast for 2022 - 35Ha seeded (shown in red).

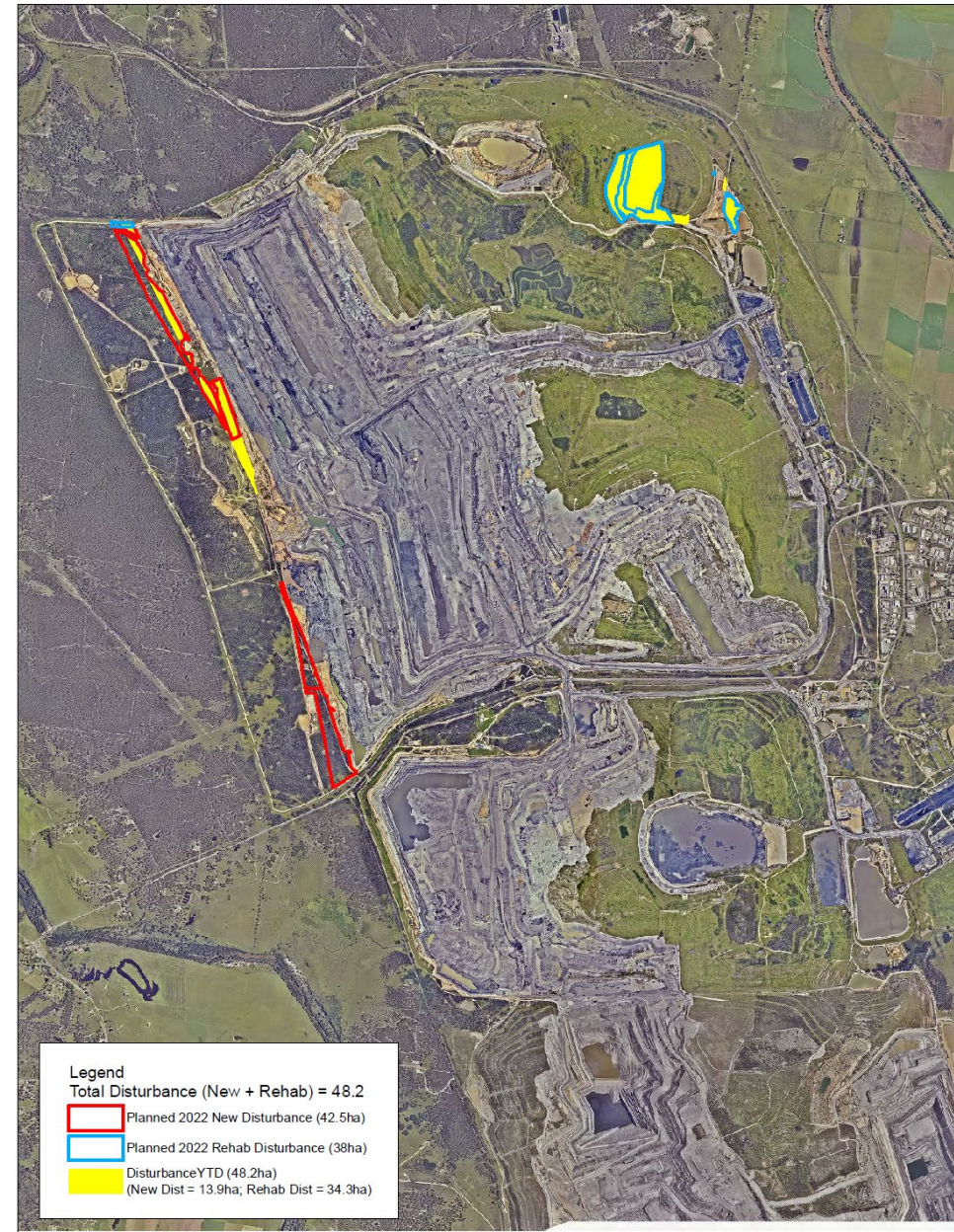
- 29Ha rehab areas have passed the “Bulk Shaped” status. 11.1Ha of this area is in the “Ready to Seed” status.



# MTW Operations – Rehabilitation/ Disturbance 2022

Disturbance forecast for 2022 – 80.5Ha (New Disturbance and Rehab Disturbance shown in red and blue polygons respectively. Includes 38ha of rehab disturbance associated with NOOP construction and Tailings Dam 1 dump area)

- Progress to end of April 2022:
  - Disturbed = 48.2ha



# MTW Vertebrate Pest Management

## 2022 programs undertaken YTD:

- Thermal ground shoot at the Putty and Condon View Biodiversity Areas: February
- Aerial shoot (NPWS) at the Goulburn River and Seven Oaks Biodiversity Areas: February and March
- Feral pig thermal ground shooting program at the Goulburn River Biodiversity Area: April

## The following 2022 programs have been scheduled:

- 1080 ground baiting programmes targeting wild dogs and foxes at MTW and all Biodiversity Areas in May/June
- Professional Wild Dog Controller Program
- Noisy Miner program at the Goulburn River and Bowditch Biodiversity Areas: August
- Thermal ground shoot at the Goulburn River and Bowditch Biodiversity Areas: August
- Feral pig 1080 baiting program at the Goulburn River Biodiversity Area: October
- 1080 ground baiting programmes targeting wild dogs and foxes at MTW and all Biodiversity Areas in October/November
- Kangaroo management at MTW
- Additional programs as required

The 2022 vertebrate pest programs will be coordinated with LLS and other large landholders in the area so programs are able to be undertaken at the same time across the broader Hunter Valley area.



Regent honeyeaters breeding at the Goulburn River BA following the 2021 noisy miner program. Photo by Liam Murphy

# MTW Weed Management

## Weeds targeted in MTW operational areas in Q1 2022 included:

- Galenia (*Galenia pubescens*)
- Lantana (*Lantana Camara*)
- Mother of millions (*Bryophyllum delagoense*)
- Opuntia (Pear) species (Tiger, Prickly and Creeping Pear)
- Saligna (*Acacia saligna*)
- Rhodes Grass (*Chloris gayana*)
- African Olive (*Olea europaea ssp. Cuspidata*)



Backpack spraying *C. gayana* North Pit rehab



Lantana in the pre strip area



Backpack spraying *C. gayana* Tailings Dam 2



Cut and paint method conducted targeting *A. saligna*

# MTW BA Weed Management

## Weeds targeted in the Southern and Northern Biodiversity Area Q1 2022 included:

- African Love Grass (*Eragrostis curvula*)
- Prickly Pear (*Opuntia stricta*)
- African Boxthorn (*Lycium ferocissimum*)
- Blue Heliotrope (*Heliotropium amplexicaule*)
- Telegraph Weed (*Heterotheca grandiflora*)
- Mother of Millions (*Bryophyllum delagonesse*)
- Lantana (*Lantana camara*)
- Various grasses (*Grass spp*)



Lantana control in SBA4



Control of Lantana and Mother of Millions in SBA3



Spot spraying of planting strips in NBA1

# MTW Northern BA Planting Program

## Warkworth Sands Woodland (WSW) 2022 Q1 planting progress:

- Planting of remaining 2021 WSW topsoil plots and additional infill areas completed February – April 2022.
- Weed control of planting areas.

## 2022 program:

- Planting of remaining 2021 WSW topsoil plots and additional infill areas completed February – April 2022.
- Slashing of the 2022 planting area.
- Weed control of planting areas.
- Transportation and spreading of WSW sand from ahead of mining at MTW (commencing).
- Seeding of sand strips with native grass mix.
- Propagation of WSW plants.
- Planting of approximately 10,000 WSW plants.



2021 WSW planting completed



2021 WSW planting preparation



WSW plants



2022 planting area

# 2022 Biodiversity Area Bushfire Management

## Slashing

- Slashing firebreak along boundaries of Biodiversity Areas
- Slashing around planting areas to reduce fuel loads

## Fuel Load Assessments

- Undertaken in February

## Hazard Reduction Burn

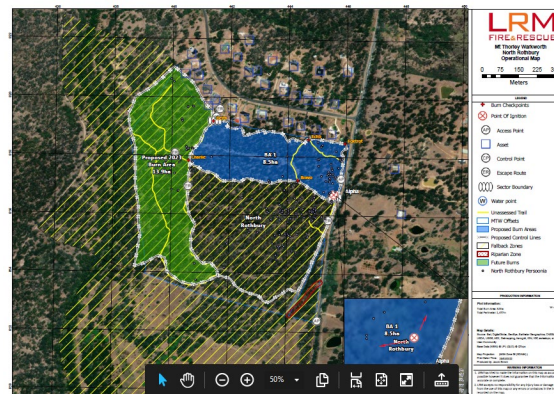
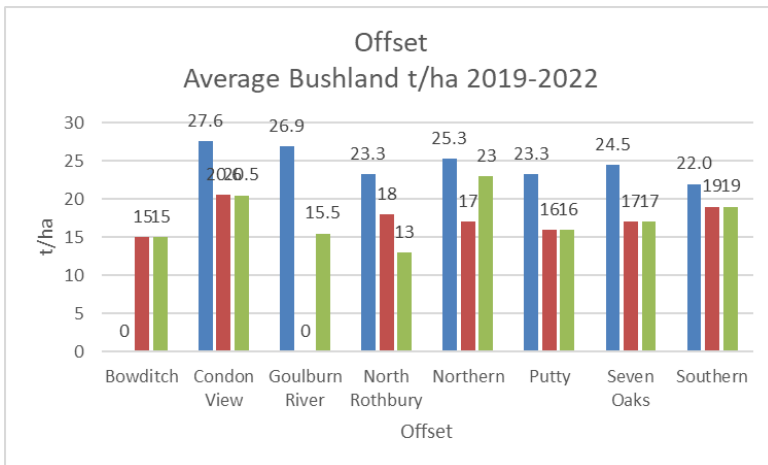
- Proposed burn planning for 2022 implementation



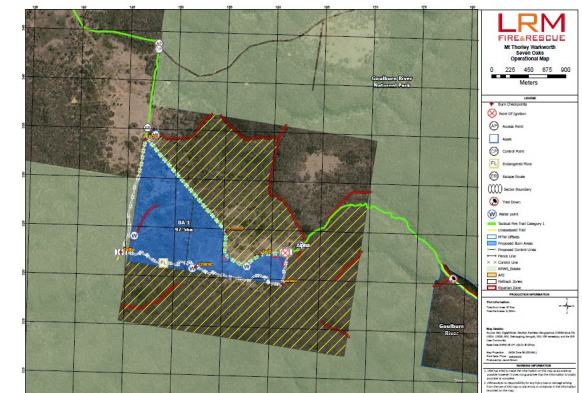
Firebreak slashing along Putty Road



Slashing around planting areas



Proposed HRB North Rothbury Biodiversity Area



Proposed HRB Seven Oaks Biodiversity Area



# MTW Historic Heritage Management - Actions

Historic Heritage Items	Status
Coordinate lawn maintenance across HH sites	<b>Ongoing</b> Contractor engaged to undertake ongoing quarterly maintenance. Q2 maintenance completed week of 9 May 2022.
RAAF Mess Hall track maintenance and repairs	<b>In Progress</b> Ground Disturbance Permit approved, awaiting dry ground for machinery to fix access track. Arborist quote received for sensitive removal of trees causing damage to building.
Arrange for asbestos to be removed from Red Brick House and RAAF Mess Hall area.	<b>Quotes Received</b> Works to be completed in 2022 – dependant on above item.
Obtain quotes for tree removal at Springwood and RAAF	<b>Quotes Received</b> Works to be completed in 2022. Awaiting dry ground for machinery to fix access track.
Obtain quotes for Red Brick – door and window plywood replacement and minor roof repairs.	<b>Works completed in March 2022.</b>
Obtain quotes for Red Brick – minor brickwork repairs.	<b>Trial of lime mortar completed in March 2022.</b> Awaiting 3 month weathering of lime mortar residue for result.
Historic Heritage Management Plan update	<b>Existing HHMP distributed to CHAG members 23/11/21.</b> HHMP update has been progressed internally by E&C Advisor, awaiting management signoff followed by relevant communications.
Historic Heritage Annual Inspection	<b>Completed 18/11/21</b>



# Jarvis House (Red Brick) March 2022 Work



Door and window boards re-established



Awning stabilised and scrap cleaned up



Scrap cleaned up

## Work completed:

- ✓ Slashing of the area (completed quarterly)
- ✓ Housekeeping clean up of building surrounds
- ✓ Re-establishing door and window covers / boarding
- ✓ Awning beam and post stabilisation
- ✓ Lime mortar trial for areas needed
- ✓ Ridge cap repairs
- ✓ Roof sheeting repairs and stabilisation
- ✓ Gutter repair and removal where needed
- ✓ Materials removed from building and surrounds stored inside building



Lime mortar trial

# MTW Cultural Heritage Management - Actions

Cultural Heritage Items	Status
Coordinate meeting of CHWG for 2022.	Meeting yet to be scheduled – previously COVID affected
Coordinate meeting of Wollombi Brook Aboriginal Cultural Heritage Conservation Area Plan of Management Implementation Group (WBACHCA PMIG) for 2022.	Meeting yet to be scheduled – previously COVID affected <b>Updated Plan of Management for Wollombi Brook Aboriginal Cultural Heritage Conservation Area sent to RAPs/CHWG and Heritage NSW for their review - December 2021. Outlines approach to 2 x Conservation Agreements in WBACHCA. Nil comment received on updated Plan of Management. Further update to PoM circulated to RAPs/CHWG and Heritage NSW for their review – May 2022</b>
Obtain quotes for assistance with scar tree re-location in 2022.	<b>Quote Received</b> <b>Terms of reference finalised with archaeologist</b> <b>New archaeologist being engaged</b> <b>Short term storage established and being prepared</b> Consultation with CHWG required prior to progressing works
Replace signage	<b>Ongoing.</b>
Action recommendations following AHMP Annual Compliance Report, including re-barricading sites and erecting new signage	<b>Quote Received – ongoing.</b> Commenced in Q3 2021.
Cultural Heritage Annual Inspections	Due by end of 2022.



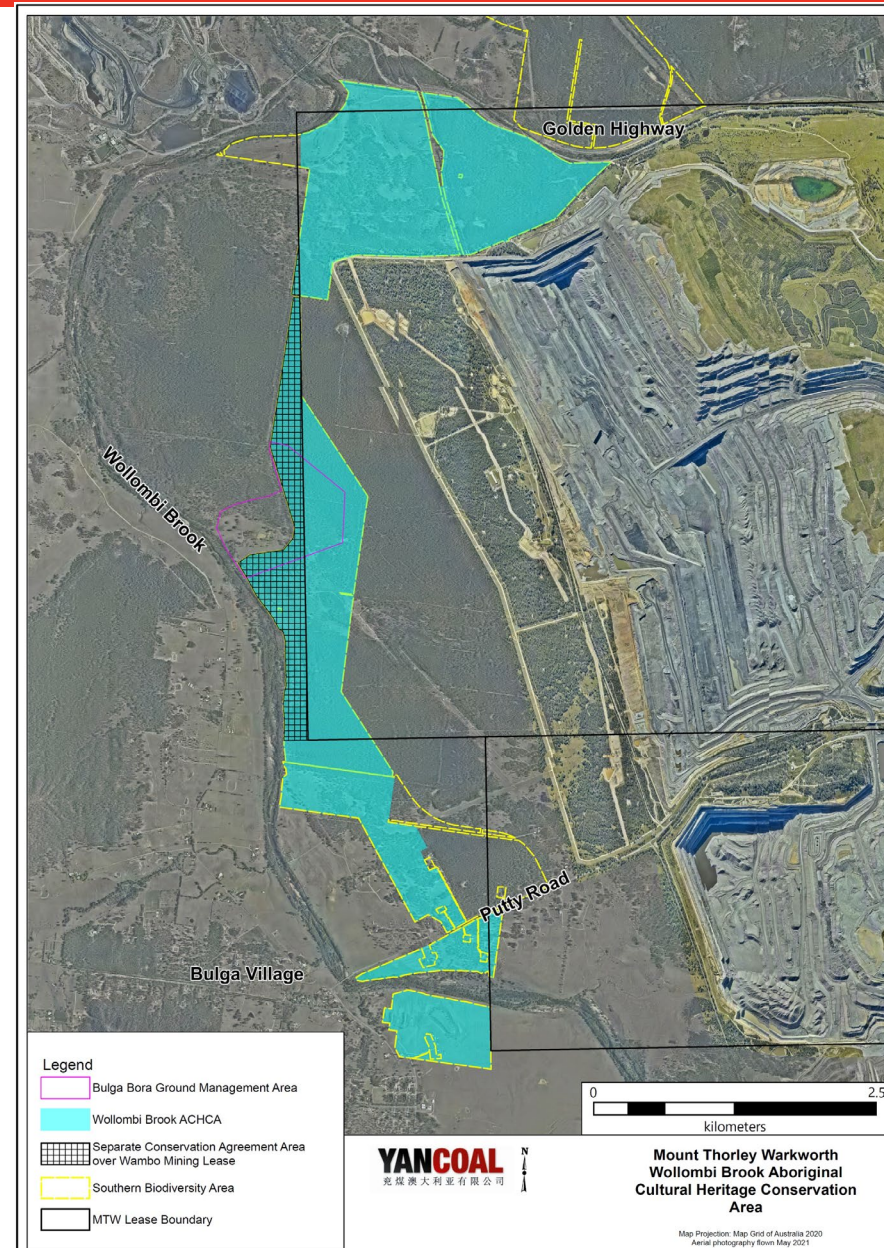
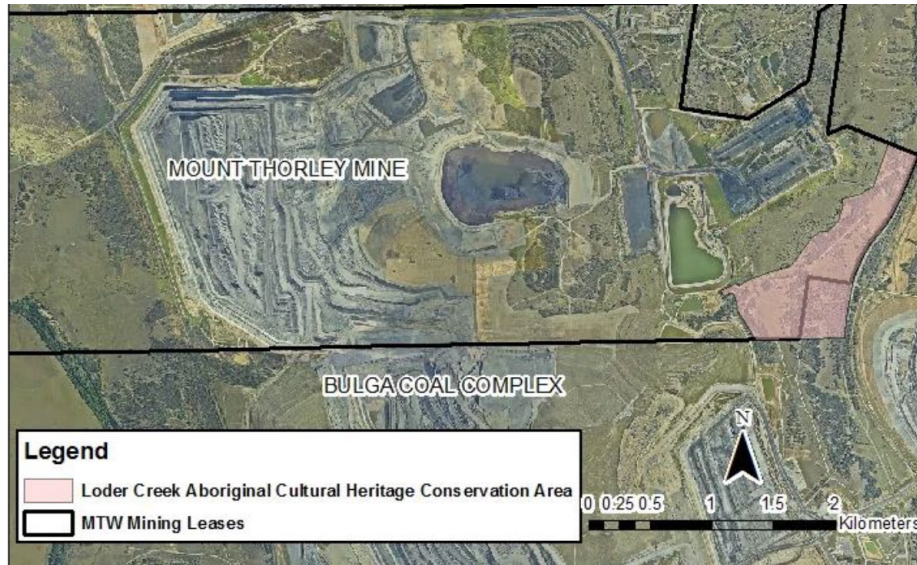
Example of barricading and signage being replaced



New signs format

# MTW Cultural Heritage Management - Actions

Cultural Heritage Items	Status
WBACHCA and Loder Creek (LCACHCA) conservation agreement progression	<p>Wambo has existing entitlement to Underground Mining which predates the 2015 development consent. Consultation with DPIE on this issue, and DPIE endorse MTW's approach of 2 x CA's proposed for WBACHCA:</p> <ul style="list-style-type: none"> <li>- 1 x over non Wambo mining lease area which conserves against all mining, and</li> <li>- 1 x over Wambo mining lease area which conserves against open cut mining.</li> </ul> <p>Wambo has provided written agreement to the CA over Wambo mining lease area after some documents were updated:</p> <ul style="list-style-type: none"> <li>-An updated Plan of Management for WBACHCA addressing Wambo comments was agreed with Wambo and circulated to CHWG/RAPS and Heritage NSW in May 2022 – awaiting CHWG/RAPS consultation period to end.</li> <li>-Final CA's for WBACHCA and LCACHCA, executed by MTW directors were submitted to Heritage NSW for execution by the Minister on 22 Feb 2022.</li> <li>-An updated Final CA for the area over Wambo Mining Lease, executed by MTW directors was submitted to Heritage NSW for execution by the Minister on 23 May 2022.</li> </ul>



# 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 December 2021, January 2022, February 2022
- Appendix D – March 2022 MEMR to be provided at a later date.

# Management Plans / Reporting

- Annual Review Report 2021 submitted to DPE and Resources Regulator 31 March 2022.
- Exploration Licences Annual Reports submitted to Resources Regulator EL7712 (24/3/22) and EL8824 (14/3/22).
- Offsets annual compliance reports submitted to DPE and Federal Division of Water and Agriculture on 3 May 2022.

# Mining Lease for MTCL

- Mining Lease 1828 was granted over the Mount Thorley Coal Loader site for ancillary mining activities, effective from 25/2/2022. The mining lease application (MLA 548) was submitted in November 2017. It is for ancillary mining activities only – no coal extraction within this mi.

## Instrument of Grant

### Section 63 of the *Mining Act 1992*

I, Jamie Tripodi, Executive Director Assessments and Systems, as delegate of the Minister administering the *Mining Act 1992* for the State of New South Wales, pursuant to section 63 of the *Mining Act 1992*, have determined to grant a Mining Lease in satisfaction of Mining Lease Application 548 (Act 1992), as described in Schedule 1, to Mount Thorley Coal Loading Ltd, ACN 002 027 223, subject to the conditions:

1. prescribed in the *Mining Act 1992* and the Mining Regulation 2016; and
2. set out in Schedule 2.



Jamie Tripodi  
Executive Director Assessments and Systems  
Regional NSW – Mining, Exploration and Geoscience  
As delegate for the Minister administering the *Mining Act 1992*  
Delegation dated: 14 May 2018

Dated this 25th day of February 2022



# Agenda

1. Welcome (Col)
2. Apologies (Col)
3. Declaration of pecuniary interests / conflicts of interest (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
9. General business
10. Next meeting



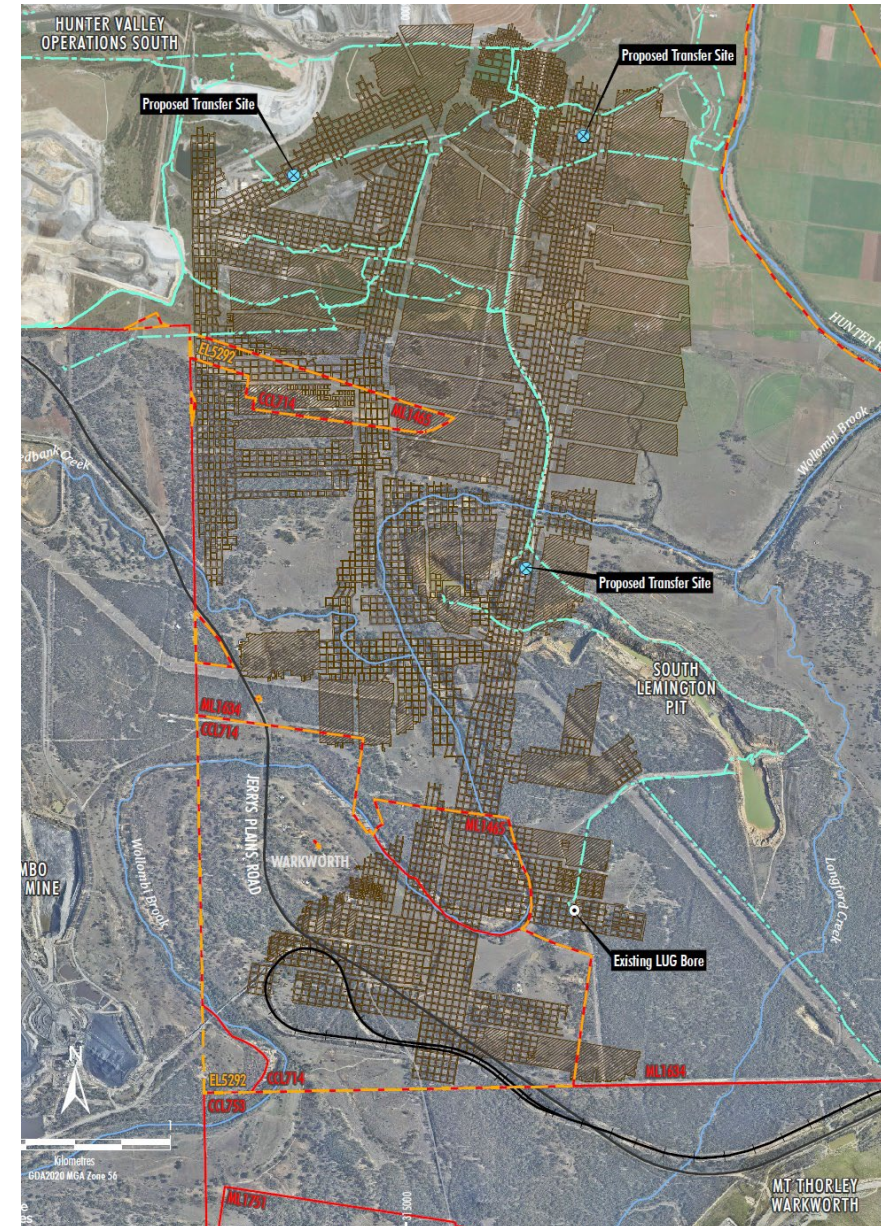
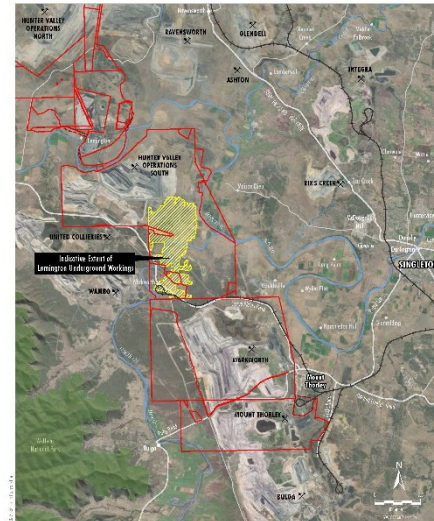
# Agenda

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# Proposed Modification - Lemington Underground Water Storage & WML Workshop Modification Update

## Proposed Modification – Water Management

- Use of the former Lemington Underground Mine void as a shared temporary water storage for both MTW and HVO
- Construction of three new bore sites and duplication of the existing LUG bore
- Use of these four bore sites to transfer water from HVO and MTW into the former underground mine void and/or extract water from the void and transfer back to HVO and MTW
- Development of supporting infrastructure (e.g. pipelines and powerlines)
- Duplicate bores and infrastructure may be constructed at each location

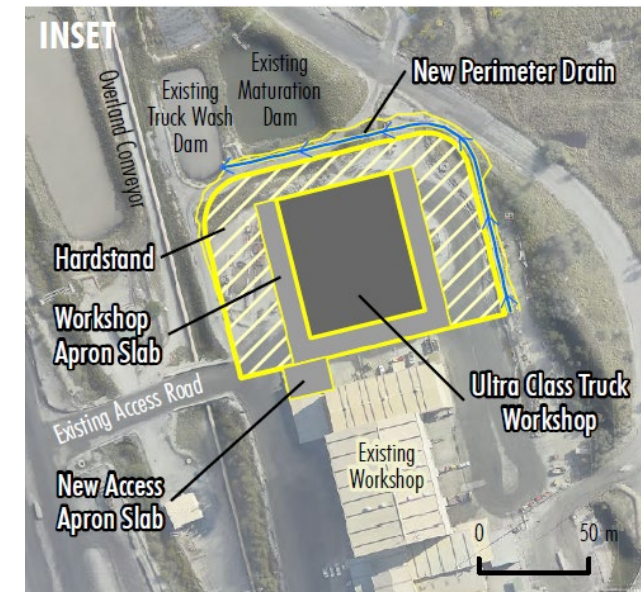


# Proposed Modification - Lemington Underground Water Storage & WML Workshop Modification Update



## Proposed Modification - Workshop

- In addition to the water storage modification, the Warkworth Consent would also be modified to enable an extension to the existing workshop to service and house Ultra Class Trucks
- Located within approved/historical disturbance areas



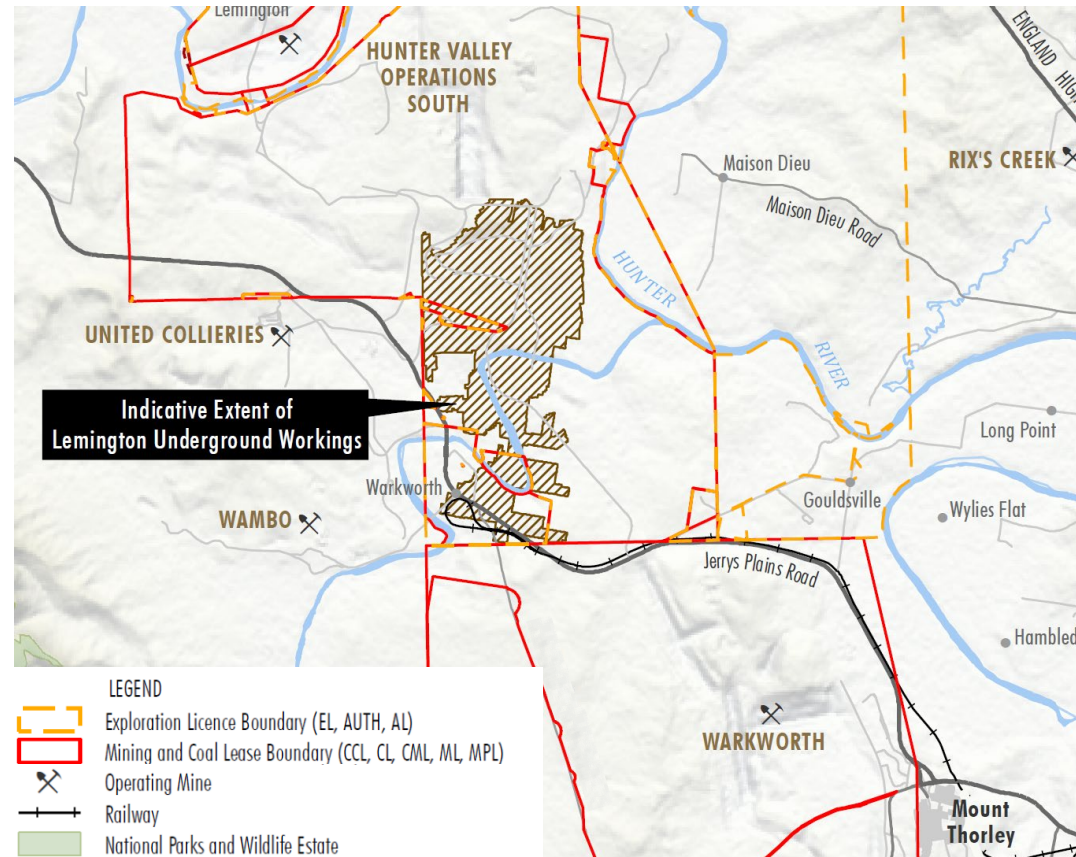
# Proposed Modification - Lemington Underground Water Storage & WML Workshop Modification Update

## Benefits of the Modification

- Increase total water storage capacity
- Reduce the risk of active pits being required to temporarily store excess mine water, interrupting mining operations
- Reduce reliance on water extraction from the Hunter River
- Avoid evaporative losses, increasing long-term water availability

## Modification Status

- Modification applications lodged:
  - The application and accompanying documents were on exhibition from 5-18 October 2021. (The Modification Reports are available for viewing through the NSW Department of Planning, Industry and Environment's website)
  - MTW provided DPIE with a response to submissions 20/12/21 which should be available on the Department of Planning, Industry and Environment's website. Further response to a request for information provided to DPIE on 14/2/22.
  - Awaiting determination.



# Communications Tower – Charlton Ridge



- Complying Development was approved 17 March 2022 for 50m communications tower
- Located within approved/historical disturbance area on Charlton Ridge adjacent existing towers.
- Construction will commence June 2022.

# Community update

## Community Support Program

The Community Support Program has continued. The 2022 round of applications were advertised in September-October 2021 and closed 5 November 2021. There were 15 applications received. The following organisations are being supported in 2022 through the CSP:

- University of Newcastle – Upper Hunter Science and Engineering Challenge
- Life Education NSW - Covid Recovery – Health & Wellbeing program for children in the Singleton LGA.
- Samaritans Foundation – Diocese of Newcastle - Christmas lunch in Singleton 2022.
- Singleton Business Chamber - 2022 Singleton Business Excellence Awards
- Singleton Council - 2022 Singleton Business Excellence Awards
- Singleton Council - Christmas on John Street 2022
- Singleton Golf Club Lady Members – Christmas on John Street 2022
- Singleton Fire Brigade Social Club – Singleton Lolly Run 2022
- Singleton Rugby Club Ltd - First Aid Kit Equipment Upgrade
- Northern Agriculture Association Inc (NAA) – Singleton Show & Camp Draft 2022
- Singleton Theatrical Society - 2022 Musical – Mamma Mia
- Westpac Rescue Helicopter Service – Hunter Valley Mining Charity Rugby League Day 2021

*(Applicant from 2021 CSP, event postponed to September 2022 due to COVID.)*



# General Business

**General Business – other?**

# Agenda

1. Welcome (Col)
2. Apologies (Col)
3. Declaration of pecuniary interests / conflicts of interest (Col)
4. Business Arising (Col)
5. Correspondence (Col)
6. Confirmation of the previous meeting's minutes (Col)
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  - Progress of the project, environmental monitoring and performance, community complaints
8. Other agenda items
9. General business
10. Next meeting



# Future Dates

## **Next Meeting Date**

**Date:** Tuesday 16 August 2022

**Time:** 2:00PM - 4:00PM

**Location:** Boardroom, North Warkworth Building



# Mount Thorley Warkworth Community Consultative Committee (CCC)

BUSINESS PAPERS May 2022

## Contents page

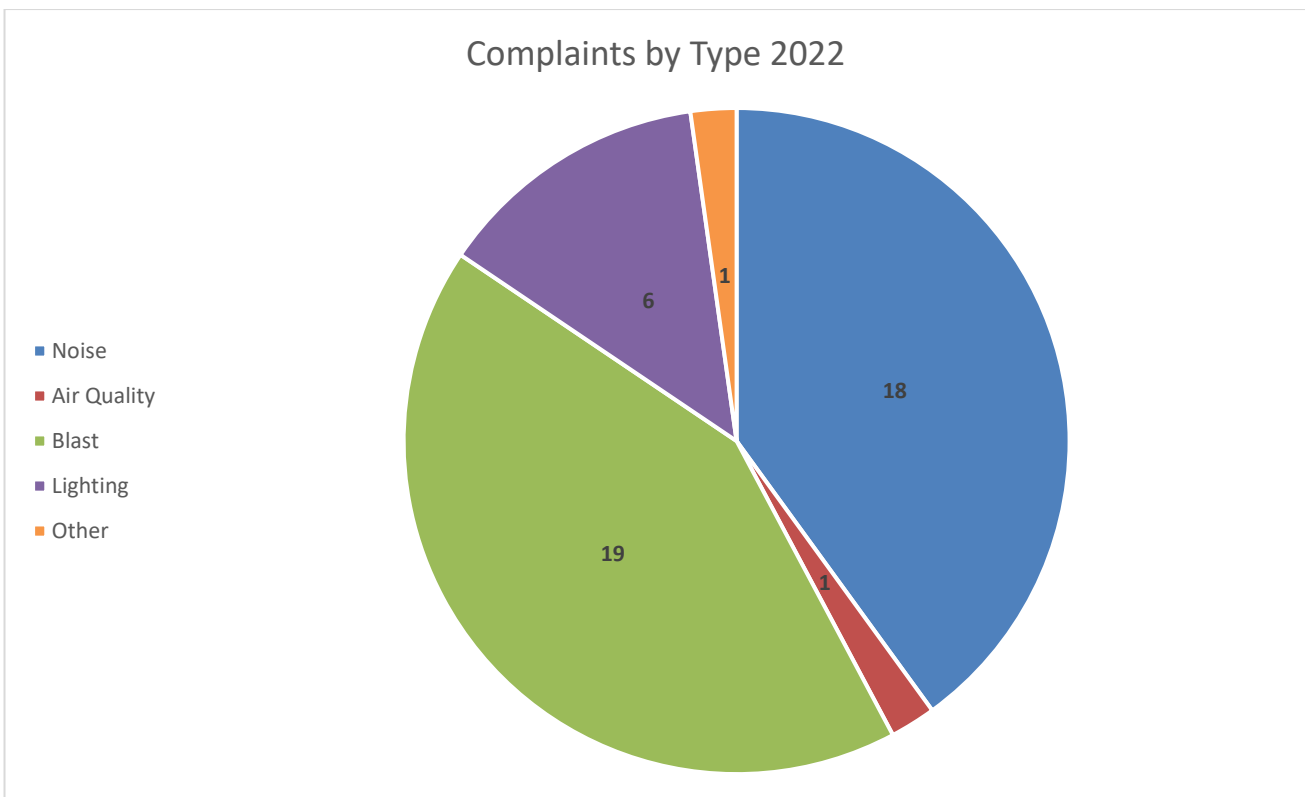
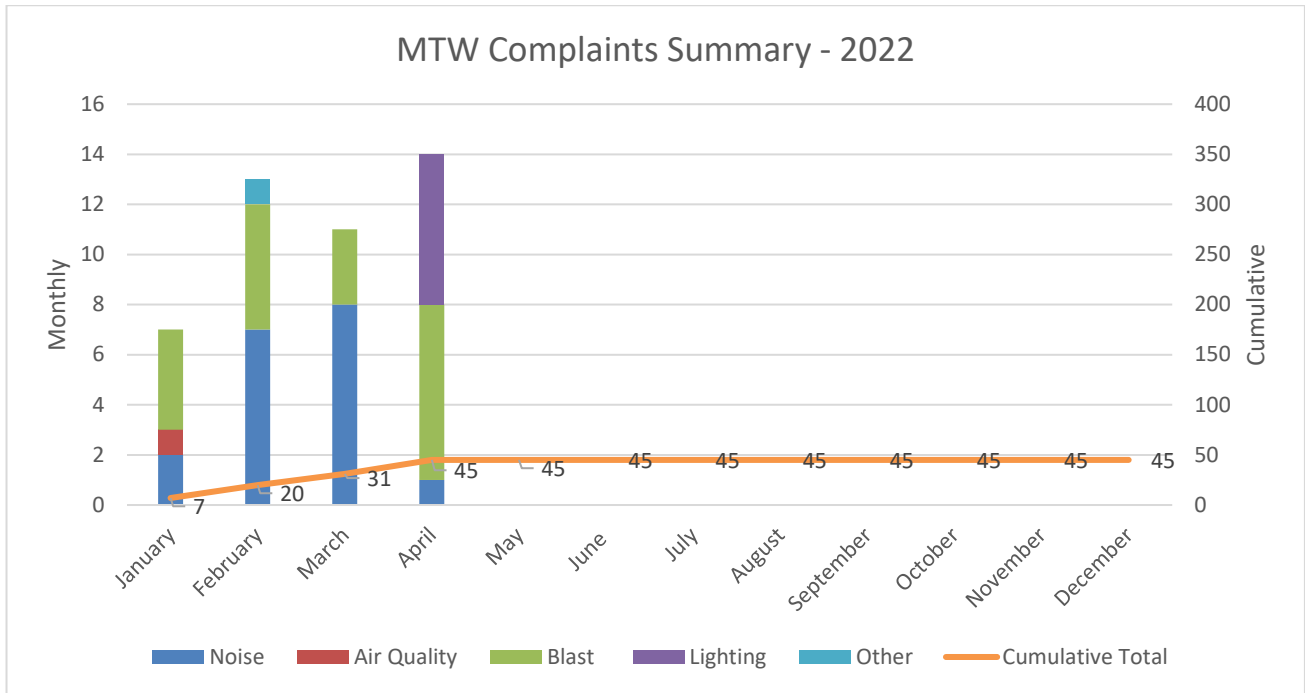
1	Complaints.....	3
2	Incidents .....	4
3	Environmental Monitoring.....	5
4	Rehabilitation Plan .....	6
5	Website Uploads .....	12
6	Yancoal Community Support Program .....	13

### Appendices

- Appendix A – Environmental Monitoring Report December 2021 (included as not provided subsequent to February 2022 CCC Meeting)
- Appendix B – Environmental Monitoring Report January 2022
- Appendix C – Environmental Monitoring Report February 2022
- Appendix D - Environmental Monitoring Report March 2022 (to be provided at a later date)

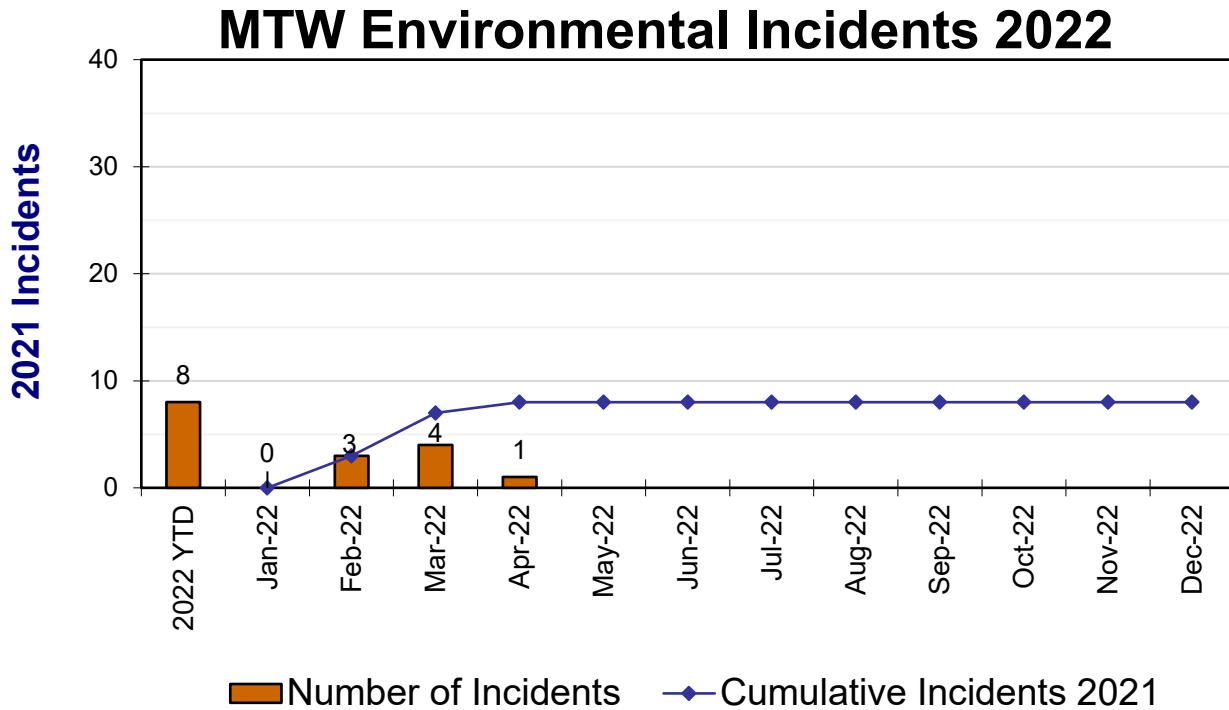
# 1 COMPLAINTS

## Complaints overview for period – 1 January 2021 to 30 April 2022



## 2 INCIDENTS

Environmental incidents overview for period – 1 January 2021 to 30 April 2021



### Incident Summary for the period 1 January 2021 to 30 April 2021

Date	Details	Key Actions	Aspect
10/02/22	Minor hydrocarbon spill at the WML North ROM from HT 713.	Relevant supervisors and E&C team were notified. Area was contained and cleaned up, with contaminated earthen material taken to the bioremediation area.	Hydrocarbon
24/02/2022	Blast overpressure exceedance at Warkworth blast monitor >120dB.	Notification provided to EPA and DPE in accordance with Environment Protection Licence 1376 and development consent SSD-6464 requirements. Investigation indicated weather enhancement. .	Blast
24/02/2022	Hydrocarbon spill to ground at skid mounted pump on South CHPP dam.	Pump operation ceased. Relevant supervisors and E&C team notified. Spill cleaned up and affected soils taken to bioremediation area.	Hydrocarbon

Date	Details	Key Actions	Aspect
7/03/2022	Sediment dams overtopped due to rainfall event. Dam 53N overtopped on 7/3/22, followed by Dam 54N and Dam 55N on 8/3/22.	Pollution Incident Response Management Plan triggered, and agencies notified including EPA, DPE and RR. Sediment dams dewatered post the rainfall event. Written report provided to EPA, DPE, RR on 14/3/22.	Water Discharge
16/03/2022	Hydraulic oil spill from EX312 to ground reached Dam 15N (mine water).	Hydrocarbon containment measures implemented using earthen bunding and spill kits. Remediation of area and Dam 15N conducted in consultation with E&C team.	Hydrocarbon
26/03/2022	Sediment dam 53N overtopped due to rainfall event.	Pollution Incident Response Management Plan triggered, and agencies notified including EPA, DPE and RR. Sediment dams dewatered post the rainfall event. Written report provided to EPA, DPE, RR on 1/4/22.	Water Discharge
5/4/22	During attended noise monitoring there was a single exceedance at the Wambo Road monitoring location for a measurement starting at 5/4/22 2145, due to application of a 2 dB low frequency modifying factor.	Residents notified of noise exceedance. Follow up monitoring undertaken on 10/4/22 also exceeded due to application of a 2 dB low frequency modifying factor. Incident report submitted to DPE 14/4/22. Follow up monitoring on 21/4/22 was within noise limits. DPE and residents were notified of return to limits.	Noise

### 3 ENVIRONMENTAL MONITORING

#### Monthly summaries of environmental monitoring for the period 1 January 2021 to 30 April 2021

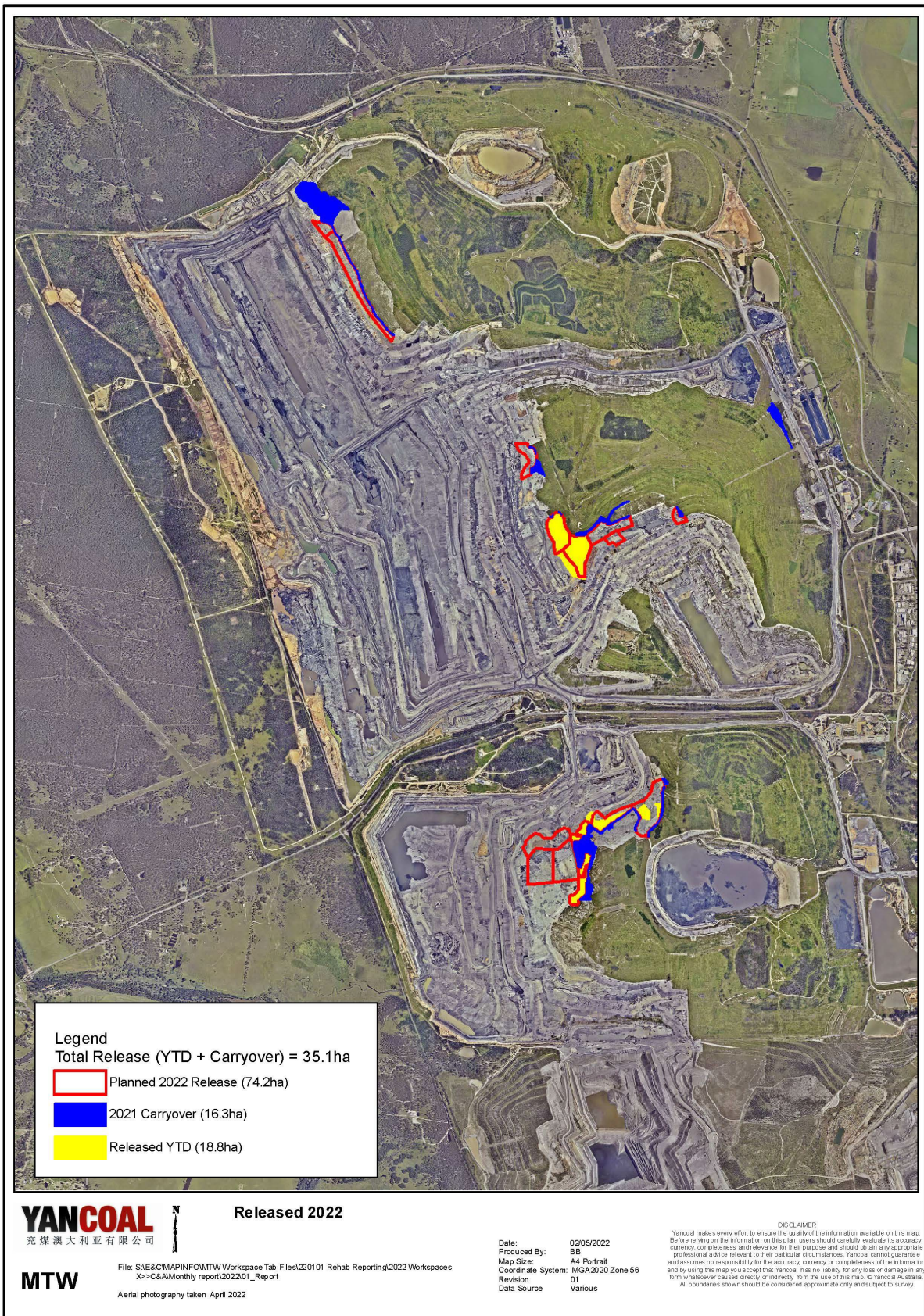
- **December 2021** - Attached as **Appendix A** (included as not provided subsequent to January 2022 CCC Meeting)
- **January 2022** - Attached as **Appendix B**
- **February 2022** - Attached as **Appendix C**
- **March 2022** – **Appendix D** (to be provided at a later date)

#### **4 REHABILITATION PLAN**

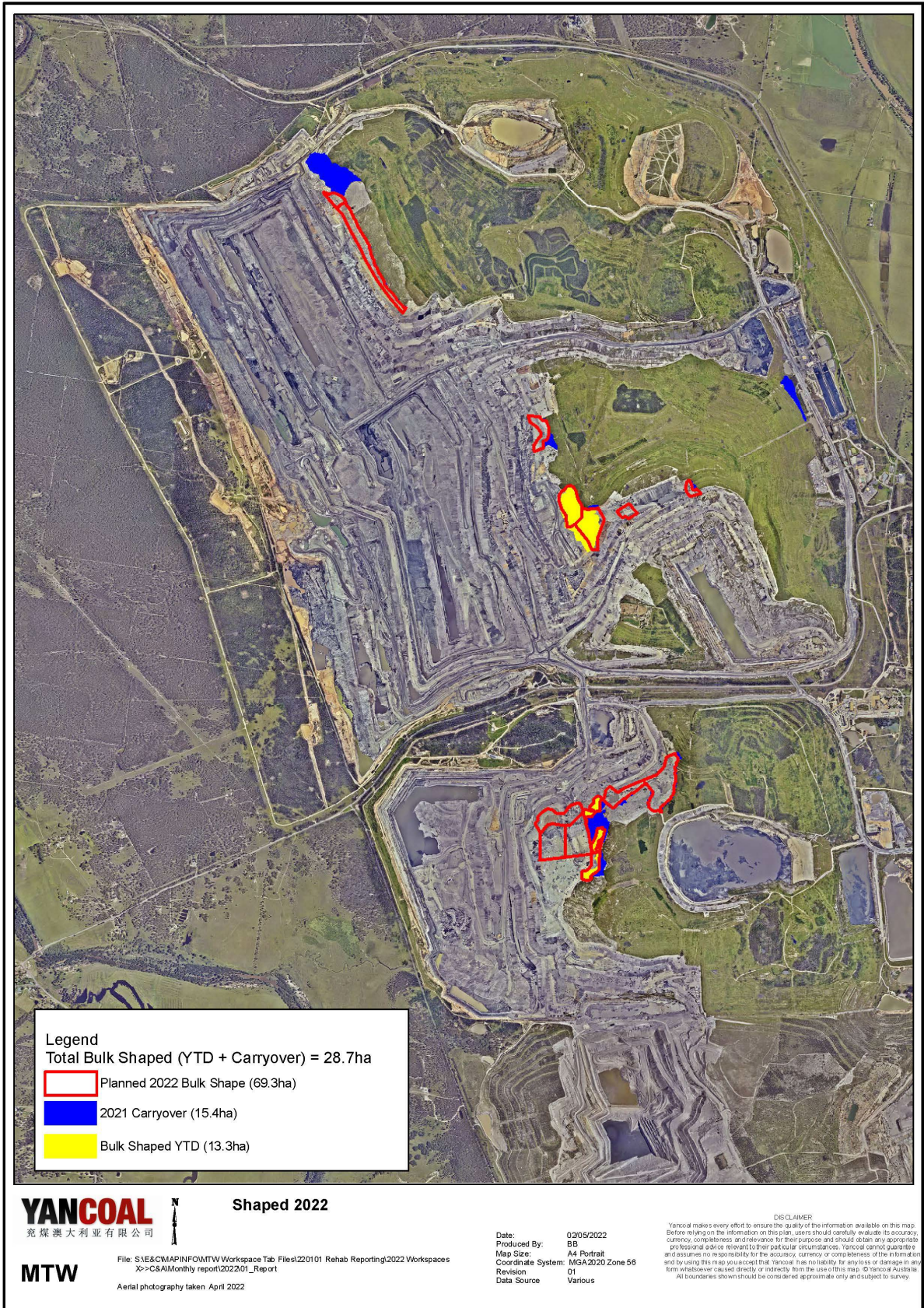
The rehabilitation planned for 2022 is 35ha which is consistent with the Mining Operations Plan (MOP) rehabilitation target for 2022. The planned total disturbance is 80.5ha, which includes 38ha of rehabilitation disturbance mainly associated with construction of the North Out of Pit (NOOP) Dam.

The rehabilitation and disturbance progress to the end of April 2022 are presented in the maps below. There is currently 28.7ha of rehabilitation area where bulk shaping has been completed and 11.1ha of this area has been progressed to be ready for seeding. The planned total bulk shaping amount for 2022 is 69.3ha which will allow bulk shaped areas to be carried over into 2023. The carry-over of bulk shaped areas will provide areas for early completion of rehabilitation in 2023.

Disturbance completed to the end of April was 48.2 ha, 34.3ha of this was rehabilitation disturbance related associated with the NOOP dam construction.













## 5 WEBSITE UPLOADS

The table below is a list of all new documents uploaded to the MTW's website from 23 February 2022 to 20 May 2022. Please refer to MTW's new website under "Environment":

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

Document Title	Upload
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data January 2022	28 Feb 22
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data February 2022	29 Mar 22
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data March 2022	28 Apr 22
EPBC 2002/629 and EPBC 2009/5081 Annual Compliance Report - 1 Feb 2021 to 31 Jan 2022	3 May 22
Mount Thorley Warkworth Environmental Monitoring Report December 2021	18 May 22
Mount Thorley Warkworth Environmental Monitoring Report January 2022	20 May 22
Mount Thorley Warkworth Environmental Monitoring Report February 2022	20 May 22

## 6 YANCOAL COMMUNITY SUPPORT PROGRAM

The CSP invests in community groups working in the areas of health, social and community, environment, education and training. Some MTW Community Support Program (CSP) events being supported in 2021 postponed their timing into 2022 due to COVID-19.

The 2022 round of applications were advertised in September-October 2021 and closed 5 November 2021. There were 15 applications received. The following organisations are being supported in 2022 through the CSP.

- University of Newcastle – Upper Hunter Science and Engineering Challenge
- Life Education NSW - Covid Recovery – Health & Wellbeing program for children in the Singleton LGA.
- Samaritans Foundation – Diocese of Newcastle - Christmas lunch in Singleton 2022.
- Singleton Business Chamber - 2022 Singleton Business Excellence Awards
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- Northern Agriculture Association Inc (NAA) – Singleton Show & Camp Draft 2022
- Singleton Theatrical Society - 2022 Musical – Mamma Mia

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

# Appendix A: December 2022 Monthly Environmental Monitoring Report

# **Appendix B: January 2022 Monthly Environmental Monitoring Report**



# **Appendix C: February 2022 Monthly Environmental Monitoring Report**

# Appendix D: March 2022 Monthly Environmental Monitoring Report

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