

**Minutes of the Mount Thorley Warkworth  
 Community Consultative Committee Meeting Q3 2021**

**Date:** Wednesday 25 August 2021

**Location:** Teleconference

**Time:** 2pm – 4pm

**Attendees**

Colin Gellatly (CG - Chair)  
 Gary Mulhearn (GM)  
 David Bennett (DB)  
 Olivia Lane (OL)  
 Ian Hedley (IH)  
 Barb Brown (BB)  
 Denis Maizey (DM)  
 Cr. Hollee Jenkins (HJ)  
 Dr. Neville Hodgkinson (NH)

**Role**

Independent Chairperson MTW CCC  
 MTW Environment & Community Manager  
 MTW General Manager  
 MTW Environment & Community Coordinator  
 Community Representative  
 Community Representative  
 Community Representative  
 Singleton Council  
 Stakeholder Rep - Singleton Shire Healthy Environment Group

**Apologies**

Stewart Mitchell	Community Representative
Adrian Gallagher	Community Representative
Antoinette Silk	Community Representative

**1. WELCOME**

- CG opened the meeting and welcomed CCC members.

**2. APOLOGIES**

- Advised and recorded.

**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.
- IH Advised he is now retired from Hedweld Group but it still a director of the company. Hedweld Group currently has ongoing sales and contracts with Yancoal MTW.

**4. BUSINESS ARISING**

**Action Items arising from the 26 May 2021 Meeting**

*Refer to **attached** CCC presentation for previous actions, and relevant response / update made by MTW.*

- NH requested action item to address consultation with the Community Heritage Advisory Group given the HHMP was last approved in 2017.

**Action 1: MTW to consult with CHAG on upcoming update to the current HHMP.**

## 5. CORRESPONDENCE

- 02/06/21 – CCC Meeting Minutes Draft – 26 May 2021
- 16/06/21 – CCC Meeting Minutes Endorsed by Chair – 26 May 2021
- 29/07/21 – Placeholder for CCC Meeting – 25 August 2021
- 30/07/21 – GM sent invitation to all CCC members to a meeting regarding Blast Management Plan and Road Closure Management Plan processes.
- 13/8/21 – Agenda & Business Papers and Reminder for RSVPs for meeting.

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

Confirmed at today's meeting.

## 7. PROPONENT REPORTS AND OVERVIEW OF ACTIVITIES

### MTW Operations

*Refer to presentation*

- DB advised that MTW is taking delivery of 15 Ultraclass NHL trucks, 6 are already on site in various progress of construction, expecting the remaining 9 by the end of the year.
- CG enquired into the sound attenuation of the new NHL truck fleet being introduced in to the MTW haul fleet. DB advised the new haul fleet has been fitted with sound attenuation and will undergo sound power tests before the equipment is released for operation. The equipment must abide by our development consent conditions.
- BB enquired about COVID vaccination requirements for MTW operations and if Yancoal had enforced it as a mandatory requirement. DB outlined MTW's site controls in relation to COVID. DB advised that the COVID vaccine is not legally mandatory in workplaces, and it is not mandatory at MTW. As a site we strongly recommend all employees and contractors to site to get vaccinated as soon as possible.

### Exploration

*Refer to presentation*

### Monitoring

*Refer to presentation for data - January to July 2021*

- OL presented equipment downtime / Community Response Officer noise assessments and operational changes for nights above noise limits. GM commented that in recent weeks we have been experiencing noisy nights due to low temperatures and minimal winds.
- IH enquired into operational downtimes due to wet weather versus operational downtimes due to noise or dust delays. IH was interested to see how much downtime combined total amount of hours of equipment downtime. DB advised that MTW includes a budgeted period for environmental downtime – approximately 7% (rain & fog). DB noted from Jan to July MTW had recorded over the budgeted environmental downtime due to high rainfall in the first half of the year.

### North Out Of Pit Dam (NOOP)

*Refer to presentation*

- DB discussed the North out of pit dam, water storage with the holding capacity of 1.5GL, approximately 1.5 million BCM of waste will need to be moved. Some of the material will require to be blasted in order to excavate and remove.

### **Rehabilitation / Disturbance 2021**

*Refer to presentation*

### **Vertebrate Pest Management 2021**

*Refer to presentation*

### **Weed Management 2021**

*Refer to presentation*

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

*Refer to presentation*

### **Historic & Cultural Heritage Management**

*Refer to presentation*

- NH advised he had provided some additional historic heritage information to MTW prior to the meeting which was proposed to be shared and discussed in today's CCC meeting. GM provided responses during the presentation on the items provided as they relate to the MTW Historic Heritage Management Plan processes.
- NH advised he would like more investigative work carried out in the Mount Thorley area specifically targeting the Stockman's Hall of Fame component of the area. NH stated Mackerston House is of more significance than Jarvis House and understands that the Historic Heritage Management Plan does not reflect this and feels this needs to be looked at and understood. NH commented that he could not identify if these historic dwellings were located on Yancoal acquired land or on privately owned land. GM advised that MTW's HHMP includes lands which are subject to the development consents for MTW, and he was unsure as to the ownership of the land the historic houses outside of this reside on.
- NH discussed the Wells located on MTW Lands Homestead enquiring if there have been studies completed and if so, has this information been released to the group. GM advised he was unsure but did find information on one of the work programs completed on Well 2, but GM stated he would need to investigate the correspondence and how the findings were distributed or shared. NH commented on wanting to know the findings of any studies that have been undertaken with any wells and bores to understand the significance associated with the potential impacts to the surrounding area.
- NH discussed the hard land crossing over Wollombi Brook and the management to preserve the historic significance.
- GM stated the general items are a subject that could be raised externally of a CCC meeting. CG requested that GM could follow up with NH outside of this meeting to discuss the subjects raised. GM confirmed.

**Action 2: MTW to catch up with Neville regarding his heritage items outside of what is required in the MTW HHMP**

## **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 March, April and May 2021 were provided. June MEMR to be provided at a later date.*

- NH – Queried the elevated depositional dust levels at Warkworth gauge in the March, April, May reports. GM advised that MTW were aware of this and stated investigations have already commenced looking into the levels being received in recent months. Dust levels being displayed at this location are not reflective on any of MTW's other depositional dust gauges in the area i.e. Bulga, Mount Thorley and Long Point, so the investigation will look if there are any local effects causing the issue. GM also advised that MTW's other dust monitoring methods such as the PM10 are not showing elevated results at this location, however an investigation has commenced.

**Action 3: MTW to provide summary of investigation findings for the elevated depositional dust levels at Warkworth gauge**

## **Management Plans / Reporting**

- Annual Environmental Review submitted at end of March 2021
- DPIE comments received 13 May 2021 for management plans submitted during 2020. Approval has now been granted. Relevant plans:
  - NBA Management Plan
  - SBA Management Plan
  - Blast Management Plan
  - Environmental Management Strategy
  - Air Quality Management Plan

GM advised these plans can be accessed and downloaded from the MTW website.

## **8. OTHER AGENDA ITEMS**

Nil.

## **9. GENERAL BUSINESS**

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

*Refer to presentation*

- GM provided CCC with an overview of a development consent modification proposal to transfer water to former Lemington Underground mine in conjunction with HVO as a shared water storage. This process would be subject to environmental assessment, ground water assessments, transfer/ extraction design plans and modification would be required to WML and HVO consents. Three additional sites have been identified to connect bores and extraction points.
- NH enquired about the effects of the Lemington underground water storage affecting the existing water tables. GM advised that a groundwater assessment will be a key component of the environmental

assessment to accompany the modification application. NH requested when the findings from the underground water storage would be released to the public for review. GM advised lodgment would be September and then it would later be publicly available for review and comment.

- GM advised that WML is also proposing to construct a new workshop near the existing WML workshop to cater for new Ultra class sized trucks, which commencing arrival in 2021.

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

*Refer to presentation*

- GM described that community support programs have continued to be supported, although many have been affected with COVID restrictions with delays to some event type programs, but some events were able to occur before the recent COVID restrictions.
- HJ enquired into a replacement project as Singleton Skills Learning Community - visual wellbeing project is in its final year. GM advised we have not yet identified our next major area to support through the Community Support Program, but this has been a good project.

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

- IH presented information regarding mobile phone coverage in the Bulga/ Milbrodale area. IH met and spoke with Telstra representatives in Bulga, Telstra conducted infield surveys and were unable to comment if a Booster tower would or would not increase mobile phone coverage. IH sourced a secondary report from an independent telecommunication company based in Brisbane who carried out their own investigations. IH states these reports indicate the tower located on Broke Road is interrupted due to the MTW spoil locations.
- IH - Mobile phone coverage continues to get worse in the Bulga and Milbrodale area. IH discussed the continuation of overburden and the raising of spoil highest east of the Bulga region are of concern as a potential factor in poor mobile phone coverage west of MTW. In conclusion IH would like MTW to assist with liaison with Telstra to progress a solution to the coverage in the Bulga area.
- BB concurred that communications are extremely important given current circumstances and is supportive of improvements being motivated for in the Bulga area.
- DB – advised he recalled previous discussions regarding to telecommunications, DB stated MTW would be happy to engage in some investigative work with Yancoal’s contacts at Telstra and see what solutions are available.
- IH advised that the Bulga Hall Committee had received correspondence from Singleton Council regarding an opportunity for funding for mobile reception booster stations. IH advised that perhaps the Rural Fire Service had made an application for booster station funding. IH advised he could provide information on this to the MTW to distribute to the CCC.

***Action 4: MTW to enquire with Yancoal personnel on suitable Telstra contact regarding local mobile phone reception issues.***

***Action 5: IH to provide mobile phone reception presentation to MTW, and summary of outcomes of follow up meeting with Telstra.***

***Action 6: IH to provide recent correspondence from Singleton Council regarding funding subsidies for Telstra boosters, MTW to distribute to CCC.***

- IH – Discussed dust and air quality in the past week leading up to the CCC meeting. IH feels there are recent examples of avoidable dust conditions, and there are also some examples of really well managed dust conditions. GM advised there were two areas discussed with IH in past week, being the general haze and dust across the Hunter Valley and the appearance of that and site generated dust can appear very different at different times of the day, as we could see from IH's photos; and the other was specific dust sources of interest which IH was able to point out. GM advised MTW is very interested in controlling the sources of dust, like wheel generated dust, and had communicated the observations internally to try to improve performance. DB also added that from MTW's perspective those images showing dust generation on site is unacceptable for our company's standard, and had been shared on site, and we would work hard to improve.
- IH commented that since Yancoal had taken over operations of MTW he felt that conditions have become better and knows when he contacts the complaints hotline that his concerns are recorded and acted on effectively.
- DM – had received comment from other community member regarding some trees have been removed and taken away some of the visual screen along the Putty between MTW's bridges that cross Putty Road.

***Action 7: MTW to review visual screening along Putty Road between MTW bridges in relation to trees removed in that area***

- DM – expressed some frustration with the method in being able to contact DPIE officers, indicating that he has previously been able to contact officers directly, but recently it has been more difficult, being directed to a portal at times. GM advised he had provided DM with DPIE compliance contact details for direct contact to assist, which DM was appreciative of.
- DM – enquired about the height of the overburden dumps at WML after attending site tour prior to a previous CCC meeting. GM advised the consented heights of the WML dumps are 190m, and at MTO the maximum consented heights are 154m. Both sites have reached these heights and will progress west at these maximum heights.
- DM - Discussed the location of the Wambo Road noise monitor with respect of where remaining privately owned properties are located on Wambo Road. DM considers that CRO noise monitoring should be moved to a location further north on Wambo Road. GM advised the Wambo road monitoring location is required to remain on public roads for access and egresses for safety concerns. MTW is currently reviewing the Wambo Road noise monitor and we can take this information on board going forward.

***Action 8: MTW in response to enquiry from Denis to review the noise monitoring locations on Wambo Road***

- OL advised that Toni Silk (TS) wanted the CCC to know that she has recently moved to the Lake Macquarie area, and also wanted to advise she is still in regular contact with local people she has known over years as a resident and business owner in Bulga. BB commented that although she appreciated TS may be in touch with local community, in her opinion it would be more helpful if CCC members were from the local area.

**10.NEXT MEETING**

Next CCC Meeting: 24 November 2021, 2pm

**MEETING CLOSED 4:00pm.**

## **SUMMARY OF ACTIONS**

***Action 1: MTW to consult with CHAG on upcoming update to the current HHMP.***

***Action 2: MTW to catch up with Neville regarding his heritage items outside of what is required in the MTW HHMP***

***Action 3: MTW to provide summary of investigation findings for the elevated depositional dust levels at Warkworth gauge***

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# Mount Thorley Warkworth (MTW)

Community Consultative  
Committee (CCC)

Wednesday 25 August 2021

Time:

2pm – 4pm

Location:

Warkworth Meeting Room 1

and 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
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# 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

Apology – Stewart Mitchell, Adrian Gallagher, 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 to provide an update on the agreements arrangement for Crown Land / Roads within the disturbance area west of Warkworth mine.	MTW has agreements under s265 of the Mining Act (compensation) in relation to exercising mining activities within the Crown Land / roads within the disturbance area west of Warkworth mine. MTW is liaising with Crown Lands regarding potential purchase.
2	In response to an enquiry from SM about African Love Grass, MTW to seek information around MTW management of this weed species and current success rate.	Update provided on following slide (Slide 10)
3	In response to a query from NH, MTW to provide details on the location and activities in Loders Creek Cultural Heritage Conservation Area.	Update provided on following slide (Slide 11)



# Weed Management - African Love Grass

- African Love Grass (ALG) is listed in the Hunter Regional Strategic Weed Management Plan in Appendix 2.1 - Additional Species of Concern. Whilst these are not priority weeds, they are "species that are of concern to the Hunter community or are a high priority for a number of current programs, though not feasible to contain or eradicate." ALG is managed as a Containment priority, however on a finer scale it is managed at all priority levels, as outlined in the table below.
- ALG is readily controlled with the correct application of herbicide, best undertaken when it is actively growing in Spring and Summer. Across the offsets a variety of herbicide application methods are utilised for efficient ALG control. RoundUp Biactive is the most commonly used herbicide to manage ALG.

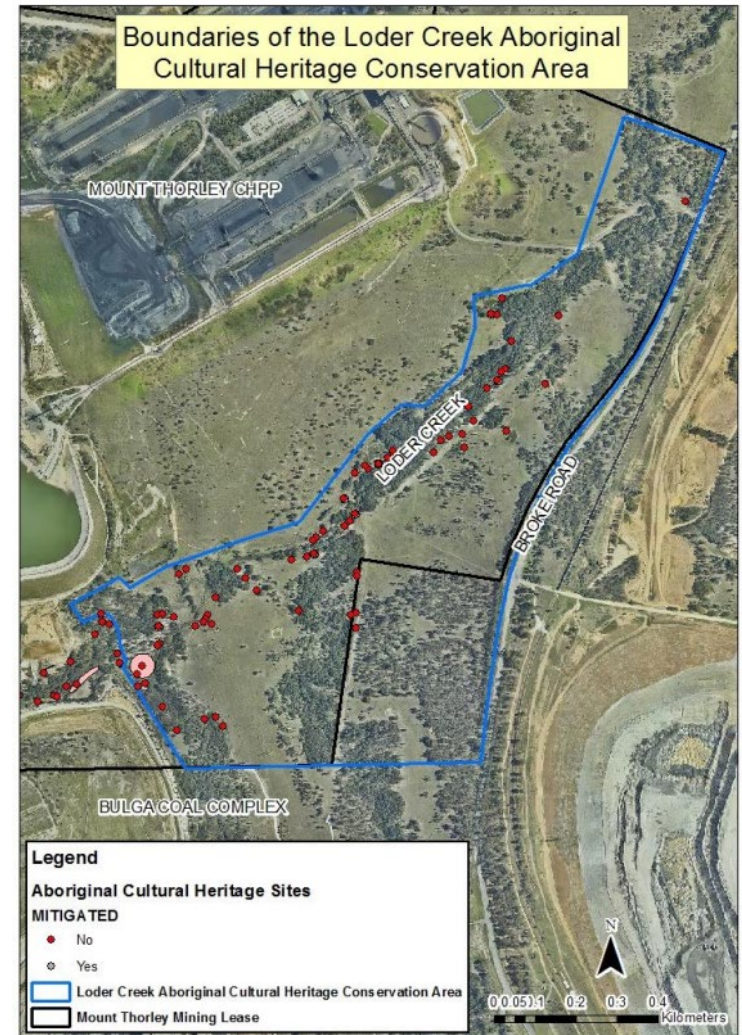
Prevention	<p>High ecological value areas and/or other areas free of ALG, particularly intact WSW, translocated topsoil plots</p> <ul style="list-style-type: none"> <li>- <i>Good hygiene practices e.g. cleaning tools and vehicles of potential seed prior to entering the area</i></li> <li>- <i>Regular monitoring for ALG incursion</i></li> </ul>
Eradication	<p>New infestations, particularly intact WSW, translocated topsoil plots</p> <ul style="list-style-type: none"> <li>- <i>Manual removal or herbicide control, with follow-up</i></li> <li>- <i>Regular monitoring for reincursion</i></li> </ul>
Containment	<p>Bushland and plantings adjacent to existing ALG infestations, Offset boundaries, tracks and vehicle park-up areas</p> <ul style="list-style-type: none"> <li>- <i>Regular herbicide control of isolated plants spreading from the core infestation, with follow-up</i></li> <li>- <i>Regular monitoring and control of plants in high traffic areas, or spreading along tracks</i></li> </ul>
Asset Protection	<p>High ecological value areas within existing ALG infestations e.g. isolated trees or patches, other areas generally at risk from ALG infestation e.g. structures and equipment</p> <ul style="list-style-type: none"> <li>- <i>Identify assets and determine relative priorities</i></li> <li>- <i>Undertake manual removal, slashing or herbicide control as appropriate, with follow-up</i></li> <li>- <i>Regular monitoring for additional works</i></li> </ul>

Table 1: Weed control priority matrix, applied at a small scale to areas of the MTW Local Biodiversity Offsets



Photo 1 – High volume spraying conducted targeting ALG.

# Loders Creek Cultural Heritage Conservation Area



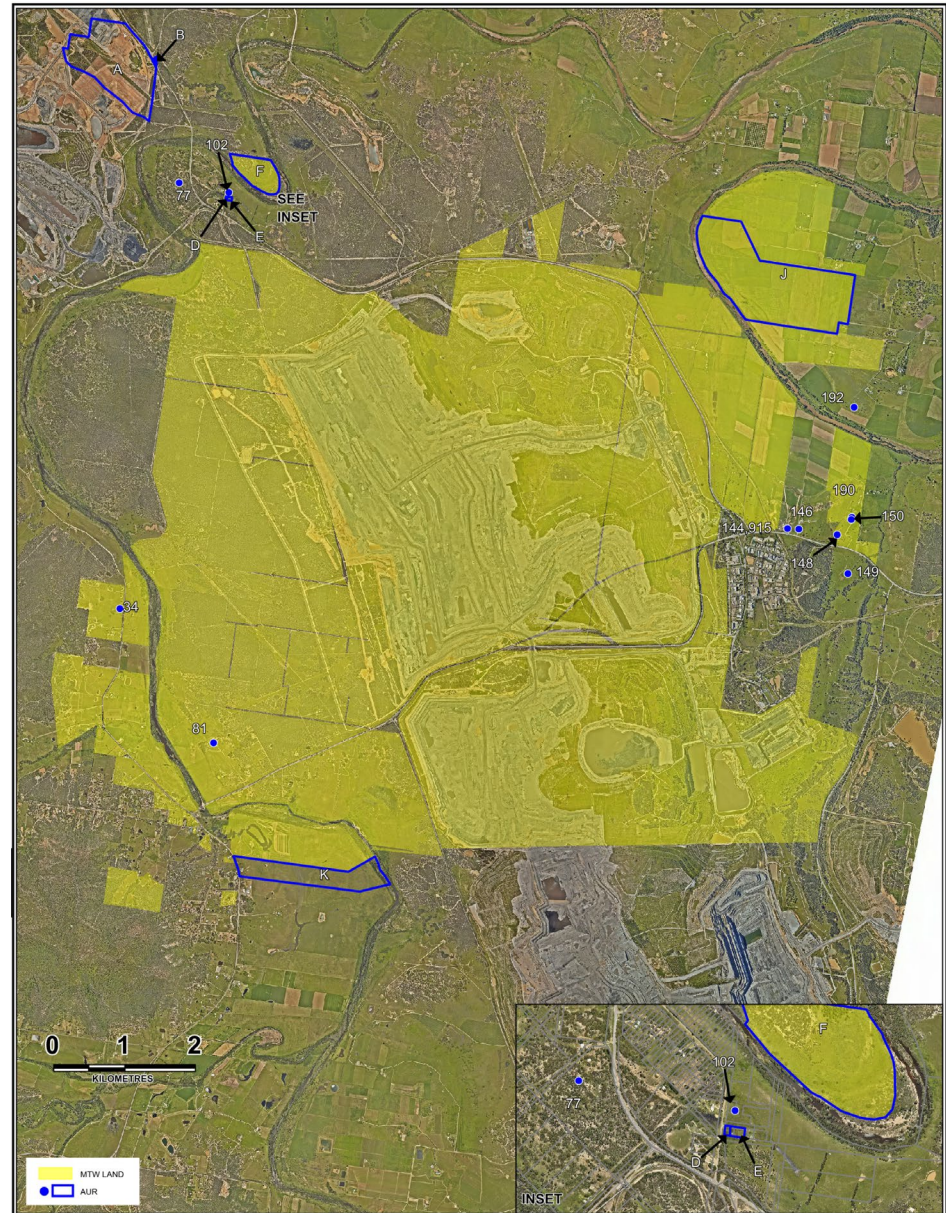
- A Loders Creek Aboriginal Cultural Heritage Conservation Area (LCACHCA) Plan of Management is available on the MTW website which describes management actions for the LCACHCA.

# 4. Business Arising

Action No.	Action	Response/ Update
4	MTW to provide status on property acquisitions by the mine with respect to properties with acquisition rights in the development consents.	See update on following slide (slide 13)
5	MTW to invite CCC to separate meeting to discuss Blast Management Plan / Road Closure Management Plan processes.	GM sent invitation to all CCC members to a meeting regarding Blast Management Plan and Road Closure Management Plan processes on 30/7/21. Some discussion has occurred with interested members and a copy of the updated Blast Management Plan provided. Further discussion planned.
6	In response to enquiry from SM, MTW to provide clarification on the need for and frequency of CHAG meetings with respect of development consent processes.	The development consents and Historic Heritage Management Plan (HHMP) have been reviewed. The development consent requires that the HHMP is prepared in consultation with the Heritage Branch, Council, CHAG & local historical organisations. This has occurred and is referenced in the HHMP. There is no requirement for meetings with the CHAG (regular or otherwise). There is a requirement for consultation on the HHMP, which may take the form of meetings if that is deemed the most appropriate method by MTW.

# MTW Development Consent Acquisition Rights Response

- Properties with development consent acquisition rights (SSD-6464 and SSD-6465) are shown with current land ownership.



# 4. Business Arising

Action No.	Action	Response/ Update
7	MTW to provide details of relevant contact at Singleton Council regarding MTW Historic Heritage Conservation Fund.	Email with Council contact was sent to Stewart Mitchell on 2/6/21, and also sent to all CCC Members on 4/8/21.
8	MTW to investigate west bound traffic turning right off Putty Road into shutdown pad and whether signage is appropriate for this entrance.	See update on following slide (slide 15)

# MTW Gate Entry via former WSR – Putty Road

- At the time of the CCC enquiry, there were two portable variable message signs located on the west and east side of the former Wallaby Scrub Road entry to site from the Putty Road. This access was being used to access an equipment shutdown / build pad. These signs respectively indicated vehicles turning at approx. 500 metre distance during delivery of major components. After completion of the main delivery task, those VMS signs were removed and the 'trucks turning on left/right' signs on the west and east side of the intersection were left in place.



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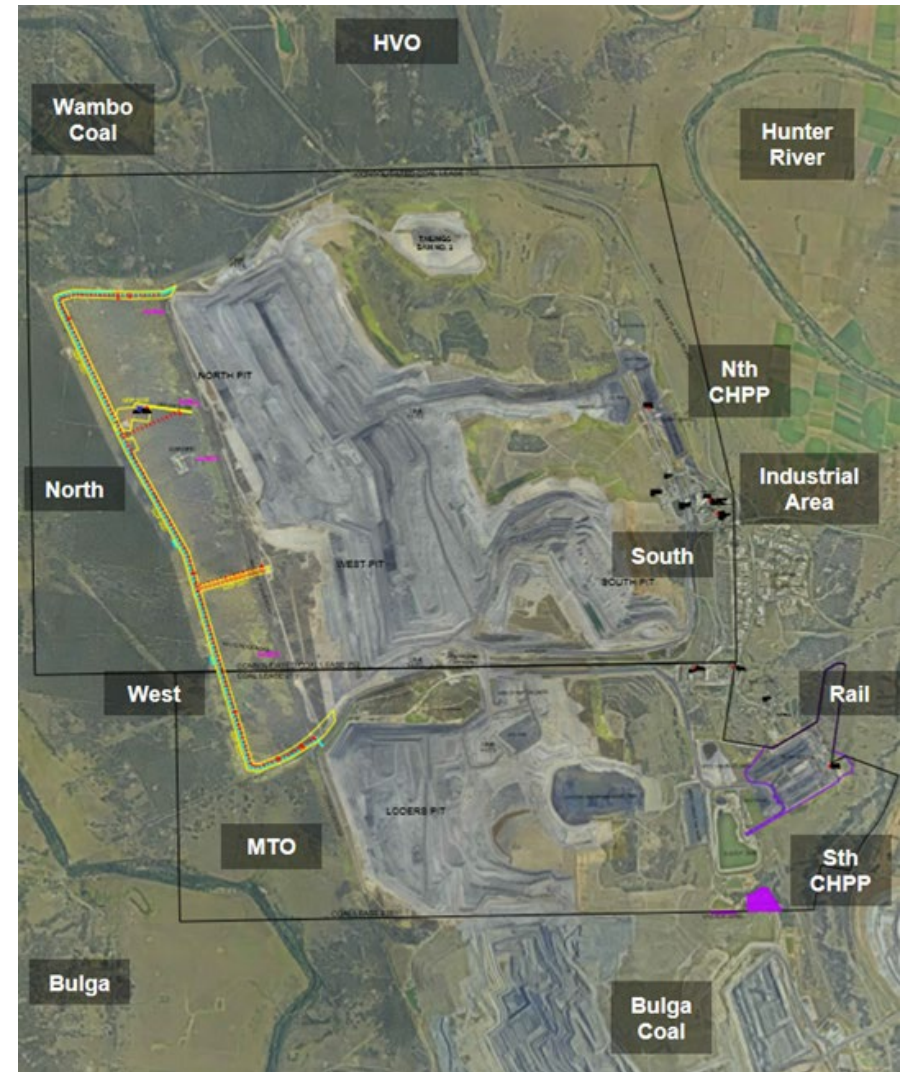
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# MTW Operations

- MTO: Coal production has ceased as previously communicated at MTO. 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
- Coal processing and train loading normal operations.



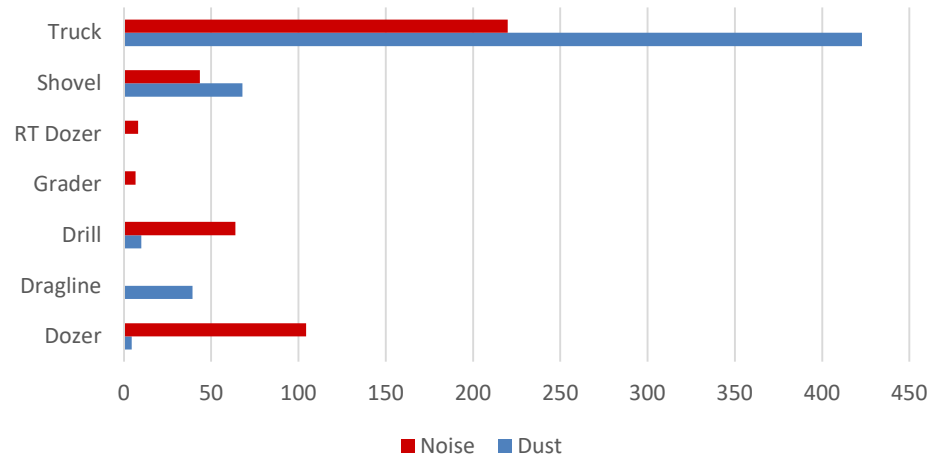
# Exploration

- Exploration activities have continued within the current leases, and will continue in 2021 and 2022.
- Planning for 2022 program has commenced.



# MTW Operations

2021 Operational Downtime YTD

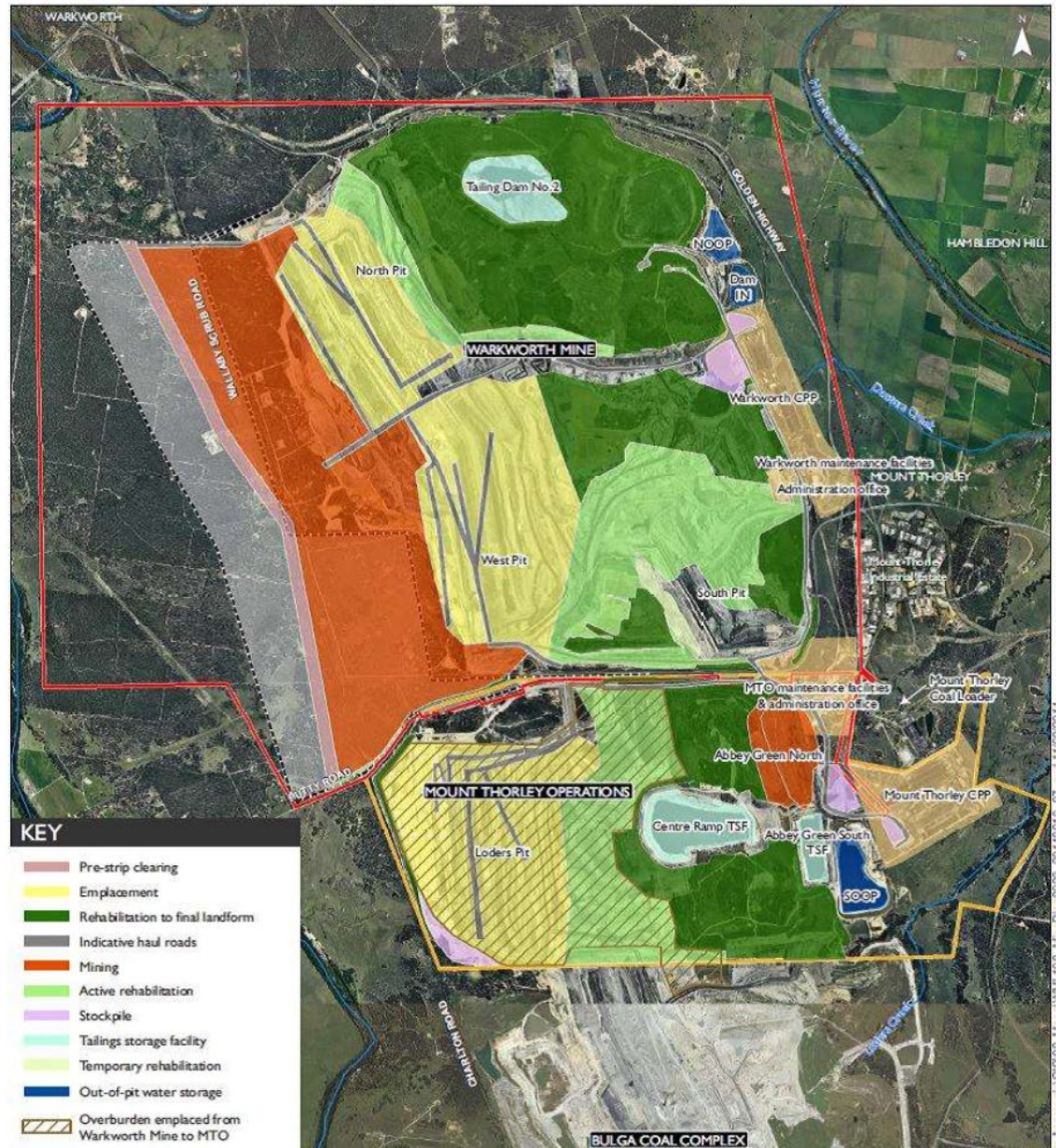


MTW Noise Monitoring YTD

	# CRO Assessments	# Individual assessment above trigger	# Nights above trigger
2021	4458	57	28
2020	7510	72	42
2019	8023	93	45
2018	6909	43	22

# MTW Operations – NOOP Dam

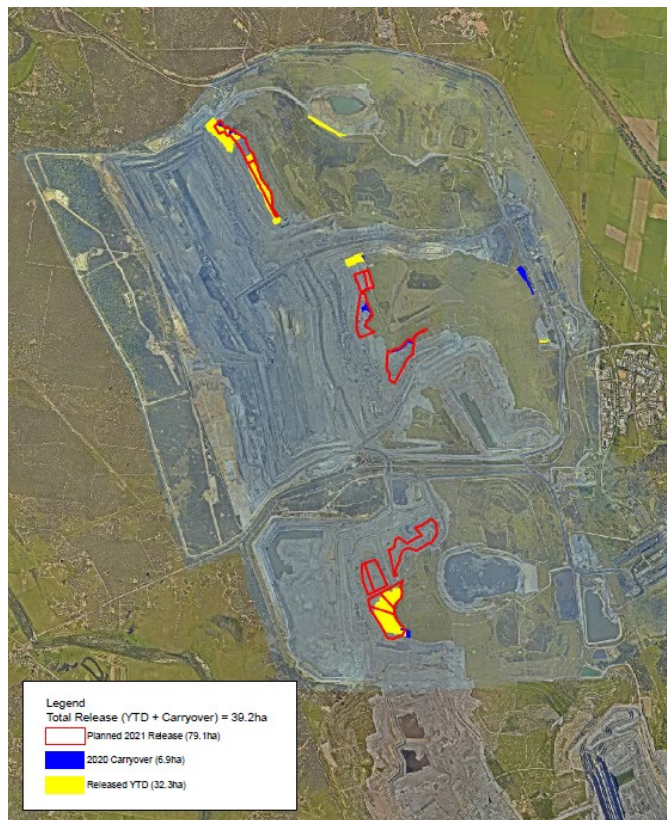
- NOOP is an approved dam in Warkworth Continuation Project development consent SSD-6464 and will provide improved water security / balance position at MTW.
- Infrastructure and test blasting initially completed in 2019.
- North Out Of Pit (NOOP) main dam construction is planned to commence in late 2021 / early 2022.



# MTW Operations – Rehabilitation/ Disturbance 2021

Rehabilitation reforecast for 2021 - 41Ha seeded (shown in red).

- Progress to end of July:
  - Released = 39.2ha (of which 26.9ha has been shaped)
  - Ready to seed = 15.2ha



# MTW Operations – Rehabilitation/ Disturbance 2021

Disturbance forecast for 2021 – 46.8Ha (New Disturbance and Rehab Disturbance shown in red and blue polygons respectively).

- Progress to end of July:
  - Disturbed = 44.2ha





# MTW Vertebrate Pest Management 2021

The 2021 vertebrate pest programs have been 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.

The following programs have been undertaken YTD:

- Feral pig monitoring MTW: February/March
- Feral pig 1080 baiting and shooting Goulburn River Biodiversity Area: March
- 1080 ground baiting programmes targeting wild dogs and foxes at MTW and the Southern BA in March and all MTW and all offset areas June.
- Aerial shoot (NPWS) at Goulburn River BA: April
- Professional Wild Dog Controller Program



The following programs are scheduled for Q3 2021:

- Noisy Miner program Goulburn River Biodiversity Area
- 1080 ground baiting programmes in autumn targeting wild dogs and foxes



# MTW Weed Management 2021

Weeds targeted in MTW operational areas YTD included:

- Galenia (*Galenia pubescens*)
- Blue heliotrope (*Heliotropium amplexicaule*)
- Narrow leaf cotton bush (*Gomphocarpus fruticosus*)
- Lantana (*Lantana Camara*)
- Mother of millions (*Bryophyllum delagoense*)
- Opuntia (Pear) species (Tiger, Prickly and Creeping Pear)
- Saligna (*Acacia saligna*)
- St Johns Wort (*Hypericum perforatum*)
- Rhodes Grass (*Chloris gayana* )
- African Lovegrass (*Eragrostis curvula*)
- Panic Veldt Grass (*Ehrharta gayana kunth*)



Cut and paint of Acacia Saligna in the rehab



Low volume spraying South Pit rehab

# MTW BA Weed Management 2021

Weeds targeted in the Southern and Northern Biodiversity Area YTD 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 delagonese*)
- Coolatai Grass (*Cynodon dactylon*)
- Whisky grass (*Andropogon virginicus*)
- Farmers Friends (*Bidens ssp*)
- Stinking roger (*Tagetes minuta*)
- Galenia (*Galenia pubescens*)
- Lantana (*Lantana camara*)
- Various grasses (*Grass spp*)



Low volume spraying in SBA3 targeting Mother of Millions



Splattering in SBA3 targeting Lanatana

# MTW Northern BA Planting Program 2021

Warkworth Sands Woodland (WSW) planting progress:

- 2021 planting strips were sprayed out ahead of the sand getting spread.
- The additional 3,632m<sup>3</sup> was spread into strips and seeded with a native grass mix in April.
- Tube stock planting is scheduled for Q3 2021.



Planting strips sprayed and prepared for sand spreading



Planting strips spread with sand and seeded with native grasses

# MTW Southern BA Planting Program 2021

Central Hunter Grey Box – Ironbark Woodland and River Oak Forest progress:

- Weed control of planting areas is being undertaken.
- 2021 infill planting commenced in July focusing on SBA3, SBA4 and SBA5 areas.



# MTW Goulburn River BA Planting Program 2021

Central Hunter Grey Box – Ironbark Woodland and River Oak Forest progress:

- Weed control of planting areas is being undertaken.
- 2021 infill planting has commenced with half the area completed and the remainder scheduled for Q3



# 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.
RAAF Mess Hall track maintenance and repairs	<b>In Progress</b> Ground Disturbance Permit approved, awaiting contractor .
Arrange for asbestos to be removed from Red Brick House and RAAF Mess Hall area.	<b>In Progress</b> Contractor inspected buildings awaiting quote.
Obtain quotes for tree removal at Springwood and RAAF	<b>Quotes Received</b> Works to be completed in 2021.
Obtain quotes for Red Brick – door and window plywood replacement and minor roof repairs.	<b>Quote Received</b> Works to be completed in Q3 2021.
Obtain quotes for Red Brick – minor brickwork repairs.	<b>Quote Received</b> Works to be completed in Q3 2021.



Red Brick House



RAAF



Springwood

# MTW Historic Heritage Management – CCC Queries

Historic Heritage Queries – Neville Hodkinson	Status
Mount Thorley Heritage Homesteads on Philip Thorley Lands in addition to Jarvis House refer attachment for the Archaeological Region under investigation	<p>Items/properties required to be managed under the development consents are included in the MTW Historic Heritage Management Plan (HHMP).</p> <p>Lands outside of the mining leases/development consent, in the majority are not covered by MTW's HHMP. They are subject to normal landowner management and development processes through Council and are not the subject of MTW's development consents.</p>
MTW Lands Homestead (Water Wells & Property Bores) locations past and future mining impacts and Archaeological Reports	Well 2 archaeological investigations were completed as required by consent and as described in the MTW HHMP.
Detail the designated Land area Heritage Protected and Status of Springwood/ Burwood Property and Orchard Heritage Conservation and Protection	The MTW HHMP includes a Conservation Management Plan for Springwood.



# MTW Cultural Heritage Management - Actions

Cultural Heritage Items	Status
Coordinate meeting of CHWG for 2021.	Meeting yet to be scheduled – COVID affected
Coordinate meeting of Wollombi Brook Aboriginal Cultural Heritage Conservation Area Plan of Management Implementation Group (WBACHCA PMIG) for 2021.	Meeting yet to be scheduled – COVID affected
Obtain quotes for assistance with scar tree re-location in 2021.	<b>Quote Received</b> Consultation with CHWG required prior to progressing works
Replace signage	<b>Ongoing</b> Commenced in Q4 2020.
Action recommendations following AHMP Annual Compliance Report, including re-barricading sites and erecting new signage	<b>Quote Received</b> Works to be completed in Q3 2021.
WBACHCA conservation agreement progression	Survey sketch plans updated to exclude non MTW owned land. Planning to lodge updated conservation agreement Aug-Sep 2021 with Heritage NSW.



Example of dilapidated barricading to be re-barricaded



New signs format

# 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 March, April and May 2021  
Appendix D – June MEMR to be provided at a later date.

# Management Plans / Reporting

- On 20/07/21 DPIE approved a number of Environmental Management Plans which were originally submitted for review in 2020. Approved Management Plans included;
  - NBA Management Plan
  - SBA Management Plan
  - Blast Management Plan
  - Environmental Management Strategy
  - Air Quality Management Plan

These management plans can be accessed and downloaded from the MTW website.

# 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

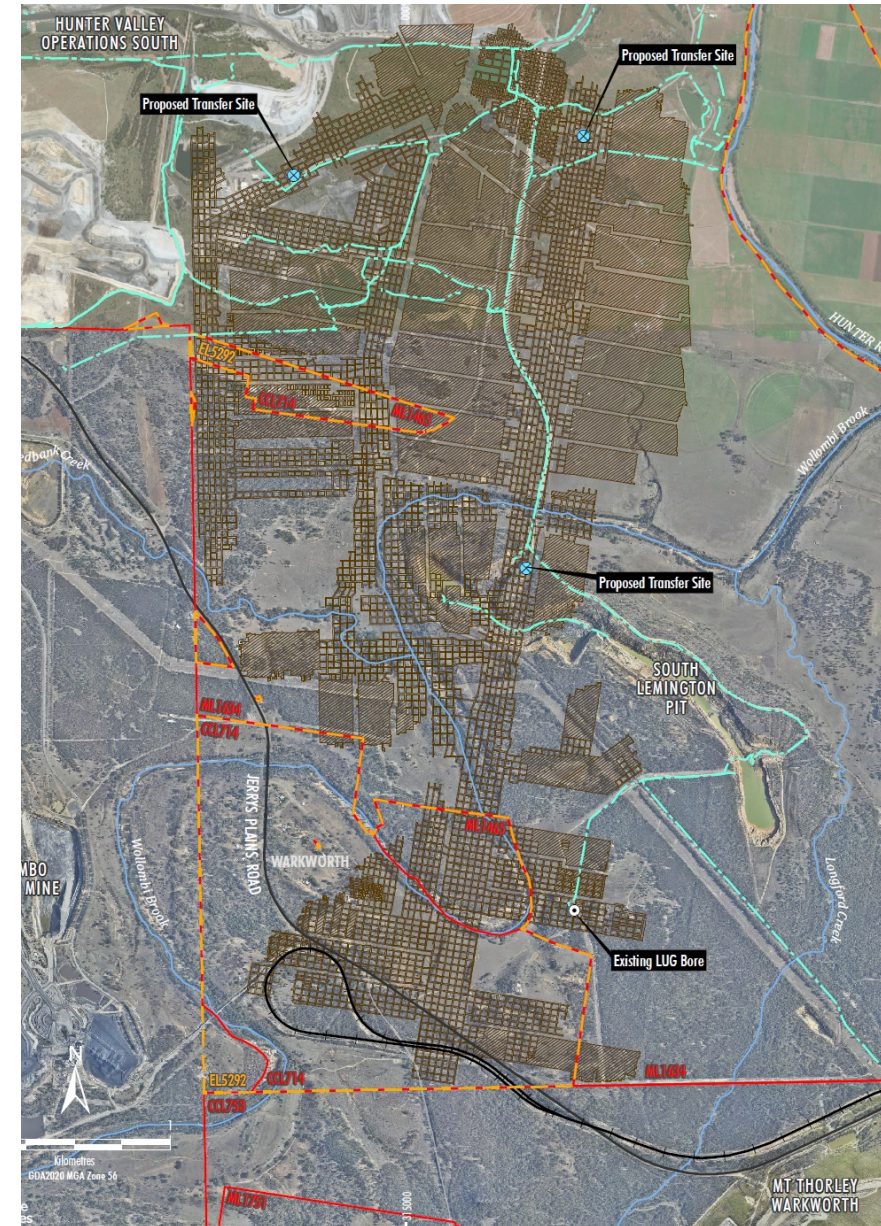
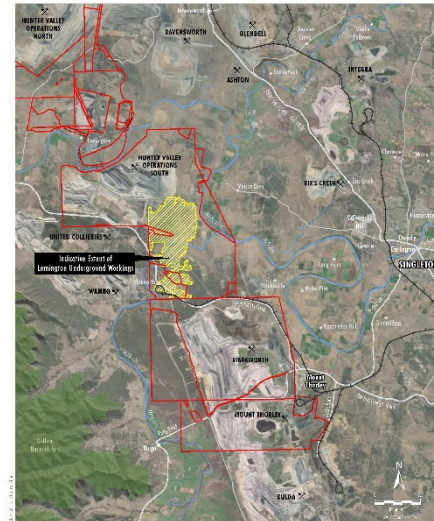
# Agenda

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8. Other agenda items
9. **General business**
10. Next meeting

# 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

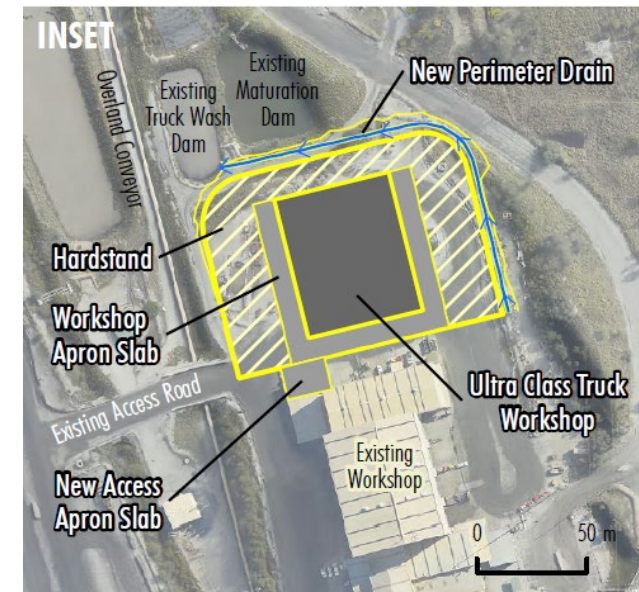


# Proposed Modification - Lemington Underground Water Storage & WML Workshop Modification Update



## 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



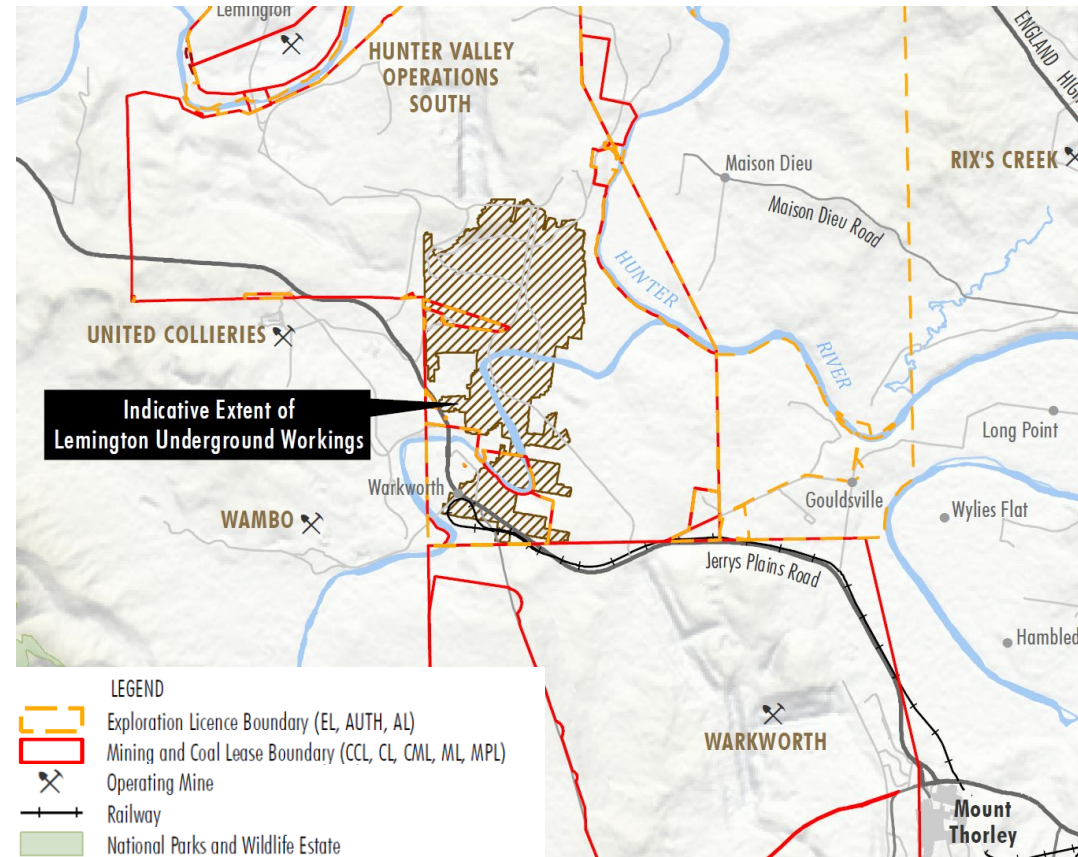
# Proposed Modification - Lemington Underground Water Storage & WML Workshop Modification Update

## Benefits of the Modification

- 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

## Next Steps for the Modification

- It is anticipated that the Modification applications will be lodged in coming weeks
- The Modification Reports will be available for viewing through the NSW Department of Planning, Industry and Environment's website





# Community update

## Community Support Program

The Community Support Program has continued. Many events being supported are from postponed events from 2020 due to COVID-19, and ongoing partnerships:

- University of Newcastle Scholarship Program
- Singleton Schools Learning Community – Visible Wellbeing Project (VWB techniques help teachers to use the learning process itself as a delivery mechanism to build student wellbeing - for teachers and students in all Singleton schools – in it's final year)
- Newcastle & Hunter Combined Schools ANZAC Service – 2020 ANZAC Service (April 2021)
- Singleton Business Chamber – Hunter Coal Festival (COVID19 – Support held for event – planned for October 2022)
- Rotary Club of Singleton on Hunter – Singleton Art Prize (July 2021)
- Singleton Theatrical Society – Annual Musical (June 2021)
- University of Newcastle – Upper Hunter Science and Engineering Challenge (June 2021)

The following 7 organizations were successful applicants from the November 2020 round, and are being supported in 2021 through the Community Support Program:

- Branxton Tennis Club – Tennis court resurfacing and new nets
- PCYC Singleton – Electronic scoreboard
- Singleton Council – Christmas on John Street 2021
- Singleton Fire Brigade Social Club – Santa's lolly run
- Singleton Neighbourhood Centre – Garden project
- St Catherine's Catholic College – Bush tucker garden
- Westpac Rescue Helicopter Service – Hunter Valley Mining Charity Rugby League Day 2021



# General Business

**General Business – other?**

# Agenda

1. Welcome (Col)
2. Apologies (Col)
3. Declaration of pecuniary interests / conflicts of interest (Col)
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5. Correspondence (Col)
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8. Other agenda items
9. General business
10. Next meeting

# Future Dates

## **Next Meeting Date**

**Date:** 24 November 2021

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

**Location:** Boardroom, North Warkworth Building or via Teleconference



# Mount Thorley Warkworth Community Consultative Committee (CCC)

BUSINESS PAPERS August 2021

## Contents page

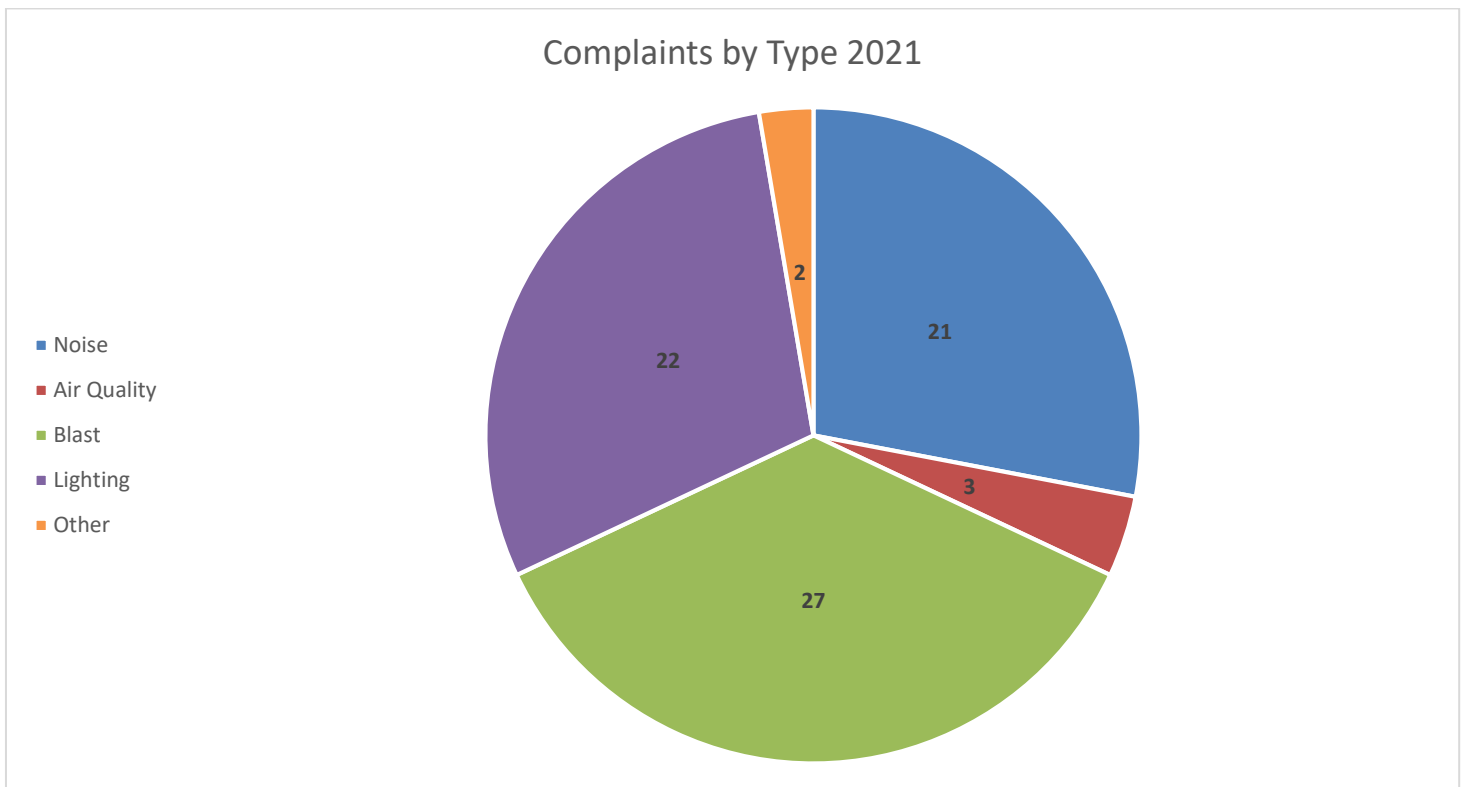
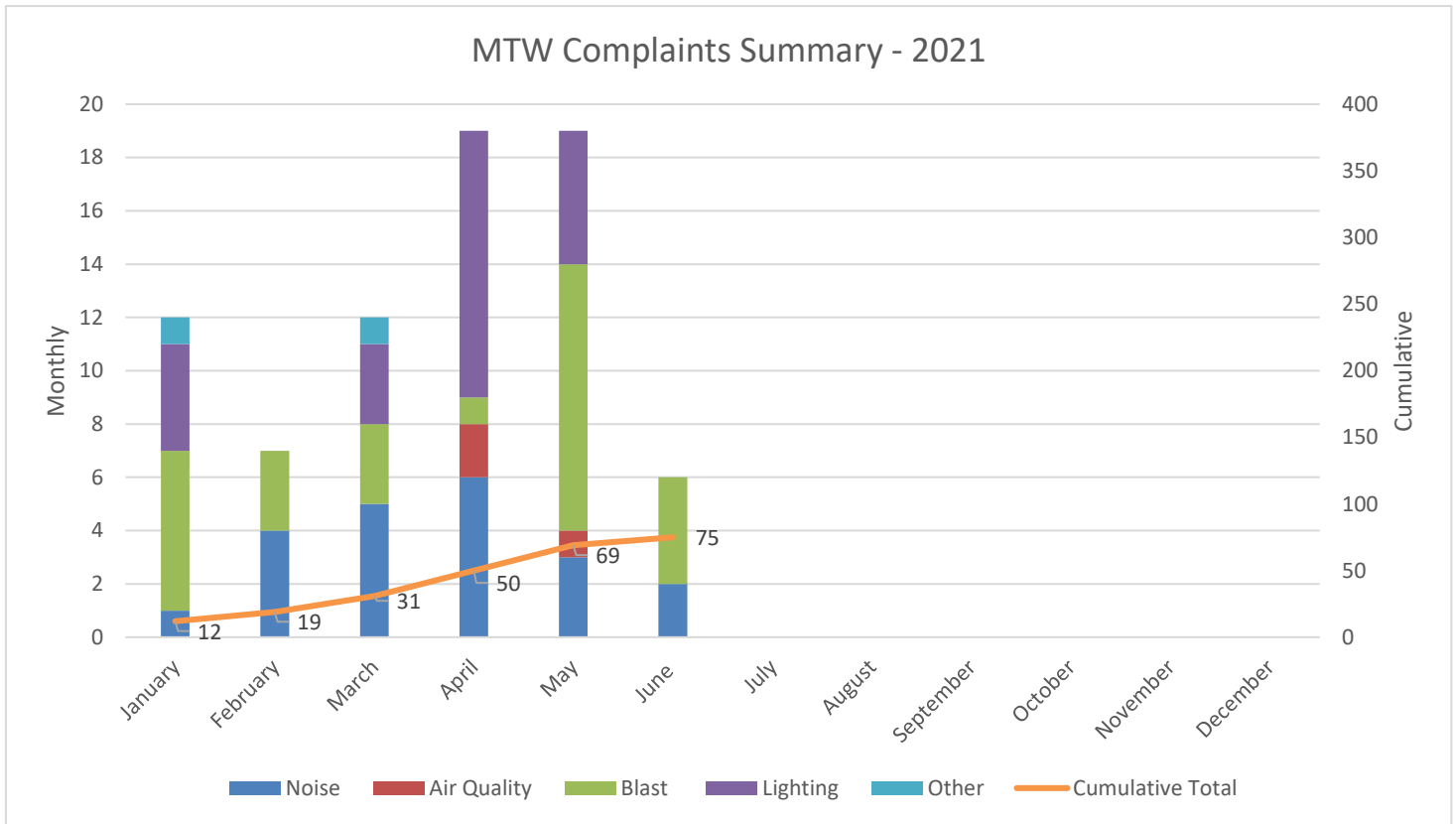
1	Complaints.....	3
2	Incidents .....	4
3	Environmental Monitoring.....	5
4	Rehabilitation Plan .....	6
5	Website Uploads .....	12
7	Yancoal community Support Program .....	13

### Appendices

- Appendix A – Environmental Monitoring Report March 2021 (included as not provided subsequent to May 2021 CCC Meeting)
- Appendix B – Environmental Monitoring Report April 2021
- Appendix C – Environmental Monitoring Report May 2021
- Appendix D - Environmental Monitoring Report June 2021 (to be provided at a later date)

## 1 COMPLAINTS

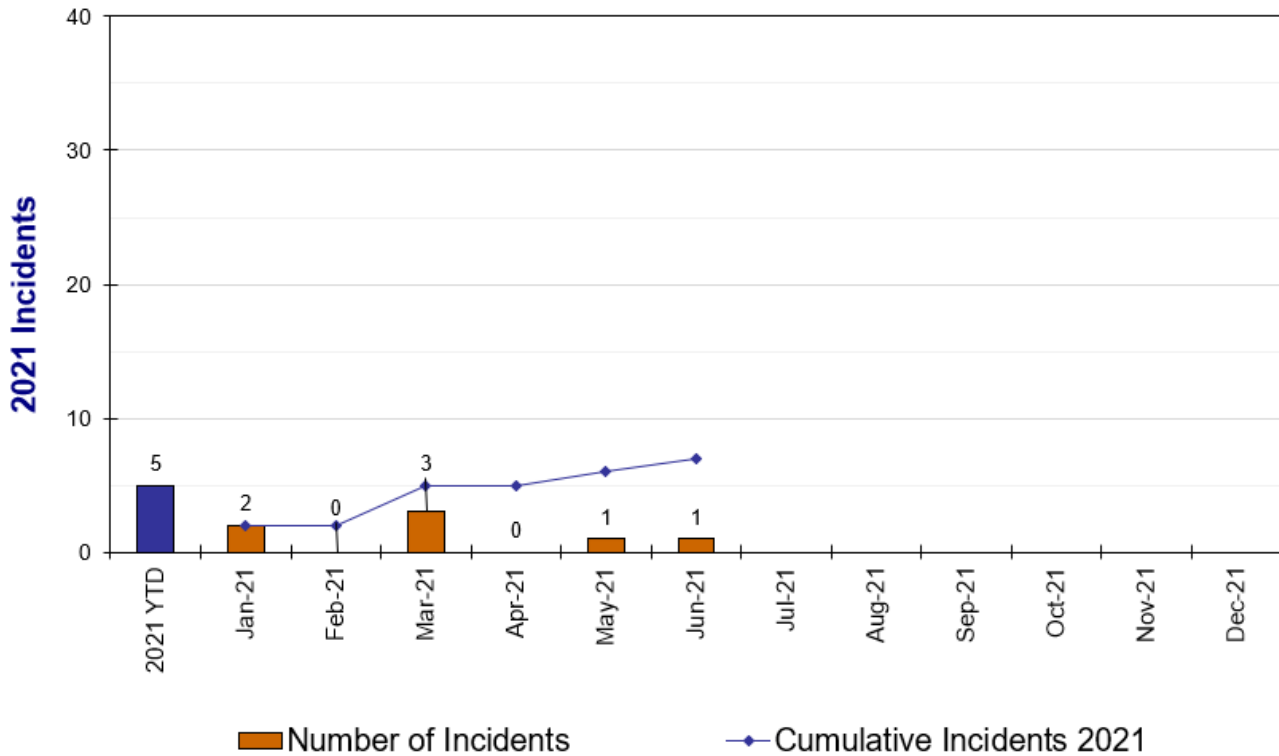
### Complaints overview for period – 1 April 2021 to 30 June 2021



## 2 INCIDENTS

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

### MTW Environmental Incidents 2021



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

Date	Details	Key Actions	Aspect
03/05/21	Minor hydrocarbon spill and stain observed on ground adjacent to pump at Dam 2S	The E&C and infrastructure team were notified, and the contaminated material was cleaned up and taken to the WML bioremediation area. Pump fuel system inspected for defects and repaired, where required.	Hydrocarbon
02/06/21	Minor hydraulic oil spill to ground whilst moving truck RD401 around south workshop	The E&C team were notified. The contaminated material was cleaned up and taken to the WML bioremediation area. HME inspected for defects and repaired, where required.	Hydrocarbon



### 3 ENVIRONMENTAL MONITORING

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

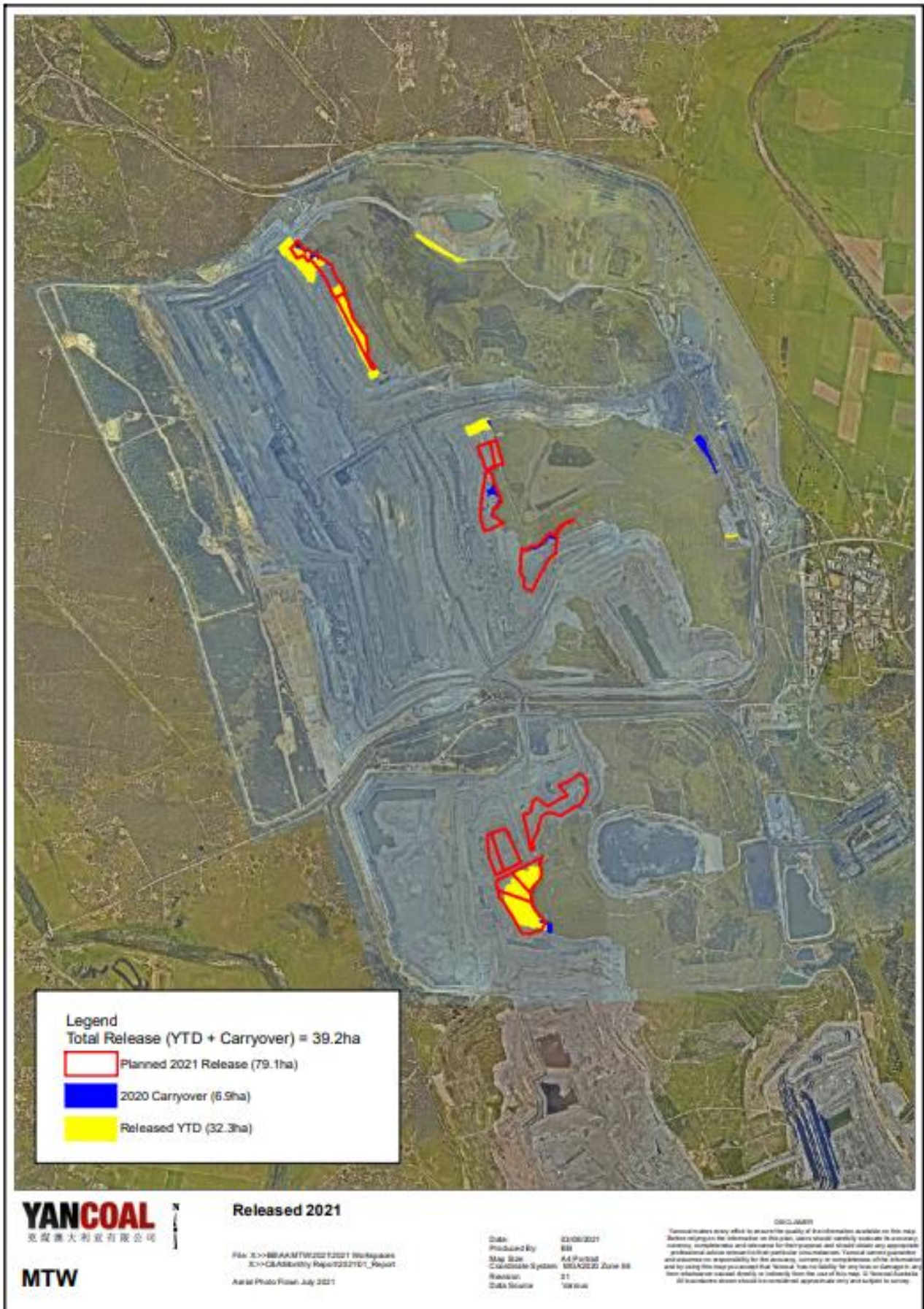
- **March 2021** - Attached as **Appendix A** (included as not provided subsequent to May 2021 CCC Meeting)
- **April 2021** - Attached as **Appendix B**
- **May 2021** - Attached as **Appendix C**
- **June 2021** – **Appendix D** (to be provided at a later date)

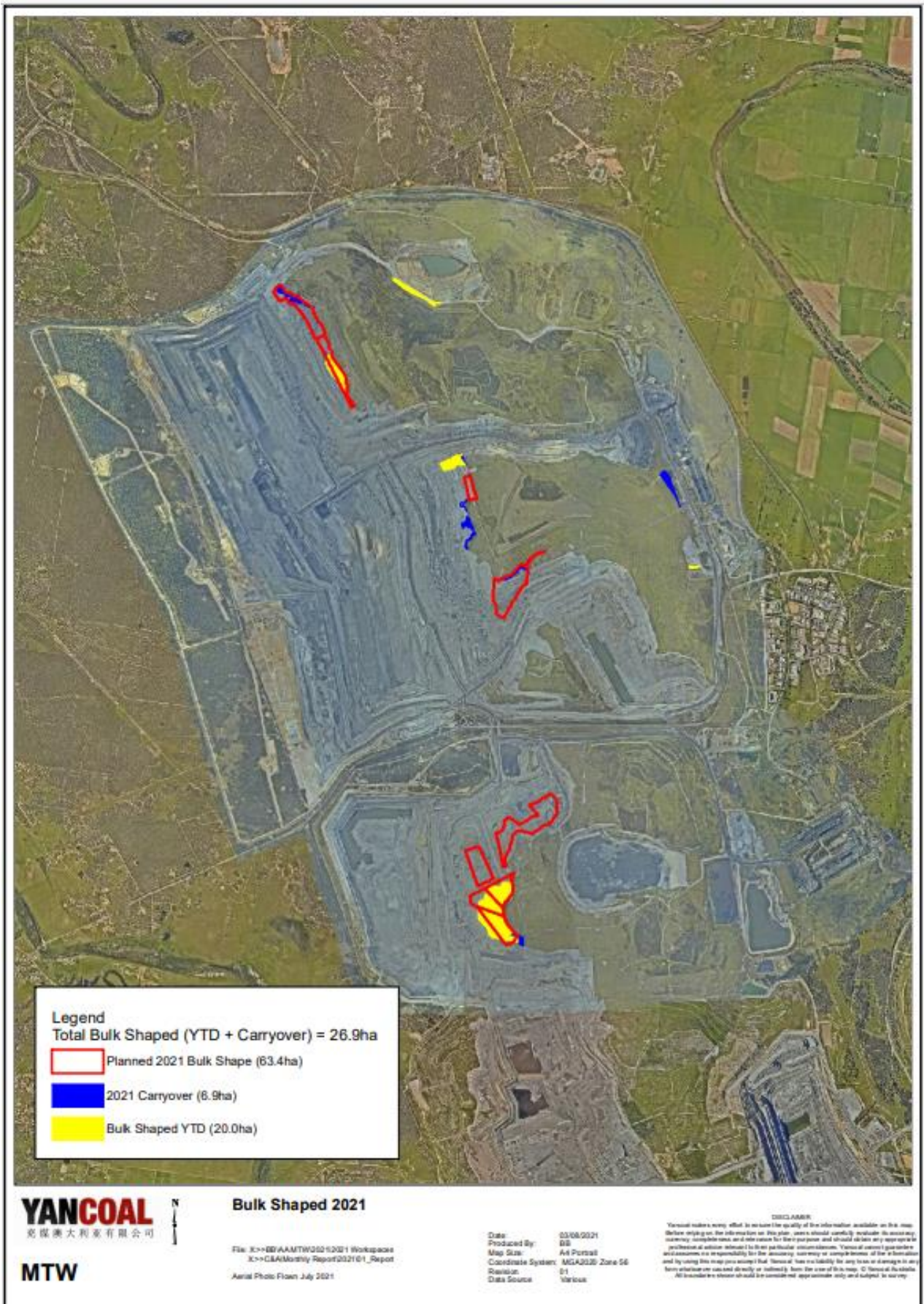
#### **4 REHABILITATION PLAN**

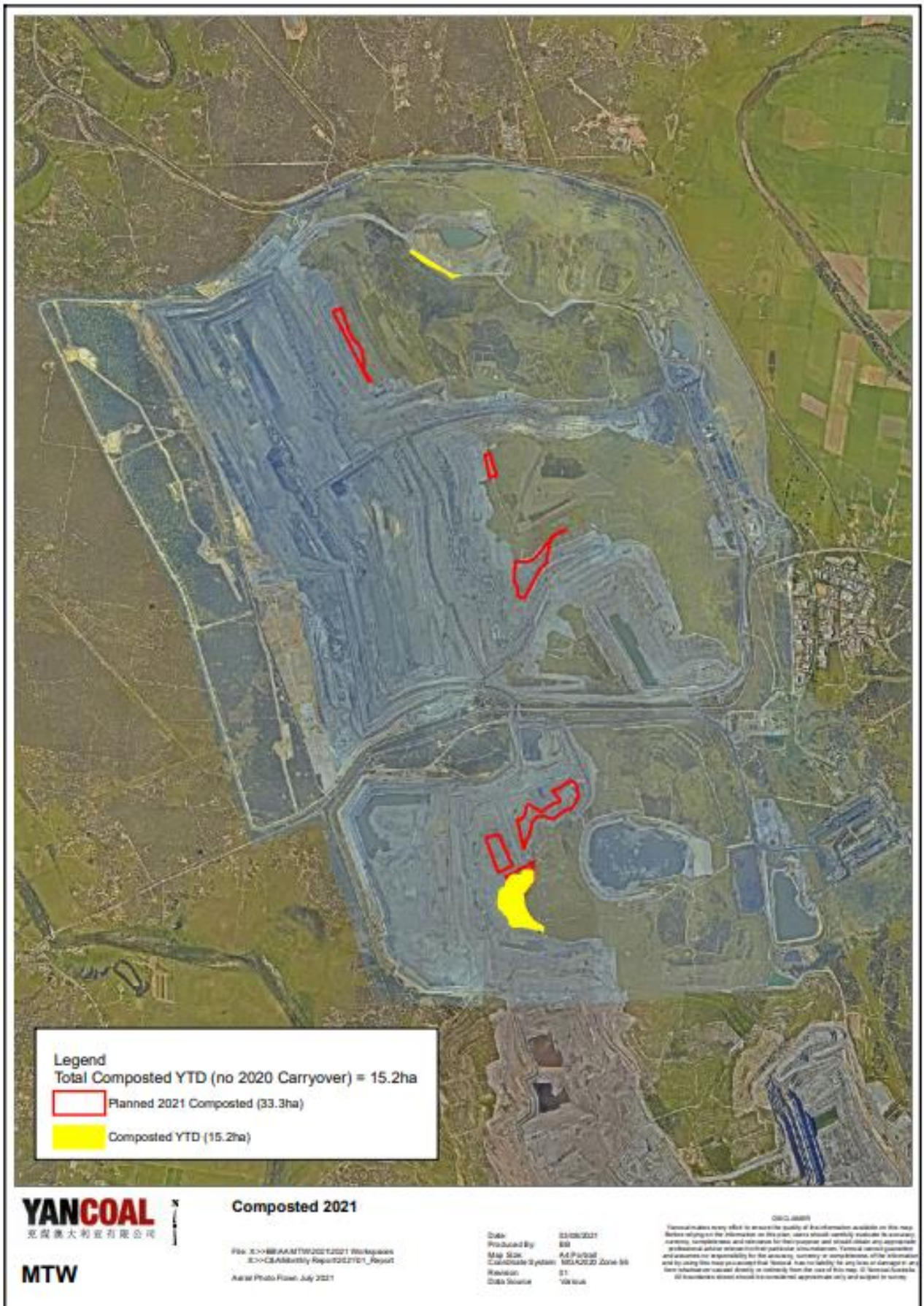
The rehabilitation planned for 2021 is 41ha, consisting of 35ha Mining Operations Plan (MOP) rehabilitation target for 2021 and the 6ha shortfall from the 2020 rehabilitation target. The 2021 planned bulk shaped polygons and progress YTD are presented in the map below. The planned total disturbance is 46.8ha, which includes 3.8ha of rehabilitation disturbance to construct the North Out of Pit Dam.

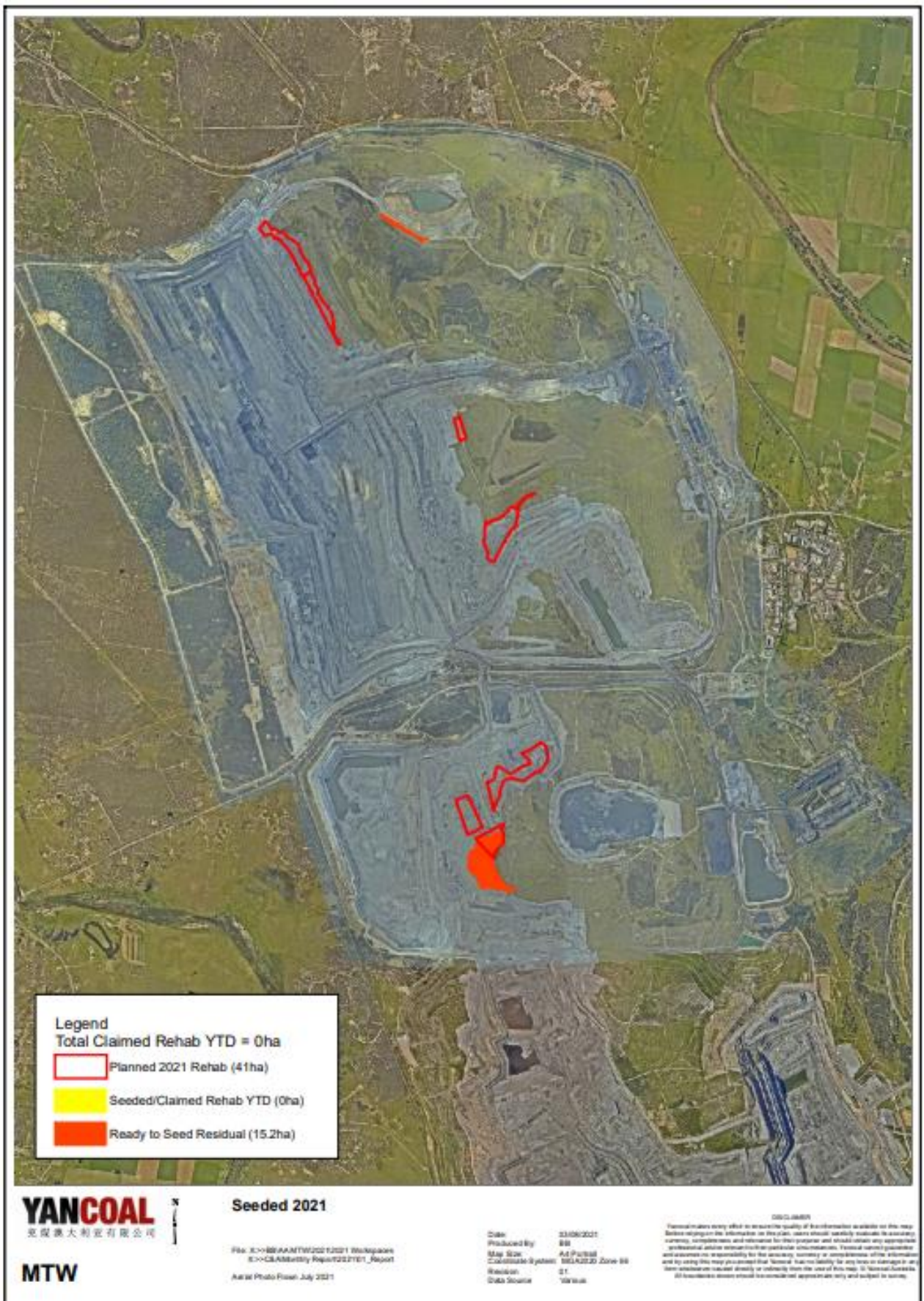
At the end of July, there was 26.9 ha of bulk shaping that had been completed and a further 12.3 ha of dump area that had been released for bulk shaping. An area of 15.2 ha was composted and was prepared for seeding.

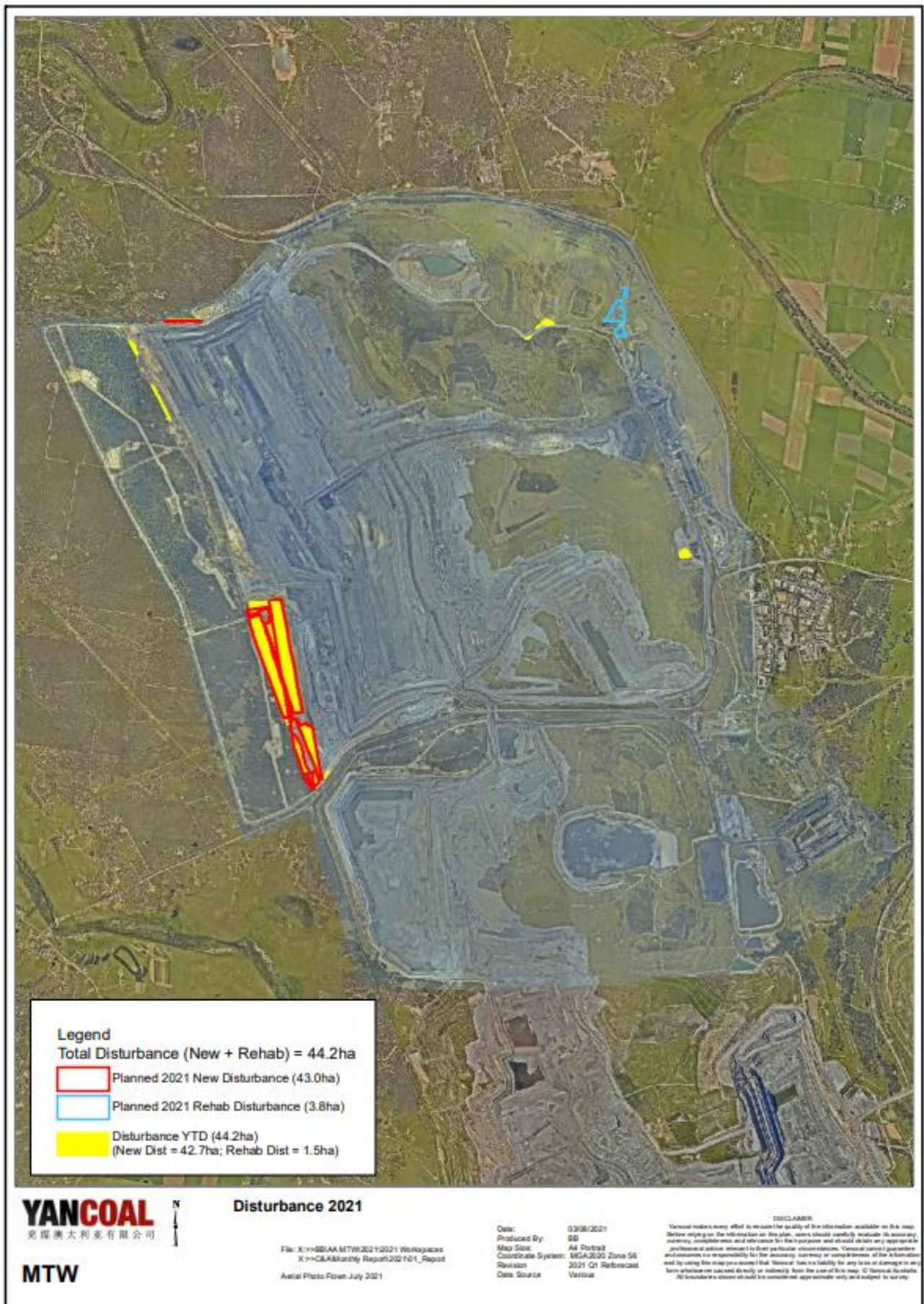
Disturbance completed to the end of July totals 42.8ha and is mainly associated with clearing ahead of mining in West Pit and extension of existing infrastructure areas.











## WEBSITE UPLOADS

The table below is a list of all new documents uploaded to the MTW's website from 13 May 2021 to 10 August 2021. Please refer to the library page of the website for document contents:

<https://insite.yancoal.com.au/document-library/mtw>

Document Title	Upload
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data April 2021	25-May -21
MTW Community Consultative Committee Meeting – May 2021 - Business Paper, Minutes and Presentation	16-Jun-21
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data May 2021	24-Jun-21
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data June 2021	21-Jul -21
Mount Thorley Warkworth Air Quality Management Plan	22-Jul -21
Mount Thorley Warkworth Blast Management Plan	22-Jul -21
Mount Thorley Warkworth Noise Management Plan	22-Jul -21
Mount Thorley Warkworth Environmental Management Strategy	22-Jul -21
Mount Thorley Warkworth Southern Biodiversity Management Plan	22-Jul -21
Mount Thorley Warkworth Northern Biodiversity Management Plan	22-Jul -21
Mount Thorley Warkworth Environmental Monitoring Report March 2021	12-Aug-21
Mount Thorley Warkworth Environmental Monitoring Report April 2021	12-Aug-21
Mount Thorley Warkworth Environmental Monitoring Report May 2021	12-Aug-21



## 6 YANCOAL COMMUNITY SUPPORT PROGRAM

Some MTW Community Support Program (CSP) events being supported in 2020 have postponed their timing into 2021 due to COVID-19. The following organizations are who have postponed their timing into 2021 due to COVID-19:

- Westpac Rescue Helicopter Service – Hunter Valley Mining Charity Rugby League Competition 2020 (COVID-19 – Support held for event in March 2021 – but cancelled due to inclement weather).
- Newcastle & Hunter Combined Schools ANZAC Service – 2020 Singleton ANZAC Service (COVID-19 – April 2021)
- Singleton Business Chamber – 2020 Hunter Coal Festival (COVID19 – Support held for event – planned for November 2021)
- Rotary Club of Singleton on Hunter – 2020 Singleton Art Prize (COVID19 – July 2021)
- Singleton Theatrical Society – 2020 Annual Musical (COVID19 – June 2021)
- University of Newcastle – Upper Hunter Science and Engineering Challenge (COVID19 – June 2021)

The CSP invests in community groups working in the areas of health, social and community, environment, education and training.

The 2021 round of applications were advertised in September-October 2020 and closed 6 November 2020. There were 11 applications received. In addition to multi-year partnerships from 2020, the following 7 organizations are being supported in 2021 through the CSP:

- Branxton Tennis Club – Tennis court resurfacing and new nets
- PCYC Singleton – Electronic scoreboard
- Singleton Council – Christmas on John Street 2021
- Singleton Fire Brigade Social Club – Santa’s lolly run
- Singleton Neighbourhood Centre – Garden Project
- St Catherine’s Catholic College – Bush tucker garden
- Westpac Rescue Helicopter Service – Hunter Valley Mining Charity Rugby League Day 2021

For information please visit <https://insite.yancoal.com.au/community> or email [mtw.csp@yancoal.com.au](mailto:mtw.csp@yancoal.com.au)

# Appendix A: March 2021 Monthly Environmental Monitoring Report

# **Appendix B: April 2021 Monthly Environmental Monitoring Report**

# **Appendix C: May 2021 Monthly Environmental Monitoring Report**

# Appendix D: June 2021 Monthly Environmental Monitoring Report

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