

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

Date: Wednesday 24 November 2021

Location: Teleconference

Time: 2pm – 4pm

Attendees

Colin Gellatly (CG - Chair)
Gary Mulhearn (GM)
David Bennett (DB)
Joshua van Bezouwen (JVB)
Ian Hedley (IH)
Barb Brown (BB)
Denis Maizey (DM)
Stewart Mitchell (SM)
Antoinette Silk (AS)
Cr. Hollee Jenkins (HJ)
Dr. Neville Hodkinson (NH)

Role

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

1. WELCOME

- CG opened the meeting and welcomed CCC members.
- CG advised Adrian Gallagher has resigned from CCC, awaiting response from alternate member on an invitation to join CCC as full member.
- DB update on site COVID protocols and looking forward to meeting in person hopefully next meeting.

2. APOLOGIES

- Nil.

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.
- GM introduced Joshua van Bezouwen, joining MTW as Environment and Community Advisor.

4. BUSINESS ARISING

Action Items arising from the 25 August 2021 Meeting

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

Action 1: MTW to catch up with Neville regarding his heritage items outside of what is required in the MTW HHMP (Action 2 from 25 August 2021 meeting carried forward)

- After MTW advised outcome of an investigation into elevated depositional dust levels at the Warkworth location, NH requested if a source can be identified for an elevated dust level in Warkworth depositional dust gauge, and asked if one of the neighboring mines could potentially be impacting the dust level.

Action 2: MTW to consult with neighbouring mines on elevated dust level in Warkworth village depositional dust gauge.

- IH provided update on meetings with Telstra regarding poor mobile reception. IH requesting letters of support to lobby the government for funding to improve reception.

Action 3: IH to provide letter asking for government support to improve mobile coverage to CCC.

- SM enquired on an action missed from a previous meeting regarding a Council review of access by MTW to the former Wallaby Scrub Road. GM indicated minutes were distributed and there was no comment on any missing actions. CG could not recall this action either.

Action 4: MTW to follow up on Wallaby Scrub Road intersection referral to local traffic committee, Singleton Council.

5. CORRESPONDENCE

- 21/9/21 - CCC Meeting Minutes Draft– 26 May 2021
- 22/9/21 – CCC Meeting Minutes Endorsed by Chair - 25 August 2021
- 8/10/21 – MTW Community Support Program Open for applications.
- 11/10/21 – Warkworth Continuation Project - Modification Application (MOD 2).
- 15/10/21 – NSW EPA Community Forum invitation.
- 15/11/2021 - MTW Annual Review Report 2020.
- 1/11/21 – Agenda and Meeting invitation – 24 November 2021.
- 15/11/21 – Business Papers and reminder for RSVPs for meeting.
- 16/11/21 – Email to Chair from Adrian Gallagher – Resignation from CCC.
- 24/11/21 – Telstra / mobile reception correspondence provided by email to CCC (Action items 4 and 6)

6. CONFIRMATION OF THE PREVIOUS MEETING'S MINUTES

Confirmed at today's meeting. CG advised that an action raised by SM, that may have been missed from previous minutes, and will be noted, and will be added to the actions of this meeting.

7. PROPONENT REPORTS AND OVERVIEW OF ACTIVITIES

MTW Operations

Refer to presentation

- DB advised that MTW currently operating one dragline in WML North Pit and one in WML West Pit, draglines will be operating intermittently as work become available. Wet weather has also increased downtime of equipment across the mine.
- NH enquired about long term plan for South Pit. DB advised that no further mining will be completed, currently left open for potential underground access, with long term plan to empty water and start backfilling. GM advised the Mining Operations Plan final landform has been modified to show proposed filling of the void.

Exploration

Refer to presentation

Monitoring

Refer to presentation for data - January to September 2021

- JVB presented equipment downtime / Community Response Officer noise assessments and operational changes for nights above noise limits.
- 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 year to date MTW had recorded over the budgeted environmental downtime due to high rainfall this year.

North Out Of Pit Dam (NOOP)

Refer to presentation

- DB discussed the North Out Of Pit dam, construction process will be drawn out due to the conservative construction method and small blasts. Depth at the deepest end is approximately 30 meters.

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

- GM advised minimal progress completed on Heritage matters since last meeting. A new Environment and Community Advisor assigned to progress works.
- NH queried the status of the Loaders Creek Conservation Area, GM advised that the Loaders Creek Conservation Area is a consent requirement and is being progressed in parallel to the Wollombi Brook Conservation Area.

Business Papers

Business papers were provided to CCC members prior to the meeting, including a summary of; Complaints, Incidents, Environmental Monitoring, Rehabilitation, Website Uploads and Community Investment Update. MTW Monthly Environmental Monitoring Report (MEMR) for June, July and August 2021 were provided. September MEMR to be provided at a later date.

Management Plans / Reporting

- The Water Management Plan was updated and submitted to DPIE for review 30 October 2021.
- The Annual Environmental Review Report was considered satisfactory by DPIE on 2 November 2021 and was published on the MTW website.

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 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. The Modification Reports are available for viewing through the NSW Department of Planning, Industry and Environment's website. MTW currently preparing response to submissions which will be made available on the Department of Planning, Industry and Environment's website.

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 delayed with COVID restrictions with delays to some event type programs, but some events were able to occur before the recent COVID restrictions.

General Business - CCC Members

- DM and SM met with GM to discuss the Blast Management Plan, they thanked GM for his time and consultation. DM commented the amount of road closures is excessive. GM advised that the road closure is not only completed for the risk of fly rock but also for management of potential post blast emission risks over the public road. GM advised that the process is in place for the safety of the public traveling through the area. SM commented that he has only observed that cars are stopped prior to a blast, not after a blast has been initiated. DB commented that it is a regular occurrence to have a moving road closure to suit the blast and weather conditions, this minimizes road closure and public behind held up.
- DM stated he has shared the details of the consultation related to the Blast Management Plan with members of the community, not all community members agree with the frequency of road closures. DM had enquired with DPIE who indicated that MTW were operating in accordance with the Blast Management Plan. DM noted that members of the CCC are able to consult and represent the community

with MTW, however if community members are not happy with an outcome there are other avenues such as Council or DPIE they can pursue.

- DM noted the Monthly Environmental Monitoring Reports (MEMR) are behind, GM acknowledged that improvements to be made with monthly report timing.
- SM enquired about the Historical Heritage Management Plan review and next CHAG meeting. GM advised that the existing management plan has been distributed to all CHAG members. The updated HMP will be distributed to all CHAG members for review and comment. A meeting can be held if there is enough interest following management plan review, but if there is not sufficient interest a meeting will not be required.
- SM enquired on heritage funding to date. GM advised that MTW has been contributing to Singleton Council on a schedule. MTW to provide details on funding provided and status of use of funds.

Action 5: MTW to provide details on Historic Heritage Conservation Fund - status of use of funds and process for applications.

- SM noted that Singleton Council are looking to “beautify” land near Bulga Bridge. Currently an issue with RMS laydown restricting the works. Suggestion that Yancoal provide some land for RMS to relocate to allow land along the old stock reserve to be completed. GM advised he has spoken to Yancoal property team and are open to possibility.

Action 6: MTW to investigate option of leasing land to RMS to relocate any future bridge maintenance construction compounds.

- IH commented about dust in the Mount Thorley Industrial Estate. IH noted that the dust is good at times, and at other times is not good. DB responded to thank IH for how the comment has been raised, and that IH’s comment will be taken on board for improvement.
- AS – commented that some maintenance could be done by MTW to improve the look of properties on way into Bulga, as they look a bit untidy. GM advised that this is being planned for
- AS enquired to CG that as she no longer lives in the Bulga area – should she still be on the CCC. AS advised that she still comes to the area and maintains connection with people in the area. CG advised that you do not need to live in an area to be a community representative, and AS has advised an ongoing connection with area that is suitable.
- BB advised there are personnel in local community potentially looking to disrupt mining activities, and asked if this had been discussed in the CCC, and whether this could be an agenda item. CG suggested that BB discuss details with GM in the first instance ahead of next meeting.
- BB enquired whether MTW has been contacted on a Broke to Bulga walking trail. GM advised that MTW has been contacted by Bulga Coal on this, and we are looking at the concept and how and if we could be involved in the concept. GM advised that the concept could potentially link conservation areas for biodiversity and cultural heritage between Broke and Bulga across Glencore land and MTW land. MTW has passed this information to Yancoal property team for consideration.
- NH asked about update to Historic Heritage Management Plan (HHMP) and whether some of the previous meetings information and previous presentation materials NH has provided would be included in the update. GM indicated in general that the HHMP is prepared to meet the development consent conditions and including being provided to CHAG for comment.

10.NEXT MEETING

Next CCC Meeting: 23 February 2022, 2pm

MEETING CLOSED 4:00pm.

SUMMARY OF ACTIONS

Action 1: MTW to catch up with Neville regarding his heritage items outside of what is required in the MTW HHMP

Action 2: MTW to consult with neighbouring mines on elevated dust level in Warkworth village depositional dust gauge

Action 3: IH to provide letter asking for government support to improve mobile coverage to CCC.

Action 4: MTW to follow up on Wallaby Scrub Road intersection referral to local traffic committee, Singleton Council.

Action 5: MTW to provide details on Historic Heritage Conservation Fund - status of use of funds and process for applications.

Action 6: MTW to investigate option of leasing land to RMS to relocate any future bridge maintenance construction compounds.

Mount Thorley Warkworth (MTW)

Community Consultative
Committee (CCC)

Wednesday 24 November 2021

Time:

2pm – 4pm

Location:

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

Apology – Nil

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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 consult with CHAG on upcoming update to the current HHMP.	Complete. Email sent to CHAG members advising of upcoming update to HHMP, with existing HHMP provided and likely timing for updated plan in Q1 2022.
2	MTW to catch up with Neville regarding his heritage items outside of what is required in the MTW HHMP.	Not completed – carried forward.
3	MTW to provide summary of investigation findings for the elevated depositional dust levels at Warkworth gauge.	<p>This investigation reviewed the elevated monthly deposited dust level recorded at Warkworth in July 2021. In light of the available data, it is considered that the July Warkworth reading is likely to have been impacted by a localised source of dust/sand and has been considered to be anomalous and has been excluded from annual average calculations.</p> <p>MTW is investigating installation of an additional depositional dust monitor in the vicinity of Warkworth, which may not be affected by potential impacts of the road and other localised sources. Discussing location / access agreement with a nearby landholder.</p>

4. Business Arising

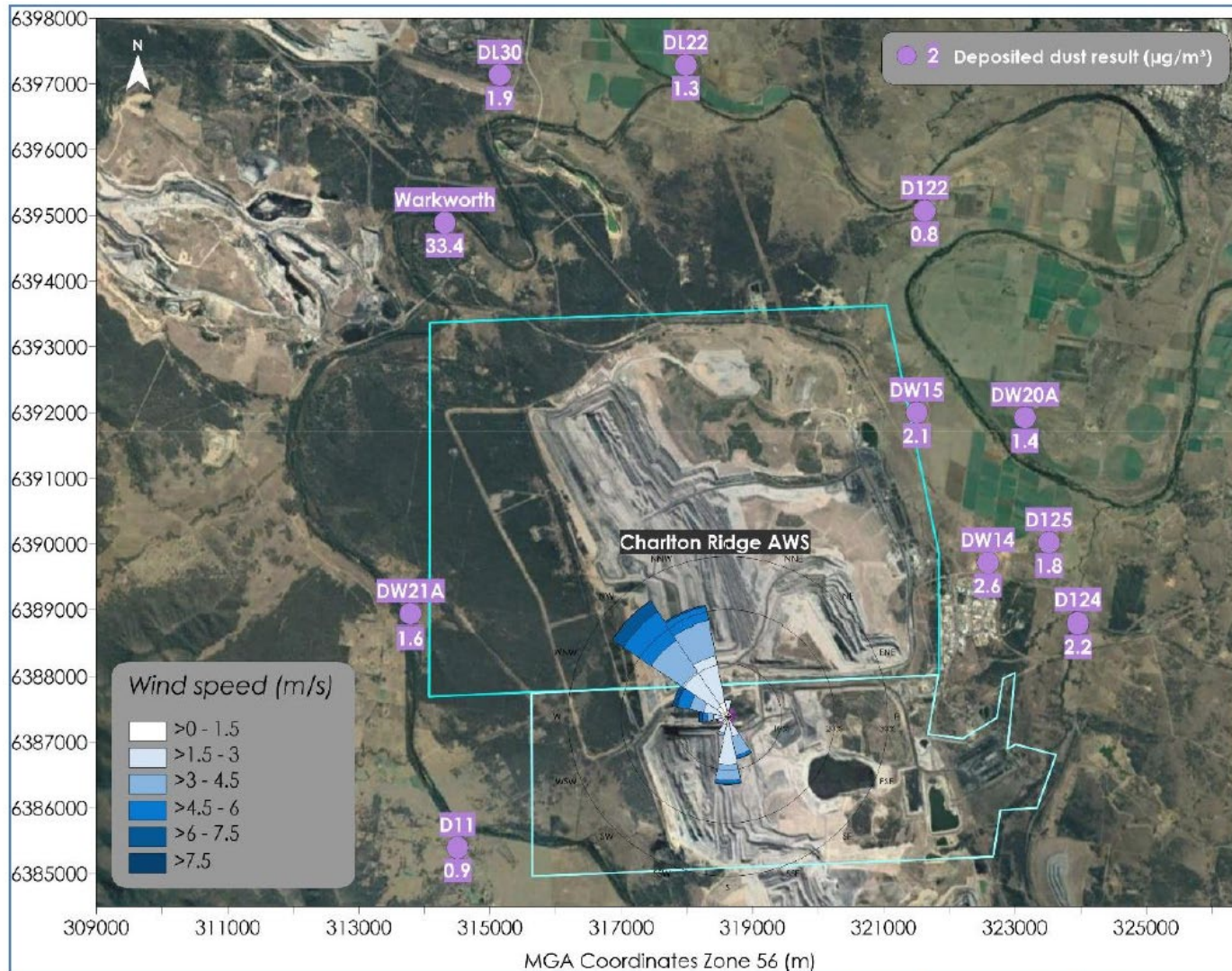


Figure 1: MTW monthly deposited dust results for July monitoring period (29/06/2021 to 29/07/2021)

4. Business Arising

Action No.	Action	Response/ Update
4	MTW to enquire with Yancoal personnel on suitable Telstra contact regarding local mobile phone reception issues.	Completed. Yancoal personnel made contact with Telstra representative, provided . Response provided by Telstra 2/9/21. The feedback is that Telstra have been investigating the area in depth again on the back of recent escalated complaints from customers in the area. Further detail of the Telstra response provided in email to IH on 21/10/21. Distributed to CCC members 24/11/21.
5	IH to provide mobile phone reception presentation to MTW, and summary of outcomes of follow up meeting with Telstra.	Completed – 1/9/2021
6	IH to provide recent correspondence from Singleton Council regarding funding subsidies for Telstra boosters, MTW to distribute to CCC.	Completed – IH provided on 1/11/21. Distributed to CCC members 24/11/21.

4. Business Arising

Action No.	Action	Response/ Update
7	MTW to review visual screening along Putty Road between MTW bridges in relation to trees removed in that area.	Current Visual screen investigated and photographed. Investigation options to 'fill in bare areas'.



4. Business Arising



Photo Point 1.



Photo Point 2.

4. Business Arising



Photo Point 3.



Photo Point 4.

4. Business Arising



Photo Point 5.



Photo Point 6.

4. Business Arising



Photo Point 7.



Photo Point 8.

4. Business Arising



Photo Point 9.



Photo Point 10.

4. Business Arising



Photo Point 11.



Photo Point 12.

4. Business Arising



Photo Point 13.



Photo Point 14.

4. Business Arising



Photo Point 15.



Photo Point 16.

4. Business Arising



Photo Point 17.



Photo Point 18.

4. Business Arising



Photo Point 19.



Photo Point 20.

4. Business Arising

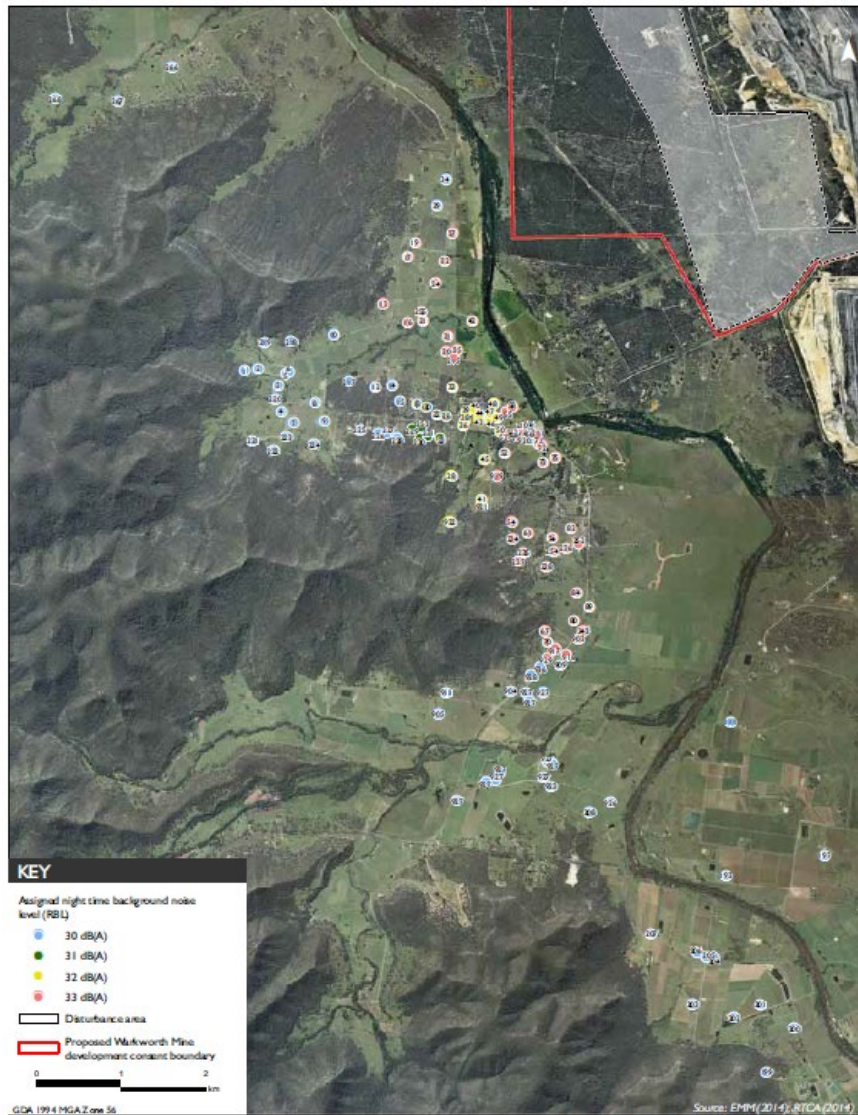
- Areas in photos points 11-14 and 18-20 will be reviewed for visual screening options.



4. Business Arising

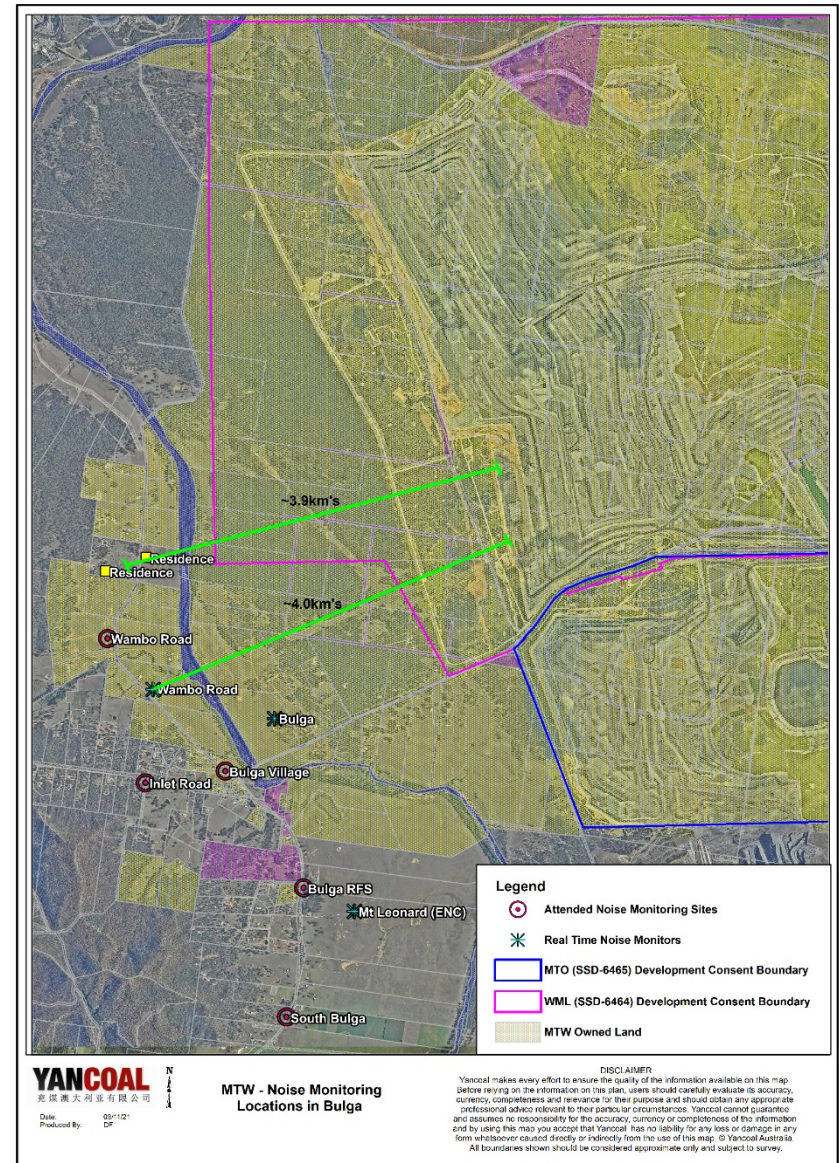
Action No.	Action	Response/ Update
8	MTW in response to enquiry from Denis to review the noise monitoring locations on Wambo Road.	<p>MTW has reviewed the noise monitoring locations and consider these are representative of noise levels in the area per the Noise Management Plan.</p> <ul style="list-style-type: none">-The Environmental Impact Statement noise model shows that background noise levels are similar along Wambo Road.-Due to being located a similar distance from the mining operation, noise levels further north along Wambo Road are within 1-2dB of the noise monitor location.-A replacement real time noise monitor (Environmental Noise Compass) is in the process of being installed on Wambo Road (approximately 50 meters north of the current monitor).-The proposed process following noise alerts from the new environmental noise compass on Wambo Road is to validate noise alarms on Wambo Road adjacent to the monitor and the undertake attended monitoring closer to the Maizey property should noise levels be within 2dB of the limit. (see plan on following slide)-The attended monitoring location which is closer to the Maizey property will also be used following complaints to validate noise levels.

4. Business Arising



Assigned night time background noise levels - Western and southern assessment locations
Warkworth Mine continuation
Noise and vibration assessment

Figure B.2



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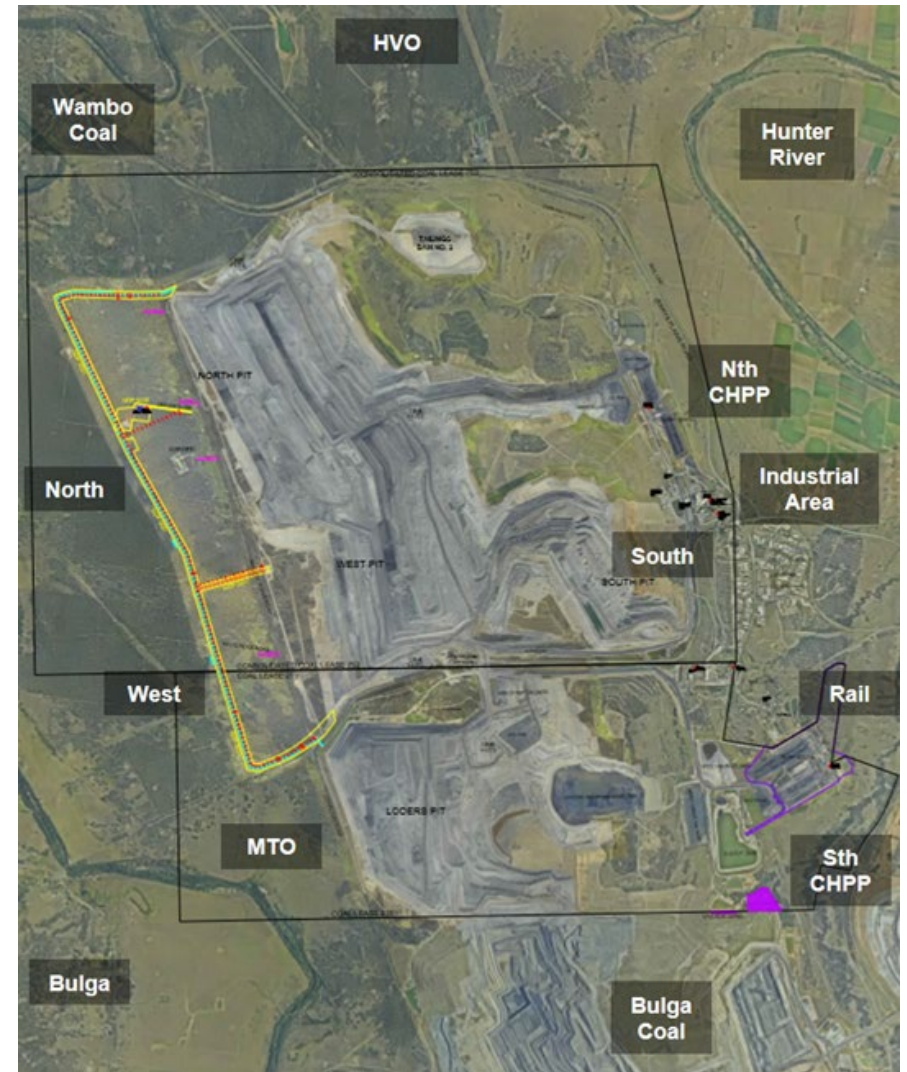
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MTW Operations

- MTO: Coal production has ceased at MTO as previously communicated. 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.



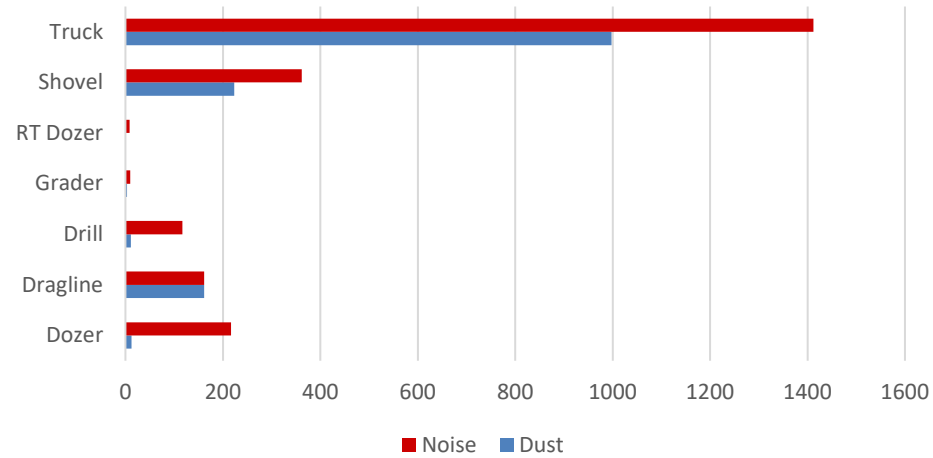
Exploration

- Exploration activities for 2021 have been within the current leases and are now complete for 2021.
- Exploration sites from 2021 are progressively being rehabilitated.
- Planning for 2022 program has commenced.
- All exploration sites for 2022 are on Yancoal owned land, and mining and exploration tenements.



MTW Operations

2021 Operational Downtime YTD



MTW Noise Monitoring YTD

	# CRO Assessments	# Individual assessment above trigger	# Nights above trigger
2021	6419	102	44
2020	7510	72	42
2019	8023	93	45
2018	6909	43	22

Aerial Seeding

- MTW is planning to undertake aerial seeding in coming weeks. This is a form of dust control identified in the MTW Air Quality Management Plan.
- Approximately 184Ha has been identified.
- This will be done by light aircraft.



2021 Aerial Seeding Map

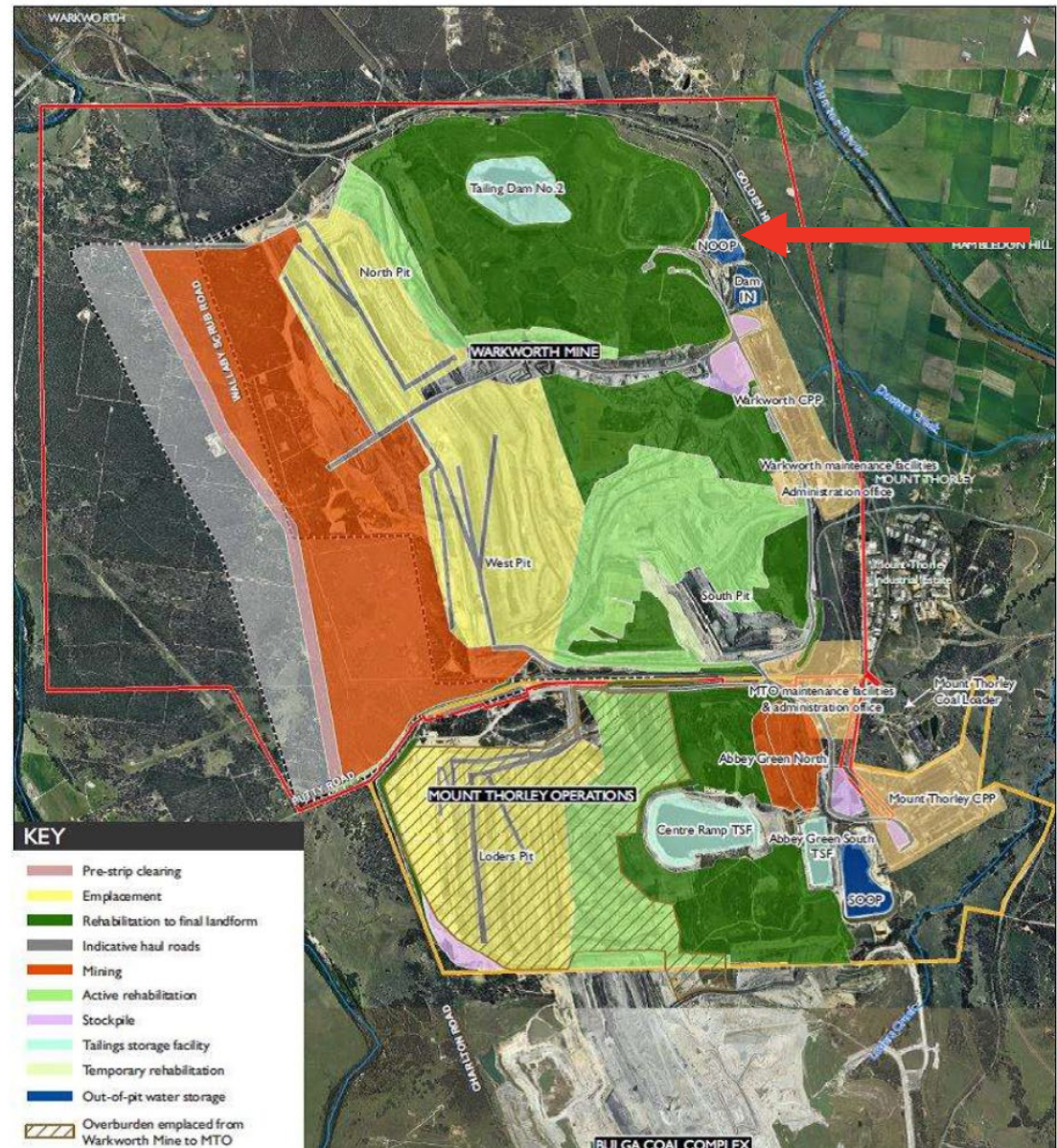
2021 Aerial Seeding Areas 184.2ha



Date: 19/10/2021
Produced By: JB
Map Size: A4 Portrait
Coordinate System: MGA2020 Zone 55
Revision: 01
Data Source: Various

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) pre works will commence late 2021, main dam construction is planned to commence in early 2022.



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
- 1080 ground baiting programmes targeting wild dogs and foxes at MTW and all offsets in June
- Aerial shoot (NPWS) at Goulburn River BA: April
- Professional Wild Dog Controller Program
- Noisy Miner program Goulburn River Biodiversity Area
- 1080 ground baiting programmes targeting wild dogs and foxes at MTW and all offsets in October/November



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*)
- African Boxthorn (*Lycium ferocissimum*)
- Panic Veldt Grass (*Ehrharta gayana kunth*)



Cut and paint of Acacia Saligna in the rehab



Backpack spraying targeting Galenia

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 delagoense*)
- Coolatai Grass (*Cynodon dactylon*)
- Patterson's Curse (*Echium plantagineum*)
- Whisky grass (*Andropogon virginicus*)
- Farmers Friends (*Bidens ssp*)
- Stinking roger (*Tagetes minuta*)
- Galenia (*Galenia pubescens*)
- Lantana (*Lantana camara*)
- Various grasses (*Grass spp*)
- Green Cestrum (*Cestrum parqui*)
- St Johns Wort (*Hypericum perforatum*)



Mother of Millions SBA3



Prickly Pear NBA

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 3,632m³ was spread into strips and seeded with a native grass mix in April.
- Tube stock planting is scheduled for November/December 2021.



Drone footage captured in October showing the 2021 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 has been completed in SBA3, SBA4 and SBA5 areas with approximately 4000 River Oak Forest and 9,000 Central Hunter Grey Box – Ironbark Woodland plants. Drone footage below was captured in October.



MTW Goulburn River BA Planting Program 2021

Yellow Box - Grey Box Red Gum Woodland and River Oak Forest progress:

- Weed control of planting areas is being undertaken.
- 2021 infill planting has been completed with approximately 7,000 River Oak Forest and 5,000 Yellow Box - Grey Box Red Gum Woodland plants.



MTW Historic Heritage Management - Actions

Historic Heritage Items	Status
Coordinate lawn maintenance across HH sites	Ongoing Contractor engaged to undertake ongoing quarterly maintenance.
RAAF Mess Hall track maintenance and repairs	In Progress Ground Disturbance Permit approved, awaiting contractor .
Arrange for asbestos to be removed from Red Brick House and RAAF Mess Hall area.	Quotes Received Works to be completed in 2022.
Obtain quotes for tree removal at Springwood and RAAF	Quotes Received Works to be completed in 2022.
Obtain quotes for Red Brick – door and window plywood replacement and minor roof repairs.	Quote Received Works to be completed in 2022.
Obtain quotes for Red Brick – minor brickwork repairs.	Quote Received Works to be completed in 2022.
Historic Heritage Management Plan update	Existing HHMP distributed to CHAG members 23/11/21, along with intent to update in Q1 2022.
Historic Heritage Annual Inspection	Completed 18/11/21



Red Brick House



RAAF



Springwood

MTW Cultural Heritage Management - Actions

Cultural Heritage Items	Status
Coordinate meeting of CHWG for 2022.	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 2022.	Meeting yet to be scheduled – COVID affected
Obtain quotes for assistance with scar tree re-location in 2022.	Quote Received Consultation with CHWG required prior to progressing works
Replace signage	Ongoing - Commenced in Q4 2020.
Action recommendations following AHMP Annual Compliance Report, including re-barricading sites and erecting new signage	Quote Received Commenced in Q3 2021.
WBACHCA and Loder Creek (LCACHCA) conservation agreement progression	Survey sketch plans updated to exclude non MTW owned land. Progressing updated conservation agreement with Heritage NSW to lodge 2021 for both WBACHCA and LCACHCA.
Cultural Heritage Annual Inspections	Completed 2/11/21.



Example of barricading and signage being replaced



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 June, July and August 2021
Appendix D – September MEMR to be provided at a later date.

Management Plans / Reporting

- The Water Management Plan was updated and submitted to DPIE for review 30 October 2021.
- The Annual Environmental Review Report was considered satisfactory by DPIE on 2 November 2021 and was published on the MTW website.

Environmental management plans and reports 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

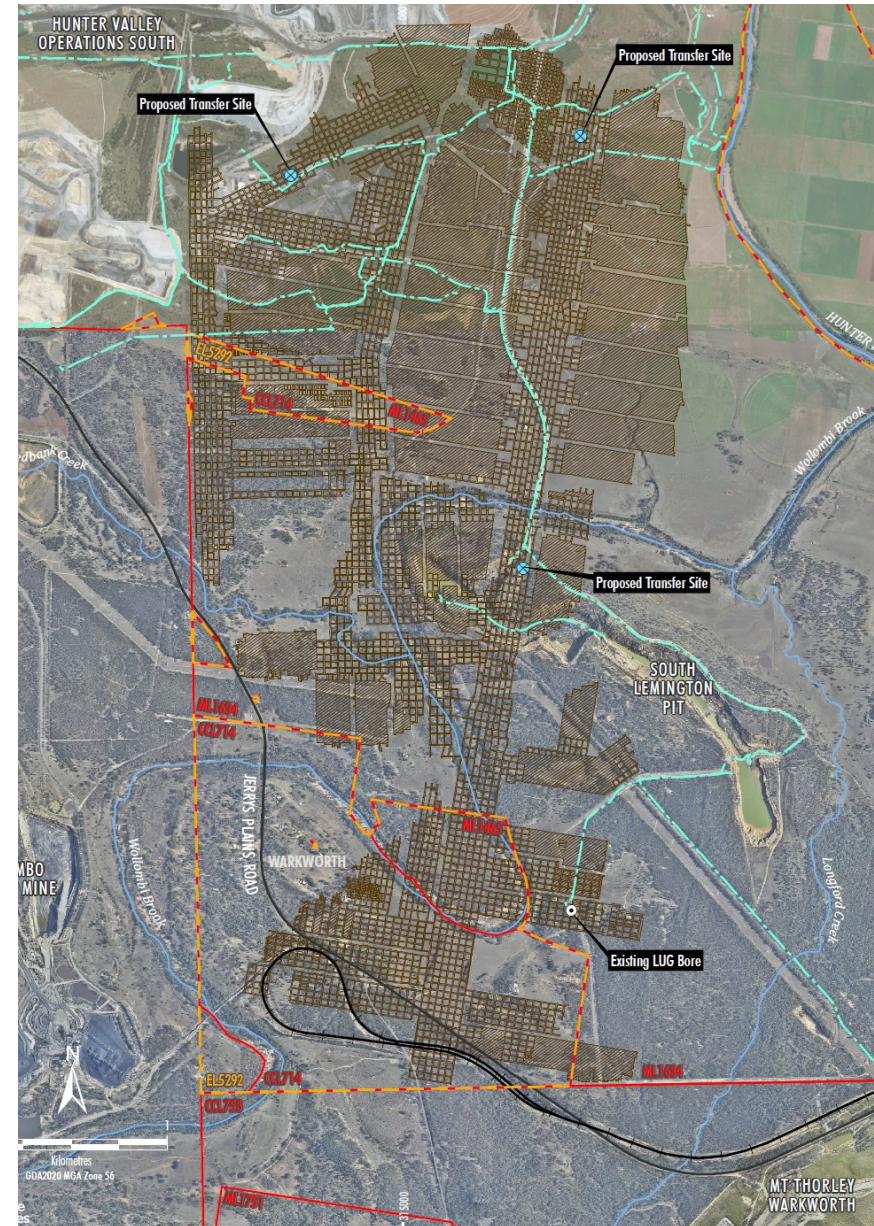
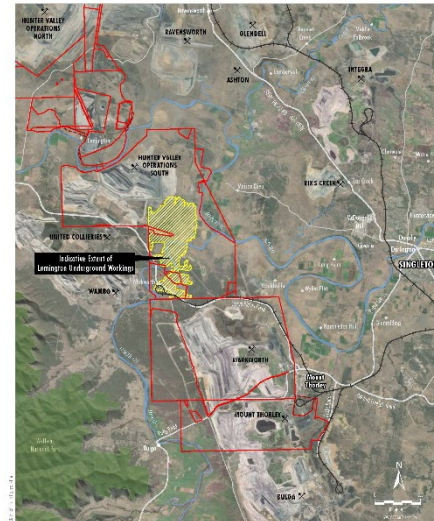
Agenda

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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

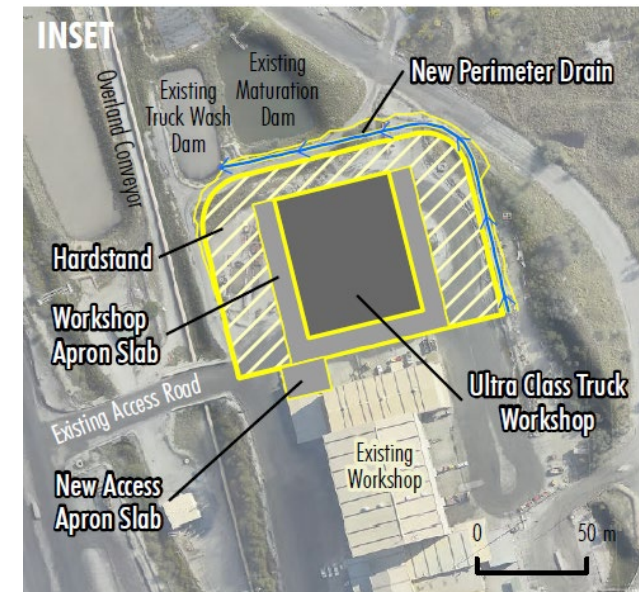


Proposed Modification - Lemington Underground Water Storage & WML Workshop Modification Update



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



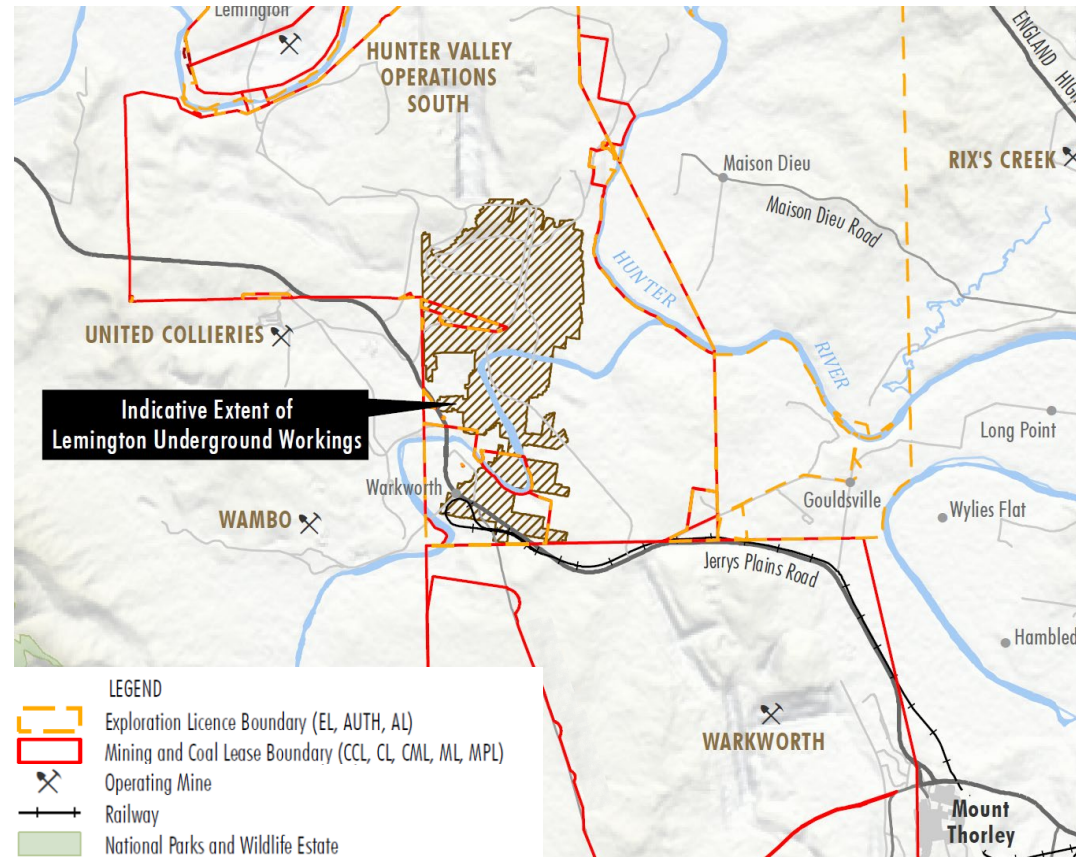
Proposed Modification - Lemington Underground Water Storage & WML Workshop Modification Update

Benefits of the Modification

- 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 currently preparing response to submissions which will be made available on the 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:

- 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 October 2022)
- 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 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



The 2022 round of applications were advertised in September-October 2021 and closed 5 November 2021. Applications will be reviewed and assessed by end of 2021.

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

Future Dates

Next Meeting Date

Date: 23 February 2022

Time: 2:00PM - 4:00PM

Location: Boardroom, North Warkworth Building or via Teleconference



Mount Thorley Warkworth Community Consultative Committee (CCC)

BUSINESS PAPERS November 2021

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

Appendices

Appendix A – Environmental Monitoring Report June 2021 (included as not provided subsequent to August 2021 CCC Meeting)

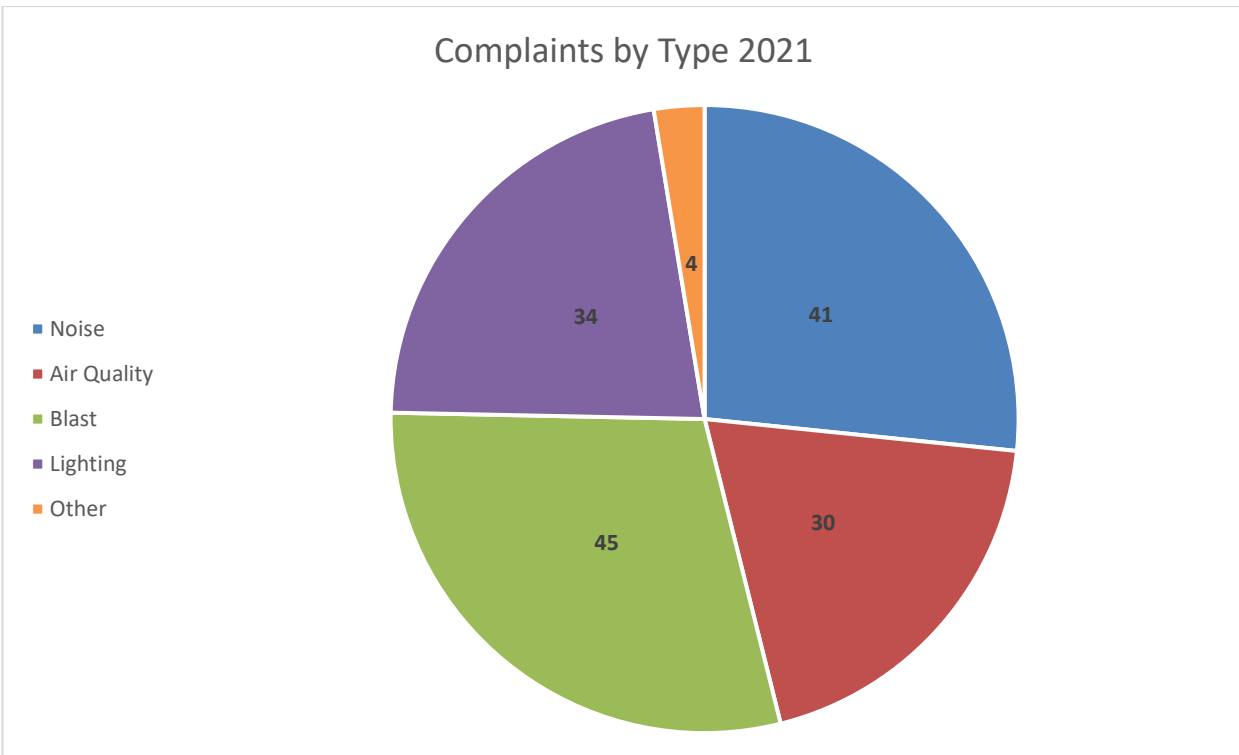
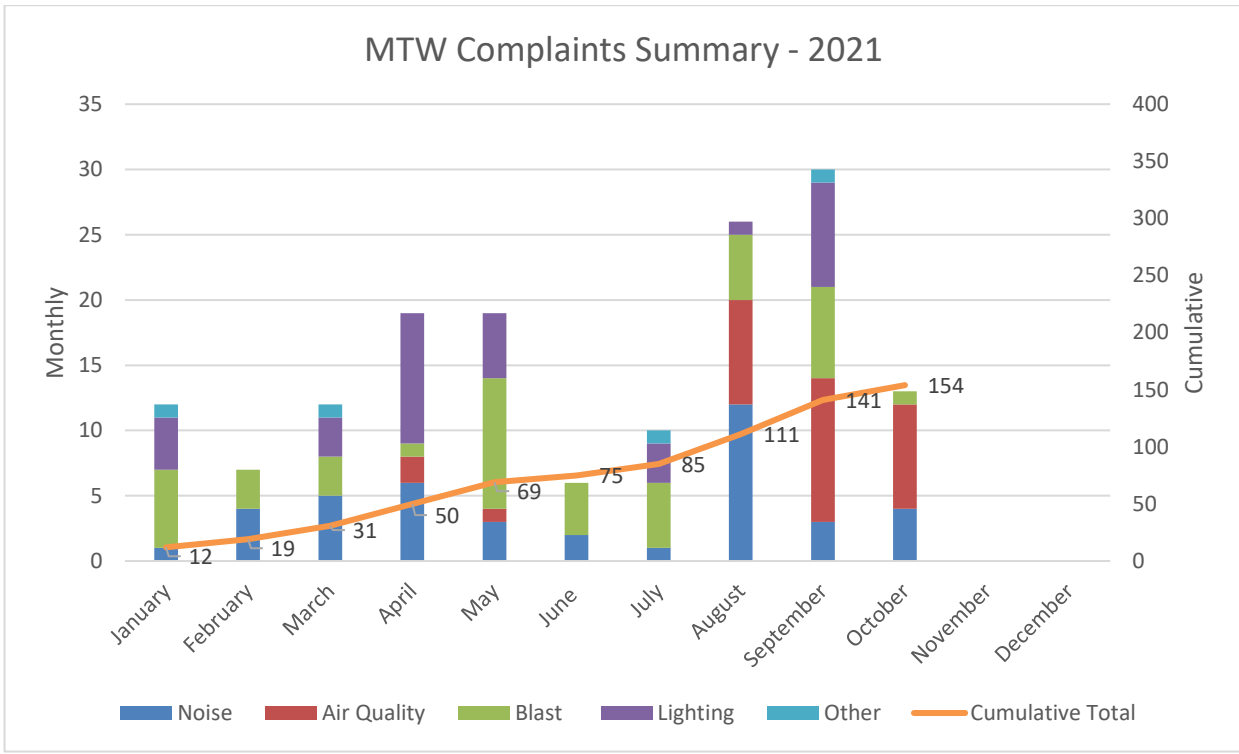
Appendix B – Environmental Monitoring Report July 2021

Appendix C – Environmental Monitoring Report August 2021

Appendix D - Environmental Monitoring Report September 2021 (to be provided at a later date)

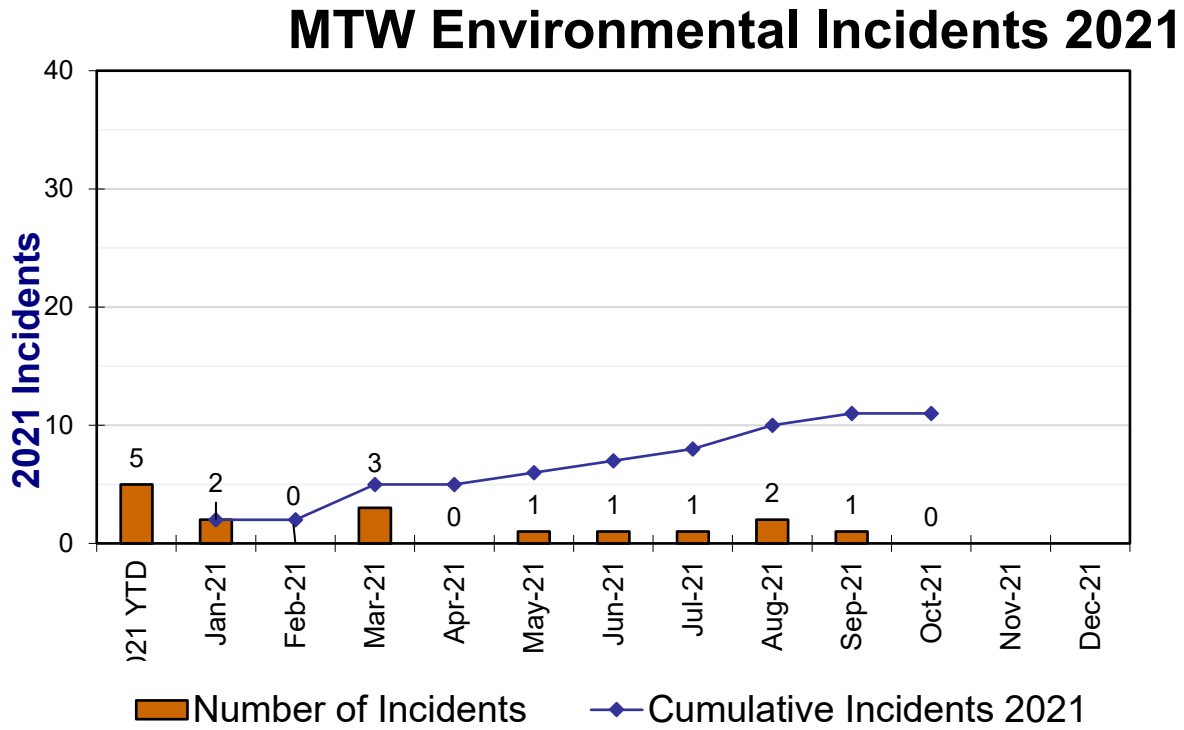
1 COMPLAINTS

Complaints overview for period – 1 July 2021 to 31 October 2021



2 INCIDENTS

Environmental incidents overview for period – 1 July 2021 to 31 October 2021



Incident Summary for the period 1 July 2021 to 31 October 2021

Date	Details	Key Actions	Aspect
06/07/2021	Minor waste oil spill to ground from Service Cart 933 parked at north Warkworth hardstand.	The E&C team were notified. The contaminated material was cleaned up and taken to the WML bioremediation area.	Hydrocarbon
04/08/21	Minor hydraulic oil spill to ground from exploration drill rig adjacent to the Centre Ramp Tailings Dam.	Relevant Supervisors and E&C team were notified, drilling activities ceased. The contaminated earthen material was taken to the WML bioremediation area.	Hydrocarbon
19/08/21	Tailings spill to ground from air relief valve.	The E&C team were notified. Tailings spill was within the planned water management system for MTW. Maintenance of ground and containment dams to remove tailings is being planned.	Tailings
22/09/21	Minor hydrocarbon spill to ground from service truck FL993 at MTO Vehicle Service Bay.	Supervisors and E&C Team notified. Area cleaned up and hydrocarbon affected material sent to bioremediation area.	Hydrocarbon

3 ENVIRONMENTAL MONITORING

Monthly summaries of environmental monitoring for the period 1 June 2021 to 31 August 2021

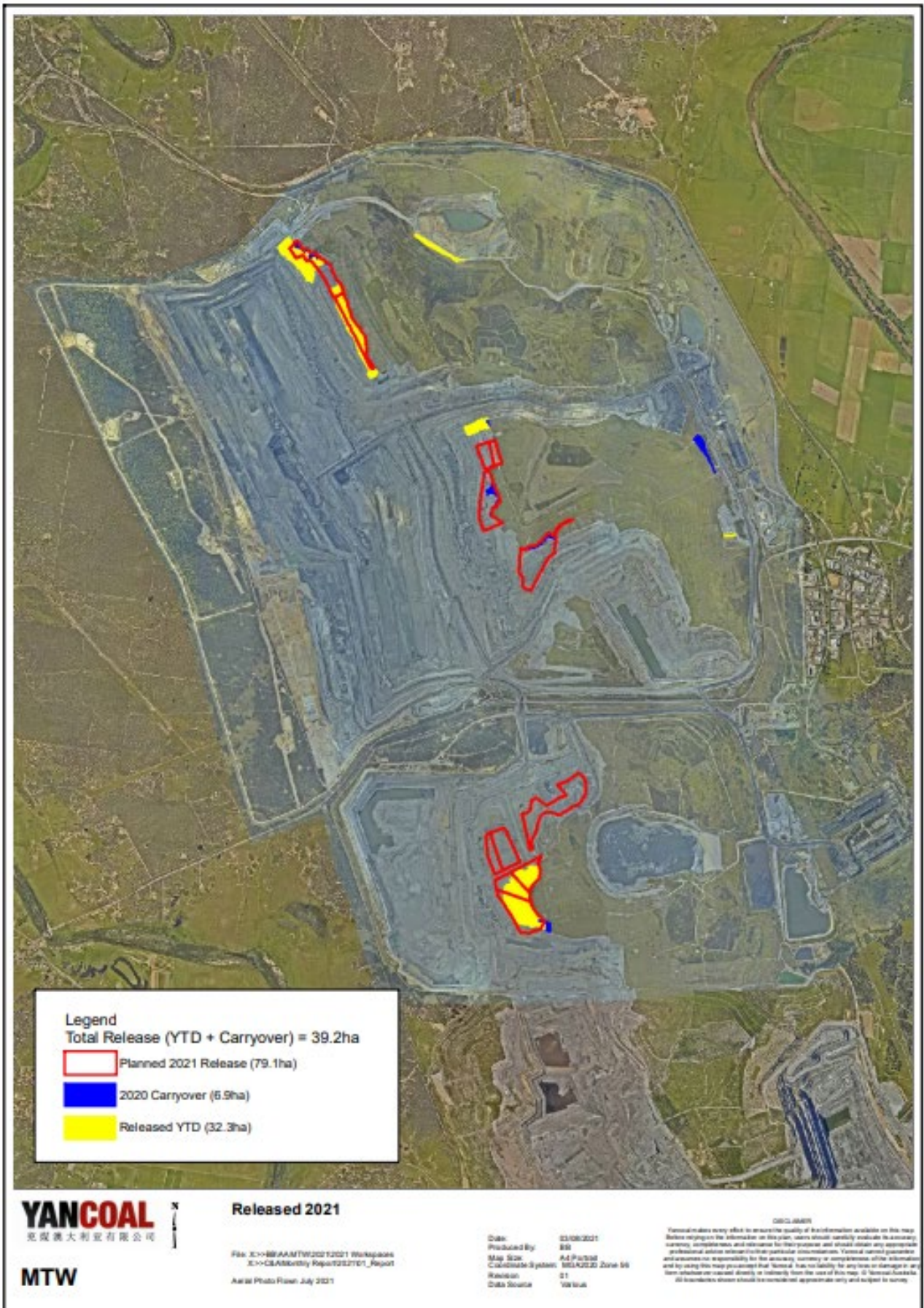
- **June 2021** - Attached as **Appendix A** (included as not provided subsequent to August 2021 CCC Meeting)
- **July 2021** - Attached as **Appendix B**
- **August 2021** - Attached as **Appendix C**
- **September 2021** – **Appendix D** (to be provided at a later date)

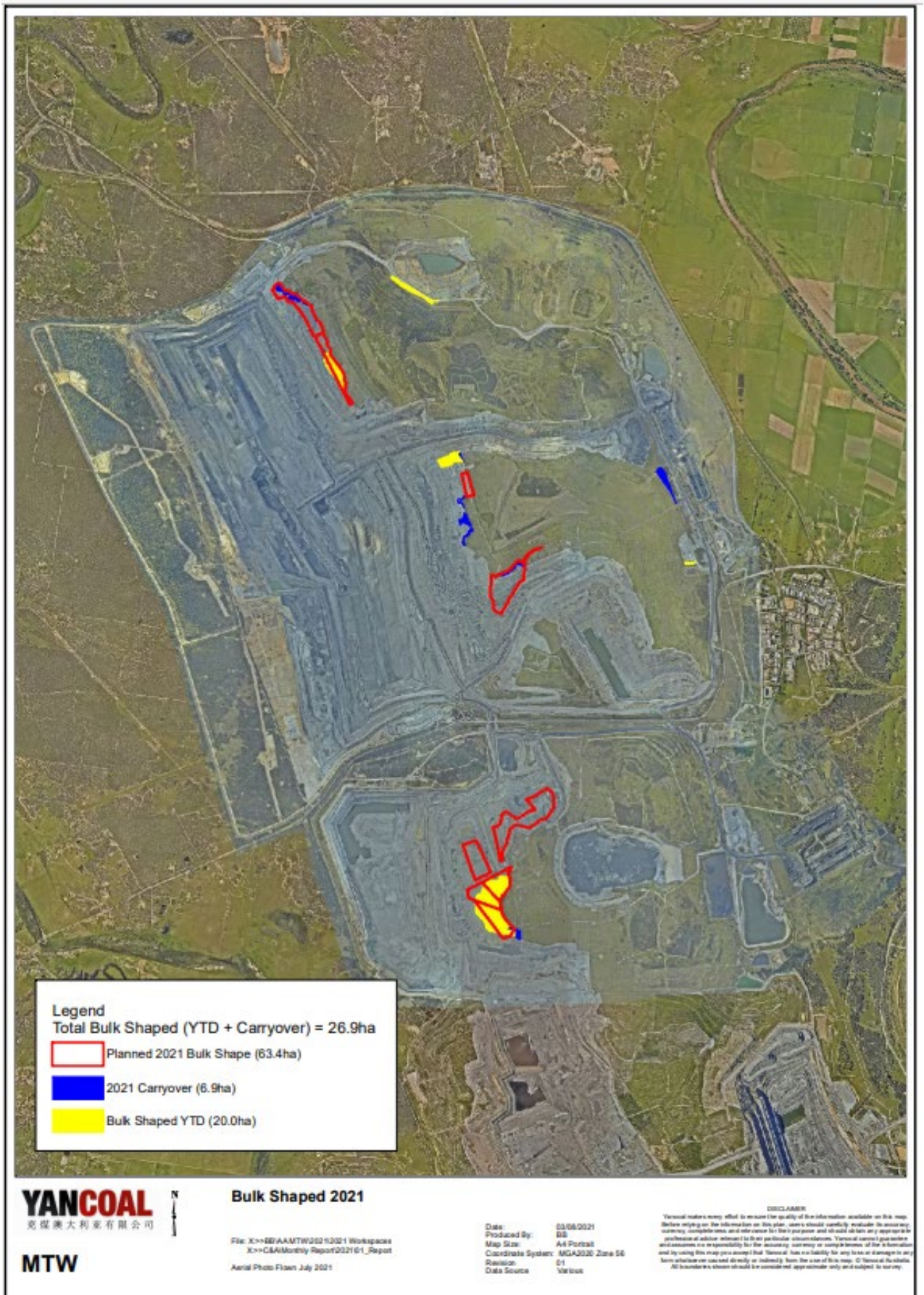
4 REHABILITATION PLAN

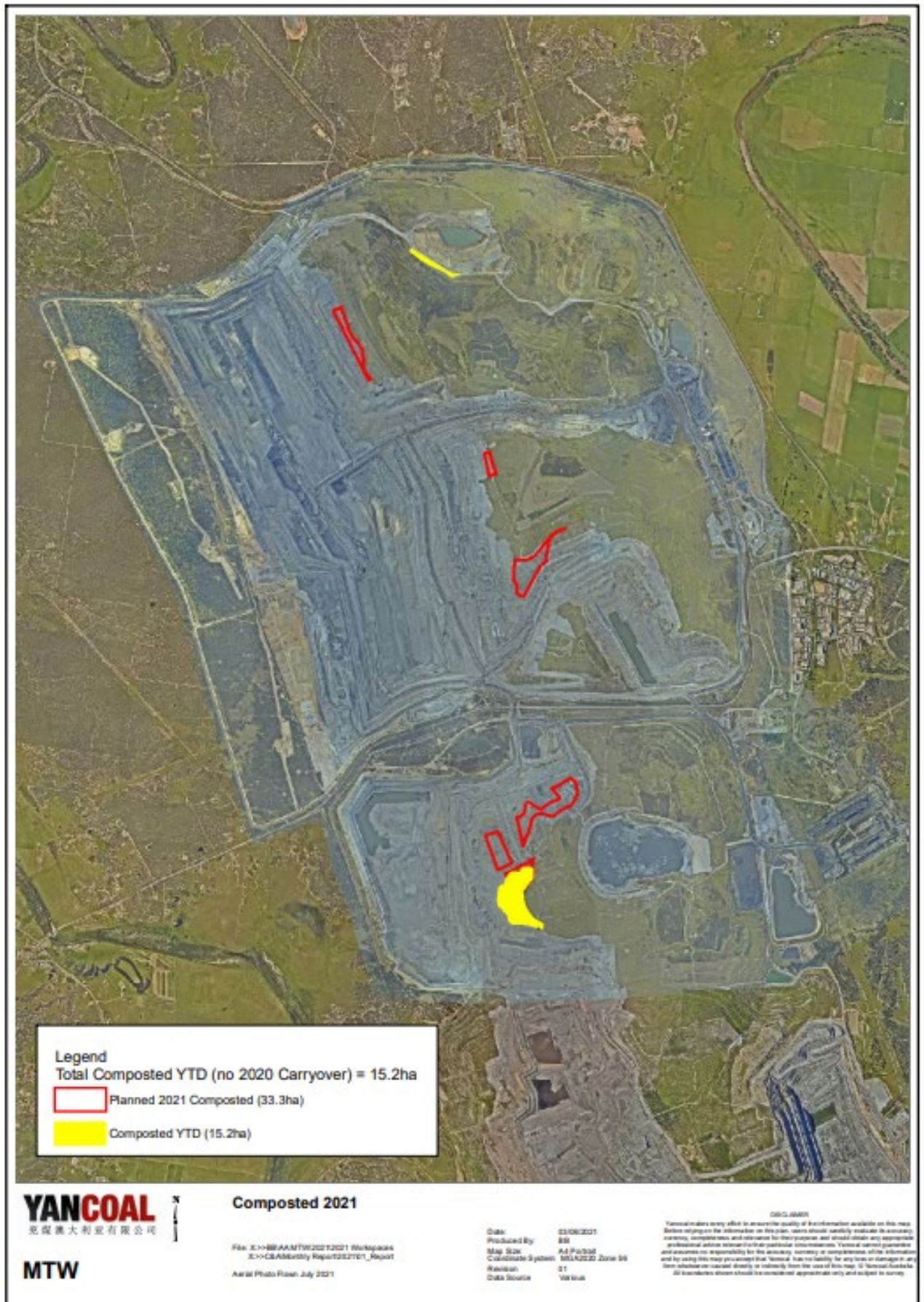
The rehabilitation planned for 2021 is 41ha, consisting of 35ha Mining Operations Plan (MOP) rehabilitation target for 2021 and the 6ha shortfall from the 2020 rehabilitation target. The 2021 planned bulk shaped polygons and progress YTD are presented in the map below. The planned total disturbance is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

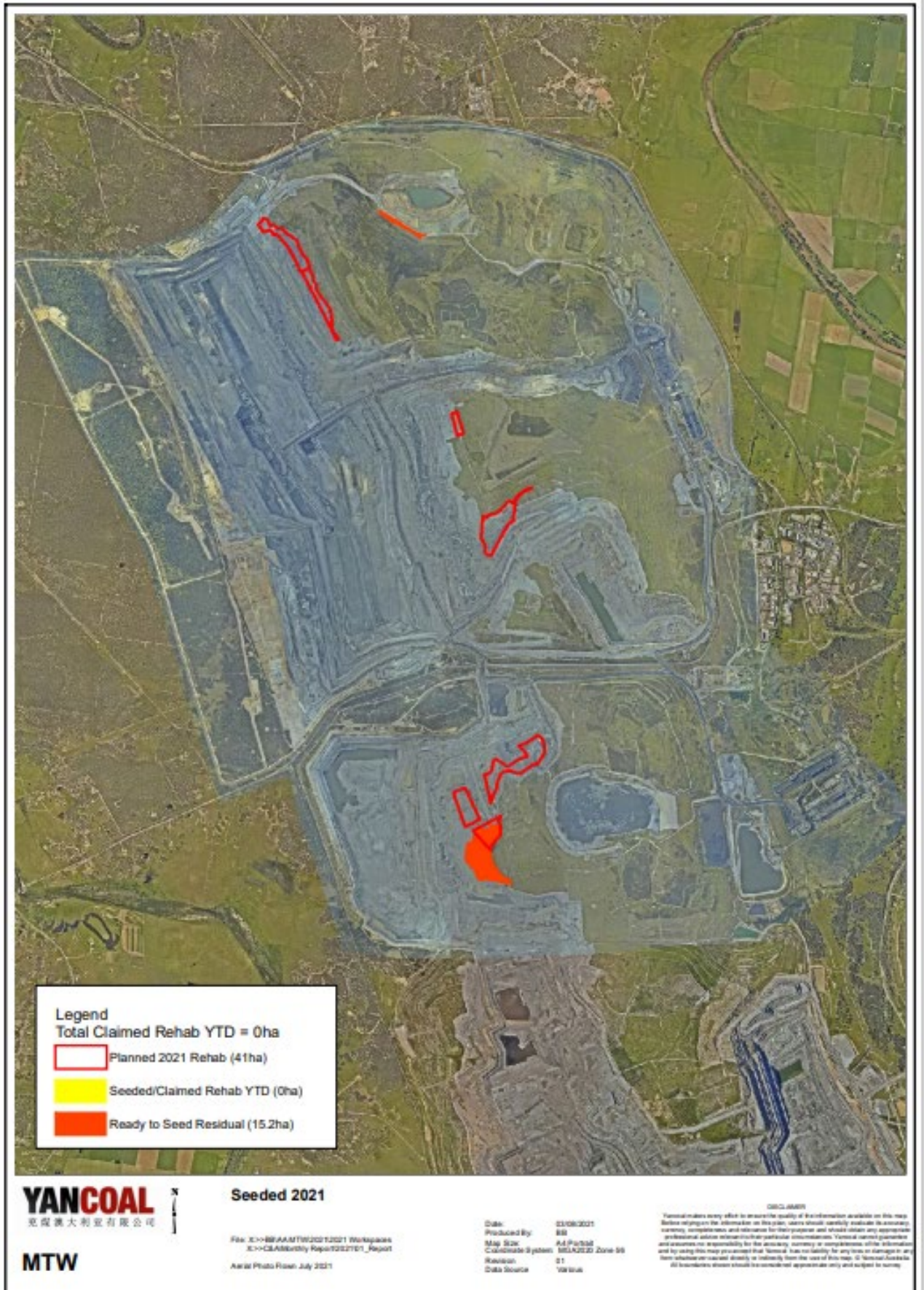
At the end of July, there was 26.9 ha of bulk shaping that had been completed and a further 12.3 ha of dump area that had been released for bulk shaping. An area of 15.2 ha was composted and was prepared for seeding.

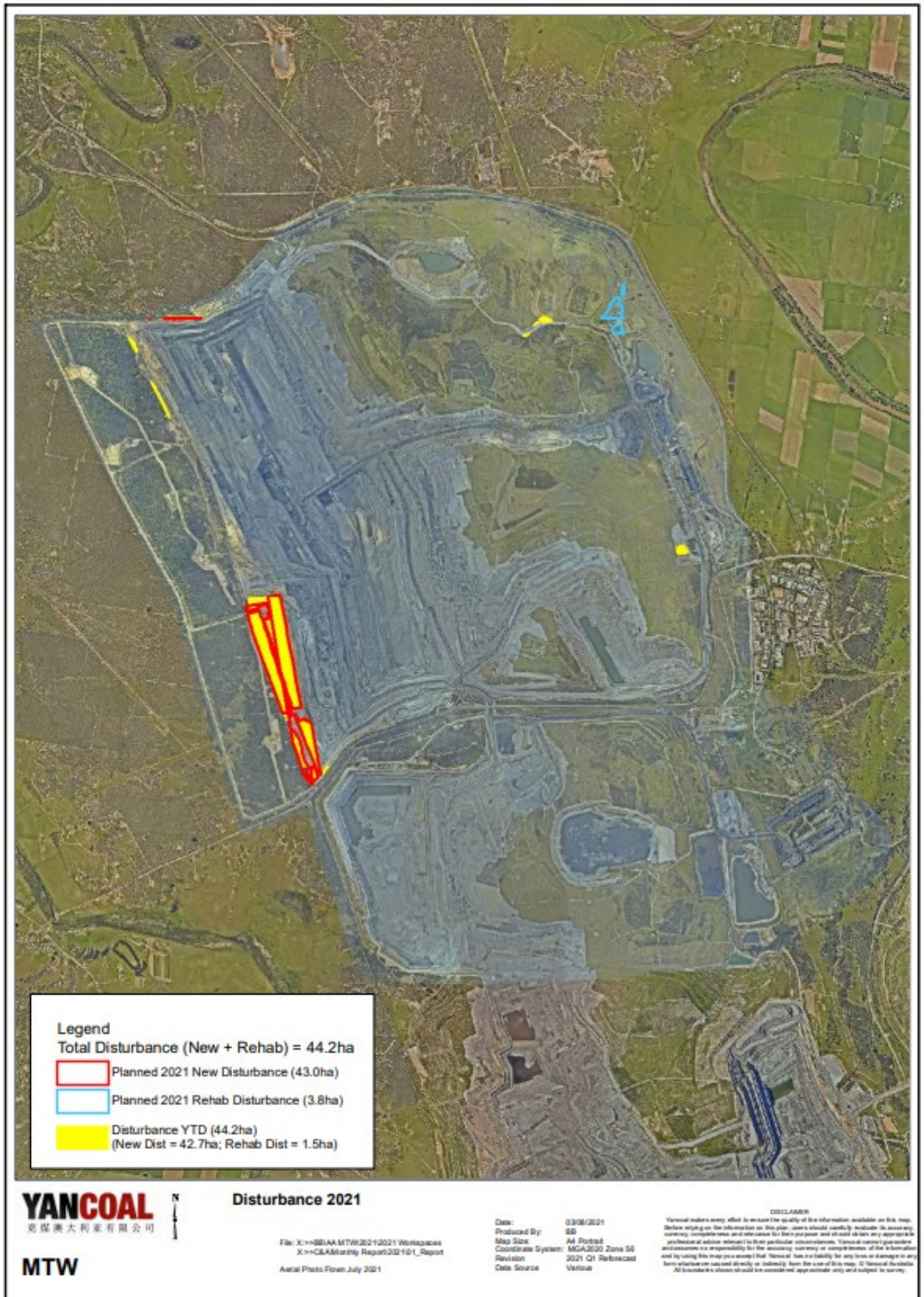
Disturbance completed to the end of July totals 42.8ha and is mainly associated with clearing ahead of mining in West Pit and extension of existing infrastructure areas.











5 WEBSITE UPLOADS

The table below is a list of all new documents uploaded to the MTW's website from 13 August 2021 to 11 November 2021. Please refer to MTW's new website under "Environment" or MTW INSITE website under "Document Library":

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

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

Document Title	Upload
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data July 2021	23-Aug -21
Mount Thorley Warkworth Community Support Program - Guidelines & Application Form	13-Sep-21
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data August 2021	22-Sep-21
MTW Community Consultative Committee - August 2021 - Minutes, Presentation & Business Papers	22-Sep-21
Mount Thorley Operations Environmental Protection Licence 1976	25-Oct-21
Warkworth Mining Ltd Environmental Protection Licence 1376	25-Oct-21
Mount Thorley Warkworth Environment Protection Licence 1376 1976 Monitoring Data September 2021	25-Oct-21
Mount Thorley Warkworth 2020 Annual Environmental Review	11-Nov-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 October 2022)
- 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 14 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

The 2022 round of applications were advertised in September-October 2021 and closed 5 November 2021. Applications will be reviewed and assessed by end of 2021.

For information please visit our website at <https://insite.yancoal.com.au/community> or email mtw.csp@yancoal.com.au

Appendix A: June 2021 Monthly Environmental Monitoring Report

Appendix B: July 2021 Monthly Environmental Monitoring Report

Appendix C: August 2021 Monthly Environmental Monitoring Report

Appendix D: September 2021 Monthly Environmental Monitoring Report

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