



Mount Thorley Warkworth (MTW)

Community Consultative
Committee (CCC)

Monday 20 May 2019

Time:

2pm – 3:30pm

Location:

Warkworth Office Boardroom

Independent Chairperson:

Col Gellatly

Minutes:

Sarah Purser

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
 - Upper Hunter Mining Dialogue (short presentation on UHMD activities)
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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2. Apologies

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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; and/or
- 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), November 2016.*

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4. Business Arising

Action No.	Action	Response / Update
1	Col asked Gary to invite a representative from the Local Lands Services to attend a future meeting to provide an update on Feral Pest Management and some insight into Weed Management in the area, including what weeds were classed as being Noxious.	LLS officer contacted and request made to attend.
2	In response to a query from Ian, Gary to liaise with Jess to see if there are other options available for more natural coloured tubes that might be utilised for future plantings.	<p>The tree guards we use for the re-establishment programs are highly visible, solid-walled pink tree guards made of UV stabilised fluted coreflute plastic – heavy duty quality and so can be re-used.</p> <p>Why Pink?</p> <p>Visible light can be split into a spectrum of colours. Green leaves absorb light from the red fraction to drive photosynthesis. Research has demonstrated that the colour pink reflects and focuses the red fraction, concentrating this photosynthetic energy to enhance plant growth</p>

4. Business Arising

Action No.	Action	Response / Update
3	In response to a concern raised by Ian regarding an incident of dust coming from MTW's crusher, Gary to investigate and respond.	<p>Investigation completed March 2019.</p> <ul style="list-style-type: none">-Dust suppression was confirmed to be fitted and operating at time of inspection.-During the inspection the sprinkler head was operating and the flow of water sufficient to mitigate dust.-Water tanks are filled each day and hold sufficient volume for each shift.-The unit does not operate when the dust suppression system is not operating.-Normal additional dust observations/controls are also implemented (OCE inspections, Community Response Officer Inspections for dust on site boundaries)
4	Jason asked that the removal of dead trees along Yancoal's road frontage be taken as a priority action to be undertaken by the company.	<p>The trees are located within the Council road corridor. A Section 138 Roads Act application was lodged and been approved 16 May 2019. Works being scheduled.</p>

4. Business Arising

Action No.	Action	Response / Update
5	Gary to distribute the Social Impact Management Plan to the CCC on finalisation.	SIMP not finalised, to be progressed and finalized prior to next meeting.

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5. Correspondence

- Previous Minutes February 2019 Meeting (email 12/4/2019)
- Agenda & Business Papers (6/5/2019)

Agenda

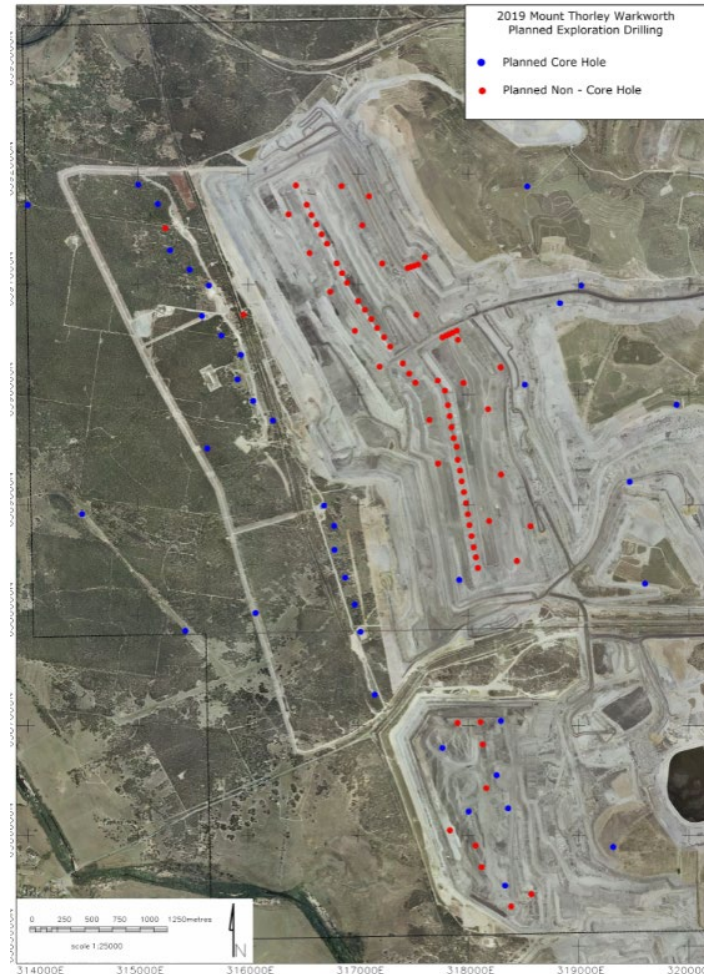
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MTW Operations

- MTW has maintained strong production performance in Q1 2019.
- Mining continued in Warkworth and Mount Thorley Operations.
- Dragline 102 commenced digging in MTO South in May.
- Coal processing and train loading normal operations
- Exploration activities have continued within the current leases. Aerial geophysical survey planned over western part of mining leases.
- The visual bund has been extended to west along Putty Road to former Wallaby Scrub Road intersection.
- NOOP trial blasting was conducted in April and will continue in May. Long Point residents advised of road closure changes.
- DL103 will return from shutdown in June.



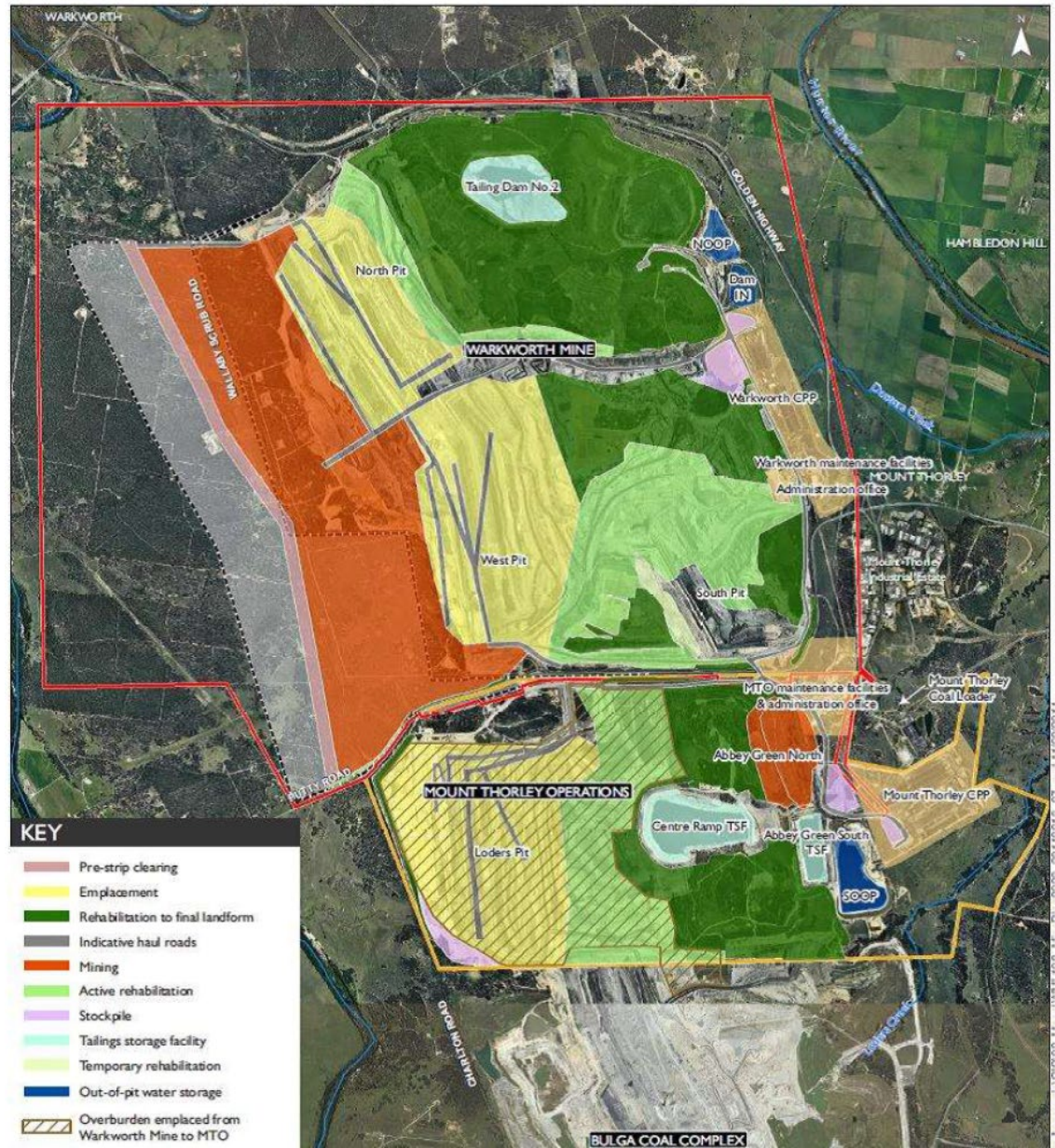
MTW Operations



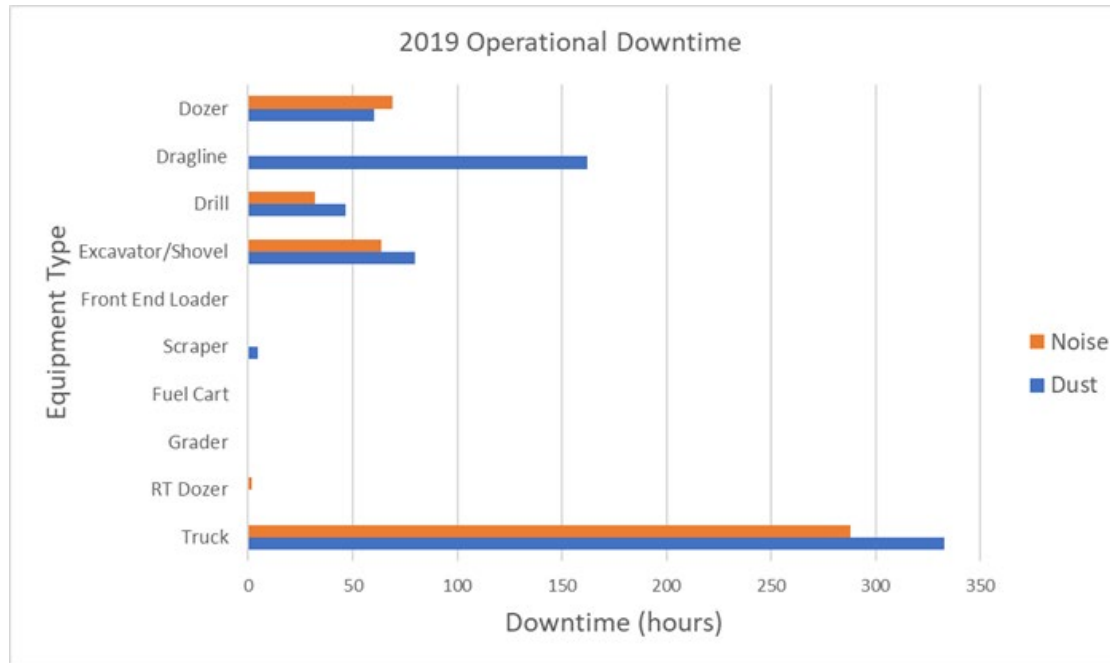
- Visual bund extended to west along Putty Road to former Wallaby Scrub Road intersection.

MTW Operations – NOOP Dam

- North Out of Pit Dam (NOOP) works will commence in 2019.
- NOOP will provide improved water security / balance position at MTW.
- Infrastructure and test blasting initially.
- Coal will be recovered from NOOP during construction.
- Test blasting commenced in April and will continue this week.



MTW Operations

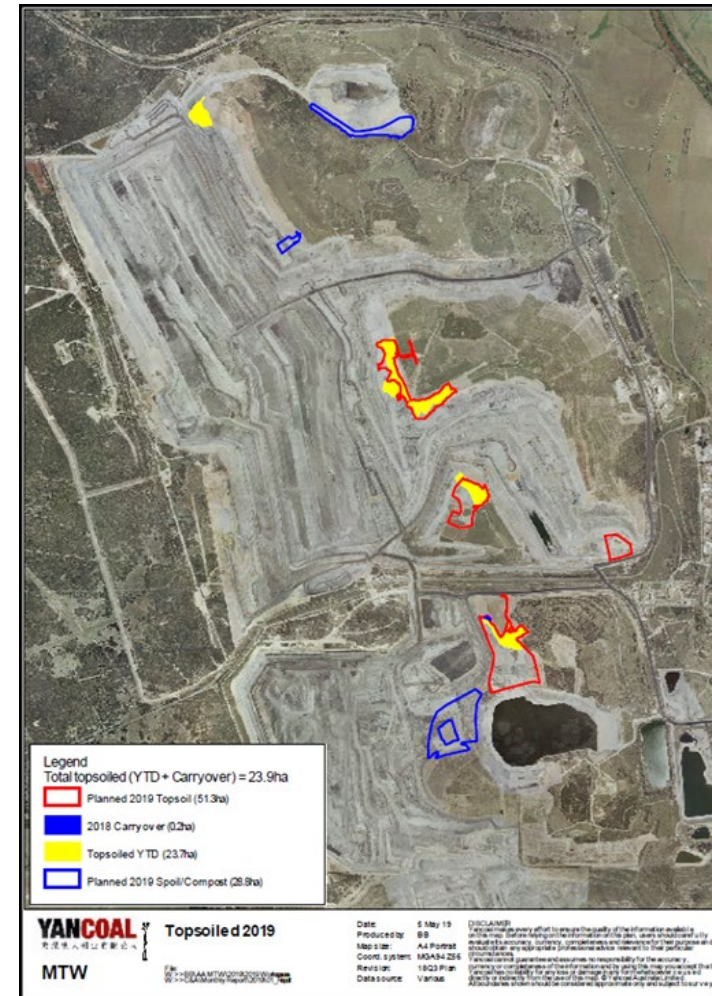


MTW Noise Monitoring YTD

	# CRO Assessments	# Individual assessment above trigger	# Nights above trigger
2019 YTD	2792	39	20
2018	6909	43	22
2017	5990	18	10
2016	4851	84	34

MTW Operations - Rehabilitation

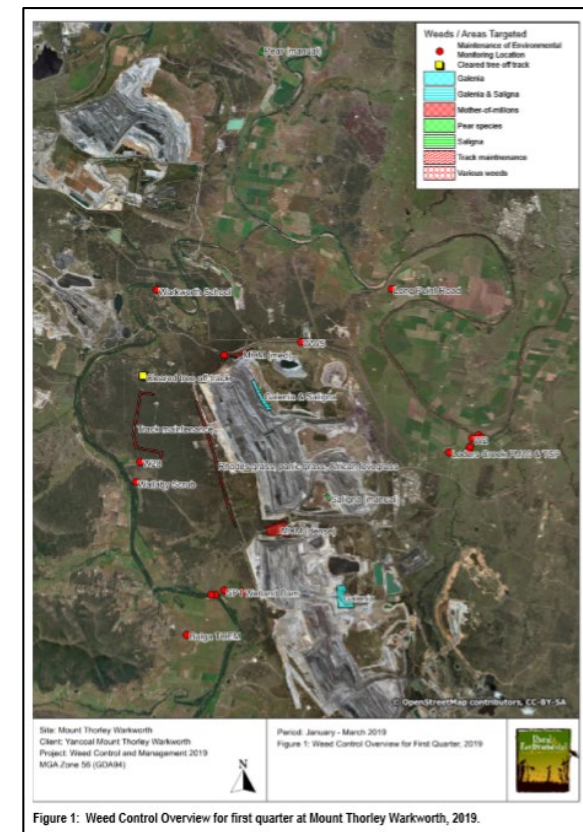
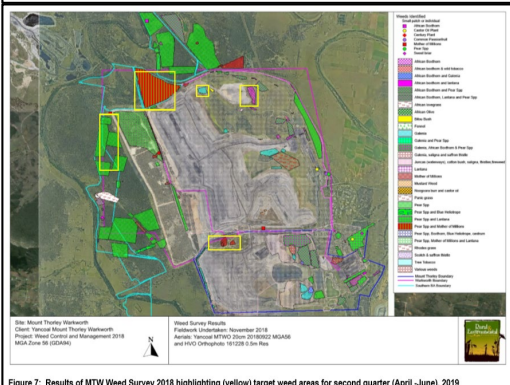
- Rehabilitation target for 2019 = 80 ha seeded (outlined in red and blue)
- 23.9ha of topsoiling completed to end of April in CD Dump, North Pit North and Woodlands
- Composting progress delayed in Q1 due to EPA suspension of use of Mixed Source Compost. MTW has sourced alternative compost and spreading recommenced in late April
- Key works for Quarter 2 2019 (April-June)
 - Dump releases in Mt Thorley and CD Dump
 - Bulk shaping in Mt Thorley and CD Dump
 - Topsoiling in Mt Thorley and CD Dump
 - Seeding of new rehab in North Pit North, CD Dump and Mt Thorley; Seeding of Stage 2 rehab in South Pit North and Mt Thorley



MTW Weed Management Q1 2019

Weeds targeted in operational areas in Q1 2019 were based on the results of the 2018 weed survey. The survey lists Weeds of National Significance (WONS), noxious, environmental and other non-declared weed species identified across MTW, and prioritises control areas of MTW.

	Treated (ha)
Mother of millions	26.65
Pear species	0.97
Galenia	22.97
Galenia & Saligna	13.18
Saligna (manual)	1.89
Grasses (Rhodes grass, panic grass and African lovegrass)	29.10
Track and environmental monitoring point maintenance	18.93
Total Area (Q1)	113.69



MTW BA Weed Management Q1 2019

Weeds targeted in the Southern and Northern Biodiversity Areas in Q1 included:

- Prickly Pear (*Opuntia stricta*),
- Galenia (*Galenia pubescens*),
- Mother of Millions (*Bryophyllum delagoense*)
- Lantana (*Lantana camara*)
- Blue Heliotrope (*Heliotropium amplexicaule*) and
- aggressive or invasive grasses, such as Coolatai (*Hyparrhenia hirta*) and Red Natal (*Melinis repens*).



Prickly Pear sprayed in NBA

Weed Management MITW BA Infill Planting Areas



Figure 2 – Spot spray maintenance of WSW plots in NBA1



Figure 3 – Clearing *Bidens pilosa* from plots in SBA3

Vertebrate Pest Management

- Coordination of vertebrate pest programmes with LLS and adjoining landholders so programmes are undertaken at the same time across the broader Hunter Valley area.
- April Feral Pig 1080 baiting program was conducted across MTW rehabilitation and local biodiversity offset areas: 39 pigs were

Table 2: Feral pig poisoned bait results for MTW Autumn Vertebrate Pest Management Program.

Bait No./ Site	POISONED BAIT (kg)			Comment
	Date 1 08/04/19	Date 2 09/04/19		
	Vol Laid	Vol Taken	Vol Collected	
1	10	10	0	8 poisoned pigs (sows) located 09/04 2 poisoned pigs (sows) located 10/04
2	5	0	5	
6	20	20	0	29 poisoned pigs located 09/04 (4 boars, 17 sows and 8 piglets)
7	20	10	10	
8	5	2.5	2.5	
Totals	60	42.5	17.5	29 pigs (4 boars, 27 sows and 8 piglets)

Figure 3: MTW and Southern BA feral pig baiting results for the Autumn Program, 2018.



Photo 8: Wild pigs photographed on motion sensor camera free feeding at Bait Site 6, taken on 05/04/2019 at 4:37am. There were 29 poisoned pigs located in the vicinity of this bait site.



Photo 9: Multiple feral pigs free feeding photographed on motion sensor camera at Bait Site 1, Bulga Rehabilitation, taken on 06/04/2019 at 6:36pm. Ten poisoned feral pigs were located near this site.

- May 1080 Baiting targeting wild dogs and foxes is currently underway across MTW operational areas and all Biodiversity Areas.



Figure 2: Feral pig bait site locations for MTW and BAs for the Spring 2018 vertebrate pest management program.

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

Management Plans / Reporting

- Annual Review Report / AEMR as required by conditions of development consent and mining tenements was submitted to the DPE & DPE-RR on the 29 March 2019 and will be uploaded to the MTW website when it has been approved.
- National Pollution Inventory Annual reporting submitted to the EPA 29 March 2019.
- Exploration Licence 8824 Activity Application submitted to DPE-RR 26 March 2019
- Exploration Licence 7712 Annual Exploration Activity and Community Consultation submitted to DPE-RR 26 March 2019
- Annual Compliance Report for EPBC 2002/629 and EPBC 2009/5081 submitted to the DoEE and DPE early May 2019

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8. Other Agenda Items

- Upper Hunter Mining Dialogue - short presentation on UHMD activities presented by Craig Milton

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Community update

Community Investment

The MTW Community Support Program has commenced for 2019. MTW supported numerous community groups through 2018 and continue to do so into 2019. The following organisations have been awarded support in the first application program for 2019:

- University of Newcastle Scholarship Program
- Rotary Club of Singleton on Hunter – 2019 Singleton Art Prize
- Singleton Schools Learning Community – Visible Wellbeing Project (Mental Health Program for teachers and students in all Singleton schools)
- Singleton Business Chamber – 2019 Singleton Business Excellence Awards
- Westpac Rescue Helicopter Service – Hunter Valley Mining Charity Rugby League Competition 2019
- Greta Branxton Rugby League – Sport Equipment
- Newcastle & Hunter Combined Schools ANZAC Service – 2019 Singleton ANZAC Service
- Singleton Theatrical Society – Platinum Sponsorship 2019 Production of 'Les Misérables'
- Mindaribba Warriors Rugby League – Bronze Sponsor
- Singleton District Girl Guides – Shade Shelters
- Singleton Council – Fireworks Display at 'Christmas on John Street 2019'

The Community Support Program for 2020 will call for applications in Q4 2019. Closing date TBA. For more information please email mtw.csp@yancoal.com.au

Community update

Science and Engineering Challenge

- Yancoal is the major sponsor of the University of Newcastle's 2019 Science and Engineering Challenge.
- MTW has been in partnership with UoN for this great event since 2000.
- Over 10,000 students have participated since it's inception.
- This year the event will be held 12-14 June 2019 at the Muswellbrook Sports Centre.



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Future Dates

Next Meeting Date

Date: 12 August 2019 – MTW Board Room

Time: 2:00PM-3:30PM