Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Tahmoor Coal Conference Room & Microsoft Teams
Thursday 1 September 2022

Name	Role
Attendees	
Michael Muston (MM)	Independent Chairperson
David Auchterlonie (DA)	Community Representative
Bob Clayton (BC)	Community Representative (online)
James Johnson (JJ)	Community Representative
Col Mitchell (CM)	Community Representative
David Henry (DH)	Wollondilly Shire Council Representative
Peter Vale (PV)	Tahmoor Coal Representative
Amanda Bateman (AB)	Tahmoor Coal Representative (minute taker)
Invitees	
April Hudson (AH)	Tahmoor Coal Representative
Thomas O'Brien (TO)	Tahmoor Coal Representative
Nick Le Baut (NLB)	Tahmoor Coal Representative
Natalie Brumby (NB)	Tahmoor Coal Representative
Ross Barber (RB)	Tahmoor Coal Representative
Apologies	
Greg Kininmonth (GK)	Resources Regulator
Zina Ainsworth (ZA)	Tahmoor Coal Representative
Paul Rogers (PR)	Wollondilly Shire Council Representative
Michael Banasik (MB)	Wollondilly Shire Council Representative (alternative)
Matthew Montgomery (MMt)	Subsidence Advisory NSW

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		Who	When Req'd	Date Raised
1. Welcome and Introductions				
1.1.	Michael Muston is the Independent Chairperson. He acknowledged the Traditional Owners of the land on which we met and paid respects to their Elders, past and present.	NOTE		01/09/22
1.2.	MM advised the committee of Julie Sheppard's resignation as she was an alternative option for Ana Gracanin.			
2. Declarations of Interest				
2.1.	MM is paid by Tahmoor Coal.	NOTE		01/09/22
3. Apologies				
3.1.	As per list above.	NOTE		01/09/22
4. Confirmation of Minutes of Previous Meeting				
4.1.	Confirmation of Q2 Minutes from 2 June 2022 accepted. Note: Q2 minutes to be added to the Tahmoor Website.	NOTE		01/09/22
5. Business Arising from Previous Minutes				
5.1.	Investigate lighting options for the mine entrance & Remembrance Driveway road upgrade works – ***Deemed too complicated to add lighting on Remembrance Dr. Tahmoor Coal is looking at options to position a light from the mine site towards the road***	CLOSED		01/09/22
5.2.	Waste Water Treatment Plant – provide schedule – ***included in presentation***	CLOSED		
5.3.	AB to contact Trish from the Wollondilly Heritage Centre – ***completed***	CLOSED		
5.4.	AB to contact SA NSW to seek update on former Act claims outstanding – ***completed, included in presentation***	CLOSED		
6. Correspondence - update as per the agenda				
6.1.	Q1 TCCCC Meeting Agenda distributed – Emailed by Amanda Bateman 24/02/2022	NOTE		01/09/22
6.2.	Final TCCCC advertisement – Emailed by Amanda Bateman 10/06/2022			
6.3.	Request for update on claim from SA NSW – Emailed by Amanda Bateman 17/06/2022			
6.4.	Six Monthly Subsidence Impact Report – Emailed by Amanda Bateman 17/06/2022			
6.5.	Q2 TCCCC Meeting Minutes – Emailed by Amanda Bateman 17/06/2022			
6.6.	Q2 TCCCC Meeting Minutes amendment – Emailed by David Henry 20/06/2022			
6.7.	Q2 Meeting Invoice – Emailed by Michael Muston 24/06/2022			
6.8.	Draft Social Impact Management Plan – Emailed by Amanda Bateman 29/06/2022			
6.9.	Q2 TCCCC Meeting Minutes Revised – Emailed by Amanda Bateman 29/06/2022			
6.10.	CMAP Quarterly Report June 2022 – Emailed by Amanda Bateman 30/06/2022			
6.11.	Tahmoor South Community Drop-In Session Flyer – Emailed by Amanda Bateman 07/07/2022			
6.12.	Independent Environmental Audit seeking TCCCC input – Emailed by Michael Muston 21/07/2022			
6.13.	TCCCC advertisement for member applications – Emailed by Amanda Bateman 26/07/2022			
6.14.	Resignation of Julie Sheppard – Emailed by Michael Muston 24/08/2022			
6.15.	Q3 TCCCC Meeting Invitation – Emailed by Amanda Fitzgerald 24/08/2022			
6.16.	Tahmoor South Newsletter #1 August – Emailed by Amanda Bateman 25/08/2022			
6.17.	Q3 TCCCC Meeting Agenda – Emailed by Amanda Bateman 29/08/2022			

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6.18.	Resident question about Bargo North Overbridge (Wellers Road) – Emailed by Michael Banasik 01/09/2022			
6.19.	Response about Bargo North Overbridge (Wellers Road) – Emailed by Amanda Bateman 01/09/2022			
7.	**Committee Members Reports**			
7.1.	**James Johnson** • Nil	JJ		01/09/22
7.2.	**Col Mitchell** • Nil	CM		01/09/22
7.3.	**David Henry** • Nil	DH		01/09/22
7.4.	**David Auchterlonie** • Thanked TO and AB for resolving the security driving issue in Kader Street.	DA		01/09/22
7.5.	**Bob Clayton** • Updated the Tahmoor Centenary Walk plaque with the SIMEC logo – slide shown in presentation. If there are any future maintenance works required along the walk, BC to contact AB to discuss any opportunities for assistance by the Tahmoor Coal apprentices. • Sought confirmation about where the community can access the committee member contact information. The committee member's names and email addresses are available on the Tahmoor Coal website and will be published in the next Resident Information Pack once printed in 2023. • As Vice President of Wollondilly Tourism Association, BC raised concern with SIMEC no longer sponsoring the $720 advertisement costs for The Oaks Historical Society to have an ad in the Wollondilly Tourism Association Inc. Destination Wollondilly quarterly magazine. BC requested a review of this decision by Tahmoor Coal and to advise of the outcome accordingly. ○ ***AB to discuss with management and advise BC of decision***	BC **AB**	 **30/09/22**	01/09/22
7.6.	**Paul Rogers** • Apology	PR		01/09/22
7.7.	**Michael Banasik** • Apology, but submitted an emailed question from a resident asking what mitigation measures are being taken by SIMEC in respect to potential subsidence damage to the Bargo North Overbridge (Wellers Road)? ○ Response provided: Tahmoor Coal received approval to mine directly beneath the Bargo North Overbridge (Wellers Road) but must ensure that the Bridge remains safe and serviceable, and that any damage is repaired in a manner that restores its heritage value. ○ The mine plan has been slightly adjusted and one outcome of the change is that the potential for impacts on the Bridge is reduced. The Bridge is not expected to experience impacts due to the mining of Longwalls S1A to S6A.	MB		01/09/22

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	○ Planned measures are being developed in consultation with the railway infrastructure owners and operators and Wollondilly Shire Council. ○ The following measures will be taken to ensure that the Bridge remains safe and serviceable: ▪ Structural engineering assessment of the pre-mining condition of the Bridge (underway) ▪ Consider whether any works are required prior to mining due to its existing condition (underway) ▪ Monitoring of the Bridge (in the process of being installed to gather long term baseline data for the Bridge before mining approaches it) ▪ Visual inspections of the Bridge when future mining approaches it ▪ In the unlikely event that the Bridge experiences damage due to mining of LWs S1A to S6A, repair the Bridge in a manner that restores its heritage value. ○ The mine plan for LWs S1B to S6B has not been finalised. Tahmoor Coal will ensure that the Bridge remains safe and serviceable and that any damage will be repaired in a manner that restores its heritage value.			
8. Mining Operations Update – Mine Update (presented by Peter Vale)				
8.1. Mine Update: • The mine is rapidly progressing the final transition from Tahmoor North to Tahmoor South. The first longwall commenced in Tahmoor North in April 2004 and the last longwall will finish in September 2022. • Coal price has been volatile, down to $200/t then rallying back to $270/t USD. • First time ever that thermal coal priced higher than coking coal. • Major projects underway, some linked to consent requirements: ○ Front entrance roadworks - complete ○ Waste Water Treatment Plant ○ Sewerage Treatment Plant - installed ○ Noise mitigation works ○ Underground booster fans. **8.2. Western Domain:** • Longwall West 4 commenced on Monday 16 May 2022 • Very short longwall, will be complete in September 2022 • Difficulties faced with floor heave in final stages of preparation for removal, but working through a solution • Equipment will then be relocation to Tahmoor South. Total underground travel is approximately 15kms • Preparations will commence for sealing Tahmoor North. Sealing the North longwalls is done with bolt heads which prevents gas escaping and will fill with groundwater. **8.3. Tahmoor South:** • Development mining from Tail Gate 1A (TG1A) has completed the installation roadway for LW S1A. • Development mining in Main Gate 1A (MG1A) is approaching the installation roadway (first workings only, no subsidence) • Development mining in Main Gate 2A (MG2A) commenced (first workings only, no subsidence)		NOTE		01/09/22
9. Tahmoor South (presented by Thomas O'Brien and April Hudson)				

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9.1.	**Noise mitigation:**
	• Dozer sound suppression kits installed in June 2022, 4dBA reduction achieved
	• Eastern side stockpile extension completed in July 2022
	• Coal Handling Prep Plant (CHPP) noise reduction works are progressing in two stages:
	  ○ Installation of acoustic cladding – tender issued. Tender closes Sep 2022
	  ○ Installation of acoustic roller doors – order issued to Maxdoors – Delivery due in Dec 2022 – Installation in Jan 2023
	  ○ Replacement of damaged or missing cladding completed in Aug 2022
	  ○ Fitting of noise reduction material to windows commenced - scheduled completion Dec 2022			

9.2.	**Gas Plant – gas drainage plant upgrade:** • Plant capacity (3,000L/s) currently, capacity at completion of upgrades will be 6,000L/s • Contract has been let to CS Gas with onsite work to commence at the end of Sep 2022 • This will optimise gas capture, reduce Greenhouse Gas emissions, and provide opportunity for Tahmoor to eliminate the use of electricity from the grid through expansion of the gas-powered electricity generation plant			
9.3.	**Mine site entrance:** • Construction commenced 16 May 2022 and works were completed late July 2022			
9.4.	**Sewage Treatment Plant upgrade:** • Concreting completed during May/June 2022 • All equipment delivered, installed and ready for commissioning during July 2022 • On schedule for commissioning in September 2022	NOTE		01/09/22
9.5.	**Longwalls South 1A to South 6A (LW S1A-S6A) Extraction Plan:** • Extraction Plan submitted 20 May 2022 • Anticipated extraction October 2022 to October 2026 for A-Series • Currently responding to comments from government agencies and Independent Advisory Panel for Underground Mining (IAPUM) reviews • MM asked if likely to be the final round of comments for the Extraction Plan prior to approval. AH replied yes, however up to DPE if further questions are required to be answered			
9.6.	**Management and mitigation in progress for surface assets for LW S1A:** • Main South Railway and Far Field Bridges • Mine site • Power poles • Built features • Council Roads and Far Field Bridges • Wollondilly Anglican College • Bargo Petroleum • Sydney Water Sewer • Sydney Water including 450mm • 3 x Telecommunications • ***RB to include an update at the December Meeting for the mine site mitigation works***	**RB**	**01/12/22**	01/09/22
10.	**Mining Operations Update - Western Domain** (presented by April Hudson, Ross Barber and Amanda Bateman)			

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	10.1. Western Domain update – Longwall West 4 (LW W4) • LW W4 commenced on 16 May 2022 • LW W4 is currently at 710.3m at COB 08/08/2022 (total length 722 m) **10.2. Western Domain - Environmental** • No observed subsidence-related impacts to dams, cliffs, steep slopes, agricultural land, aquatic or terrestrial ecology, or Aboriginal heritage in last 3 months. • Remediation of culverts planned after LW W4 extraction and methodology sent to DPE. No further impacts noted in the last 3 months. • Surface water level: o All sites at Level 1 (within natural parameters) due to high rainfall and correlating high water level. o Pool CR14 (Monitoring Site CB) has been at Level 1 since 6 November 2021, attributed to recovering groundwater system feeding back into the creek. • Surface water quality: o Level 2 TARP trigger for dissolved aluminium at monitoring site SC2, SC and SD for March, April and May 2022. Unlikely to be due to mining. o Level 2 TARP trigger for dissolved aluminium at monitoring site CG for March to June 2022. Unlikely to be due to mining. • Pool observations: o Level 3 TARP triggered due to surficial laminar fracturing of Rockbar SR17 (first observed October 2021). o All other sites at Level 1. • Groundwater level: o Slight decrease in groundwater level due to LW W3 mining, however most groundwater levels are stable or recovering. o Level 3 TARP trigger since March 2022 at one intake in deep groundwater bore TNC036. o Level 3 TARP trigger since September 2021 at P16C. o Level 3 TARP trigger decreased to Level 2 TARP trigger at P12C in May 2022. o Shallow and deep groundwater bores are expected to recover from depressurisation impacts following LW W4 extraction. • Groundwater quality: o Level 2 TARP trigger for strontium at P15A, however this change is localised and unlikely to be a mining related impact. o P12B reported a high pH due to flushing of cement/grout into the bore, but still a TARP Level 1 and not mining related. **10.3. Stonequarry Creek Rockbar** • Slow loss of water in manmade pool associated with minor cracking (May 22) that extends along natural joints and then into the rockbar (location is well away from grinding grooves). • Visual inspections have continued weekly, with Monthly Technical Committee meetings. • Longwall W4 is currently 1.7km from the rockbar. • Monitoring will continue for approximately 6 months following completion of LW W4. • MM asked what rehabilitation is planned for the rockbar. RB advised that further investigation or any repair works will be included in the end of panel report to be prepared over the coming months. • Recommendations regarding further investigation or any repair works will be included in the end of panel report to be prepared over the coming months.	NOTE		01/09/22

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	○ MM asked with the fracturing that has occurred, what was predicted verse what occurred? ○ ***ZA to provide advice at the next meeting.***	**ZA**	**01/12/22**	01/09/22
	• Continuing impacts to rockbar from vehicles crossing the access way. • Recent evidence of tyre skid marks on rockbar (close to grinding grooves). ○ BC asked about the potential installation of camera at the site to deter misuse by vehicles and bikes. ○ ***DH to check with Council regarding installation of a camera.***	**DH**	**01/12/22**	01/09/22
	10.4. Heritage Rail and Main Southern Rail Update • Tahmoor Coal has observed no issues with either railway system from the effects of LW W4. There has been greater disturbance from the extended wet weather pattern. • Main South Rail Mitigation Project progressing with the Track Switches and Track Monitoring 80% complete in preparation for LW S1A. **10.5. Victoria Bridge** • Transport NSW renewed an expansion gap on Victoria Bridge to mitigate potential ground movement effects – 35mm gap installed • No mining activities are being performed under the Victoria Bridge – Far Field movement • Stonequarry Creek valley at this bridge has seen closure of up 10mm from ground movement during LW W4, this movement could be attributed to weather and/or mining • Monitoring the roads and water mains in the vicinity has observed no associated movement. **10.6. Redbank Creek Culvert (91.265km) Restoration** • Contract awarded to Downer Pipetech. • Work commenced on site 12 July 2022 - plan completion December 2022. • Scope of work involves concrete lining of the culvert and replacement of the subsidence damaged invert. • Culvert invert replacement 25% complete at end August 2022. **10.7. Skew Culvert (93.342km) Repair** • Contract awarded to Bloor Rail. • Work commenced 8 August 2022 – Plan completion 4 November 2022. • Scope of works involves concrete lining of the inlet and outlet headwalls; insertion of helicoil rods in the brick lining and epoxy grout filling. • Works are currently 10% complete.	NOTE		01/09/22
11. Environment Update (presented by Natalie Brumby and Tom O'Brien				
	11.1. Environmental Incidents • There were no Environmental Incidents reported since the previous meeting. **Month** / **Environmental Incidents** June 2022 – 0 July 2022 – 0 August 2022 – 0	NOTE		01/09/22
	11.2. Water – *License Discharge Point 1* • There were nil exceedances since the last meeting.	NOTE		01/09/22

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11.3. Waste Water Treatment Plant • Environmental Protection Licence (EPL) variation approved by Environmental Protection Agency (EPA) for extended commissioning date to December 2023 • Existing redundant WTP removal from WTP building to make room for construction of main plant will be completed by end October 2022 • Hazard and Operability Study (HAZOPS) for the new plant completed in July 2022 • Basic design of new WTP finalised in August 2022 • Detailed design scheduled to be completed in November 2022 • Civil Works planned to commence in October 2022 • Main plant commissioning currently forecast for August 2023 • ***TO to update committee at December meeting on brine disposal solution once known***	NOTE **TO**	 **01/12/22**	01/09/22 01/09/22
11.4. Depositional Dust • Deposited dust levels continue to be below Environment Protection Authority (EPA) target levels of 4mg/m^2 per month. • Q3 average levels were 0.90mg/m^2	NOTE		01/09/22
12. Myrtle and Redbank Creek Remediation Plan Update (presented by Nick Le Baut)				
12.1. Remediation Works Schedule: • Myrtle Creek Stage 2 remediation works completed • All Myrtle Creek pools in monitoring phase • Redbank Creek works on schedule **12.2. Myrtle Creek Pool 12a Additional Stages:** • Remediation strategy: o Construction of stages 2-4, 50m wide curtain wall x 15m depth in 5m increments o Permeability testing indicate low hydraulic conductivity on edge of curtain wall o Completed in July 2022 • Outcome: o Improvement of pool holding capacity and reduction of recession rate o Pool 12a in monitoring phase to assess surface water and groundwater levels **12.3. Myrtle Creek Pool 23 Completion Report** • Pool 23 surface water and aquatic monitoring has ceased following 28 months of data since completion of the remediation • Consultant reports have determined that remediation of Pool 23 was complete following the review of pre-mining and post remediation data • Submission sent to the Resources Regulator for sign off on 30 August 2022 **12.4. Redbank Creek Rockbar RB5 and Pool 21** • RB5 Rockbar: o Construction of 50m wide x 18m deep curtain wall in 4 stages in progress o Stage 2 (to 12m depth) near completion	NOTE		01/09/22

	Schedule	Completed	In Progress	Remaining
Myrtle Creek – Pools	7 Pools	7	0	0
Redbank Creek – Pools	15 Pools	12	1	2
Redbank Creek - Rock Bars	6 Rock Bars	3	1	2

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	○ Early positive outcome with the improvement of pool holding capacity • Pool 21: ○ Remediation Strategy: Pattern grouting 6m wide hydraulic control ○ Currently setting up equipment and drilling to commence this week **12.5. Future works** • Redbank Creek – RB5 and Pool 21 remediation in progress • Planning for additional ground characterisation at future sites • Myrtle Creek – monitoring in progress. Meeting with Resources Regulator in September 2022	NOTE		01/09/22
13. Community Update (Presented by Amanda Bateman)				
	13.1. Community Complaints • There were six community complaints reported since the previous meeting relating to noise/vibration and contractor performance. **Month** / **Community Complaints** June 2022 – 0 July 2022 – 1 August 2022 – 5 **13.2. Community Sponsorships:** • Wollondilly Anglican College Country Fair - provided a grant of $10,000 • The Oaks Historical Society – provided a grant of $16,000 towards a new BBQ deck area at the Wollondilly Heritage Museum • 1st Bargo Scouts - provided a grant of $3,250 to assist with the purchase of new camping tents • Picton Show Society - provided a grant of $3,250 to assist with the purchase of Point of Sale technology for the Picton Show to move away from cash-based payment • Go the Distance – Chris O'Brien Lifehouse Hospital cancer fundraiser run - provided a donation of $520 to support a local Bargo resident competing in the Go the Distance run for her mum currently undergoing treatment at the Lifehouse hospital. **13.3. Community – Western Domain Newsletters** • Western Domain Newsletter 4 was issued to residents in July 2022 • Next newsletter will be issued following the completion of LW W4 in September **13.4. Community – Tahmoor South** • Tahmoor South Newsletter #1 issued to all residents within the study area this week • TCCCC Community Member advertisement included with the newsletter to encourage applications • 19 of 21 landowners located above Longwalls S1A-S3A have had a PMI • 25 people attended the Community Drop-In Session at Bargo Community Hall in July **13.5. Tahmoor Coal 40th Celebration** • On Friday 23 October 1981, Tahmoor Mine was officially opened by the Honourable K.G Booth, Treasurer of NSW. • To celebrate 40 years since the mine officially opened, Tahmoor is hosting a 40th anniversary celebration (a year late due to Covid) at Picton Bowling Club on Friday 14 October 2022 for current and former workers and their partners. • DH suggested extending an invitation to the Wollondilly Mayor if appropriate to do so.	NOTE		01/09/22

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SIMEC

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14. Subsidence Advisory NSW Update (Presented by Amanda Bateman)				
14.1. Residential Claim Status		NOTE		01/09/22

Residential Active Claim Status	
Total number of open claims	29
Preliminary assessment	0
Claims on hold	6
Under investigation	9
Land & Environment Court Appeal (L&EC)	0
Determination issued	12
Review requested	2

1961 CMS Act Non-active Claim Status	
Total number of claims	11
Determination issued	11

14.2. Picton Industrial Area

Picton Light Industrial Area	
Total number of claims	28
Claims accepted & finalised	27
Determination issued	1

15. TCCCC Finance			
15.1. The TCCCC bank balance is currently $32,932.37, statement end 31 March 2022.	NOTE		01/09/22
16. General Business			
16.1. Community member advertisement update – MM advised that one application had been received to date. Noting the ad was recently distributed to the Bargo community in the newsletter, the applications will extend until 7 October 2022. From there a decision will be made to extend an invitation for a couple of the applicants to attend the December meeting as observers prior to appointment. **16.2.** MM closed the meeting.	NOTE		01/09/22

Meeting Closed	*6.48 pm*	Next Meeting	*Thursday 1 December 2022*	Time	*5:00pm*	Location	*Picton Bowling Club*