Tahmoor Colliery Community Consultative Committee
Minutes of Meeting – Microsoft Teams (COVID 19 restrictions)
Thursday 2 September 2021

Name	Role
Attendees	
Michael Muston (MM)	Independent Chairperson
James Johnson (JJ)	Community Representative
Ana Gracanin (AG)	Community Representative
David Auchterlonie (DA)	Community Representative
Bob Clayton (BC)	Community Representative
David Henry (DH)	Wollondilly Shire Council Representative
Peter Vale (PV)	Tahmoor Coal Representative
Zina Ainsworth (ZA)	Tahmoor Coal Representative
Amanda Bateman (AB)	Tahmoor Coal Representative (minute taker)
Invitees	
Natalie Brumby (NB)	Tahmoor Coal Representative
April Hudson (AH)	Tahmoor Coal Representative
Thomas O'Brien (TO)	Tahmoor Coal Representative
Ross Barber (RB)	Tahmoor Coal Representative
Nick Le Baut (NLB)	Tahmoor Coal Representative
Apologies	
Greg Kininmonth (GK)	Resources Regulator
Robert Khan (RK)	Wollondilly Shire Council Representative
Col Mitchell (CM)	Community Representative
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		02/09/21
2. Declarations of Interest				
2.1.	MM is paid by Tahmoor Coal.	NOTE		02/09/21
2.2.	Tahmoor Coal Apprentice Engagement Program purchase barbeque items from Khan Supa IGA Picton, which is owned and operated by RK.			
3. Apologies				
3.1.	As per list above.	NOTE		02/09/21
4. Confirmation of Minutes of Previous Meeting				
4.1.	Confirmation of Minutes from 3 June 2021 accepted. Note: Q2 minutes have been added to the Tahmoor Website	NOTE		02/09/21
5. Business Arising from Previous Minutes				
5.1.	TCCCC creek tour video to be organised and shown at next meeting for Committee members who could not attend the creek tour – ***video presented in meeting.***	CLOSED		02/09/21
5.2.	A member from Subsidence Advisory NSW to do a presentation on the claims process and the current Mine Subsidence Compensation Act 2017 – *SA NSW provided their IPC submission letter outlining the legislation change and claims process and advised for any committee members to contact SA NSW directly if they have specific questions.* ***BC confirmed this action was based around the claims process while the IPC process for Tahmoor South was undergoing. Action to be closed.***	CLOSED		
5.3.	AB to write letter to DPIE seeking approval to combine the existing CCC with the Tahmoor South CCC and appoint the current Independent Chair – ***Completed and closed.***	CLOSED		
6. Correspondence - update as per the agenda				
6.1.	Follow up from Q1 TCCCC meeting - email for SA NSW Claims process – Emailed by Amanda Fitzgerald 16/03/2021	NOTE		02/09/21
6.2.	TCCCC Meeting follow up – request for SA NSW to attend Q2 meeting for Claims presentation – Emailed by Amanda Fitzgerald 16/03/2021			
6.3.	TCCCC Independent Chair continuation – Emailed by Amanda Bateman 03/06/2021			
6.4.	Independent Chair continuation confirmation – Emailed by Michael Muston 03/06/2021			
6.5.	Request to DPIE for process to combine CCC & appoint current chair – Emailed by Amanda Bateman 08/06/2021			
6.6.	Request for Independent Chair CV – Emailed by Amanda Bateman 08/06/2021			
6.7.	Letter to DPIE seeking to combine CCC & appoint current chair – Sent by Amanda Bateman 08/06/2021			
6.8.	Western Domain Newsletter #3 June 2021 – Emailed by Amanda Bateman 24/06/2021			
6.9.	DPIE approved combined CCC & appointed current chair – Sent by Amanda Bateman 24/06/2021			
6.10.	Q2 TCCCC Chair invoice submitted for payment - Emailed by Michael Muston 24/06/2021			
6.11.	CMAP Quarterly Progress Report June 2021 – Emailed by Amanda Bateman 01/07/2021			
6.12.	Q2 Draft TCCCC Meeting Minutes – Emailed by Amanda Bateman 01/07/2021			
6.13.	New Executive Assistance to WSC Mayor - Emailed by Debbie Hunt 02/07/2021			

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6.14. Q2 TCCCC Meeting Minutes confirmed – Emailed by Michael Muston 02/07/2021 **6.15.** Q2 TCCCC Meeting Minutes distributed – Emailed by Amanda Bateman 02/07/2021 **6.16.** Q2 TCCCC Meeting Minutes change requested – Emailed by David Henry 05/07/2021 **6.17.** Q2 TCCCC Meeting Minutes updated with amendments – Emailed by Amanda Bateman 09/07/2021 **6.18.** TCCCC NAB bank account terms & conditions changes – Letter received from NAB 03/08/2021 **6.19.** TCCCC NAB bank account terms & conditions changes – Emailed by Amanda Bateman 03/08/2021 **6.20.** TCCCC Members email contact added to TC Website and Tahmoor South update letter and Info Pack sent out – Emailed by Amanda Bateman 26/08/2021				
7. Committee Members Reports				
7.1. David Auchterlonie • Hearing some confusion in the Bargo community about where mining is up to and has mining started in Bargo. o PV confirmed that an update is included in the presentation.		DA		02/09/21
7.2. Col Mitchell • Apologies		CM		02/09/21
7.3. David Henry • A meeting is being held in mid-September about the Thirlmere Lakes Research Program which SIMEC Mining representatives, Natalie Brumby and Tom O'Brien are attending – Council thanks SIMEC for its ongoing involvement. One component of the program was looking at the hydrology of the lakes and there has been overwhelming confirmation that the lakes are changing due to climate. Department of Planning, Industry & Environment (DPIE) are seeking for further research to be undertaken and council are looking at how the community could be more engaged in the monitoring. • A Notice of Motion was carried at the August Council Meeting regarding Thirlmere Lakes. Council is seeking additional funding and support from NSW Minister for Environment for further monitoring and research at Thirlmere Lakes National Park. A further update will be provided at the next meeting.		DH		02/09/21
7.4. Robert Khan • Apologies		RK		02/09/21
7.5. Ana Gracanin • No update		AG		02/09/21
7.6. James Johnson • No update		JJ		02/09/21
7.7. Bob Clayton • Was asked by a member of the community if there are past employees of Subsidence Advisory NSW (SA NSW) now working for the colliery. o PV advised that Zina Ainsworth and Amanda Bateman previously worked at SA NSW and went through the standard recruitment process when roles became vacant and were advertised at Tahmoor Coal. Tahmoor believes		BC		02/09/21

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	their past experience at SA NSW provides added benefit to the community having more in-depth knowledge of the subsidence claims process.			
8. Mining Operations Update – Mine Update (presented by Peter Vale)				
8.1. Mine Update: • Mine is performing well, focus on development activities as longwall in hiatus • Funding for Australian Mining and Primary Steel (MPS) business is weeks from realisation • Funding for the greater business ongoing • Major Fraud office investigation in UK – no update • Credit Suisse application for "wind-up" in NSW Federal Court – initial hearing 6 May 2021 resulted in mutual extension of time – ongoing extension • Coal price – dramatic improvement in recent months, now above $250/t for Hard Coking Coal (HCC) (Tahmoor 89% of HCC). Mainly driven by the expected tightening of the global market as Chinese policy effects even out		NOTE		
8.2. Western Domain: • Longwall West 2 recovery and sealing completed without issue • Completed development roadways in Main Gate West 3 (MGW3) • Commenced longwall equipment installation on 9 August 2021 • Still working with DPIE regarding LWW3 Extraction Plan approval • Relocated equipment and commenced development in Main Gate West 4 (MGW4)				
8.3. Tahmoor South: • Development mining ongoing in TG1A for longwall S1A (no subsidence) • Commenced development mining in MG1A (no subsidence) • Ongoing rehabilitation and construction works – ventilation, conveyors, gas drainage, etc. ○ Committee requested a mine plan be distributed showing the Tahmoor South first working development mining in relation to the mine site and surrounding properties. ***Action: AB to email to members.***		**AB**	**10/09/21**	02/09/21
8.4. Tahmoor South consent: • Developing 13 Environmental Management Plans, of which nine have commenced. ○ DH asked if the Traffic Management Plan goes to Council for review. ZA confirmed that it does. • Community update letter and new Resident Information Pack posted out last week. • The letter and pack were distributed to 620 landowners located in the 20mm predicted subsidence zone. • The pack included the mine plan with the current proposed timeframes. • Scheduled commencement of Tahmoor South LW1A is October 2022 (subject to change pending operations). • A key change has been made to the longwall sequencing. Tahmoor Coal is now planning to mine the A series first followed by the B series.		NOTE		
9. Mining Operations Update - Western Domain Update (presented by April Hudson, Ross Barber and Amanda Bateman)				
9.1. Western Domain update - LW W2 completed • LW W2 mining completed on 17 June 2021 • LW W3 plan to commence toward early September 2021 following approval from DPIE **9.2. Subsidence Monitoring Observations**		NOTE		02/09/21

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	• 532 mm maximum observed vertical subsidence at Stonequarry Creek Road. • LW W2 centerline monitoring data indicates observed subsidence to be less than 650mm predicted. • Observed ground strains are generally small. • Observed GNSS unit movements are at the lower end of the observed range in the survey database for the Southern Coalfields at similar depths of cover. **9.3. Western Domain - Environmental** • No observed subsidence-related impacts to surface water level and quality, pools, dams, ecology, cliffs, steep slopes, agricultural land, Aboriginal heritage. • Ground Water: o Retained Level 4 TARP trigger for shallow and deep groundwater bores (P12, P16 and TNC36). o Groundwater bore P13 dropped back to Level 2 TARP trigger, demonstrating recovery of system. o One intake at 65 m in TNC36 also showing recovery. o Some minor exceedances of baseline level for some groundwater analytes; however no persistent trends. • Historical heritage – rail sandstone culvert at 88.400 km – cracking of sandstone block in the headwall, however culvert is stable. Repair methodology under investigation. **9.4. Heritage Rail Update** • Final Far Field preparation works for LW W3 on the MSR to be completed by 5 September 2021. • LW W3 is the last longwall passing beneath the PMLL. • LW W3 & W4 predicted to have minor impacts on the MSR and the infrastructure will be closely monitored. • Final survey set out and electronic track monitoring installs will be completed on the MSR before LW W3 commences. **9.5. Rail Possession Work (Far Field)** • Picton Viaduct o All survey monitoring, distometers, electronic track monitoring & GNSS monitoring systems installations are complete and operational. o The Abseil Team will be installing crack monitoring gauges over existing mortar joint cracking on the abutment ends of the bridge during the September Rail Possession. o Tamping of the down main track to improve top alignment will also be carried out in the September Rail possession. **9.6. Western Domain LW W3-W4 Extraction Plan:** • Submission of LW W3-W4 Extraction Plan 10 May 2021. • Government Agency presentation and site visit 10 June 2021. • Tahmoor Coal have provided response to all comments received from Government Agencies. • Tahmoor Coal working very closely with DPIE and newly-formed Independent Advisory Panel for Underground Mining (IAPUM) to obtain Extraction Plan approval. • Stonequarry Creek Rockbar Management Plan prepared for management of Aboriginal heritage items located on rockbar. • Anticipating commencement of LW W3 on 7 September 2021.	NOTE		02/09/21
10. Environment Update (presented by Natalie Brumby, Tom O'Brien and Amanda Bateman)				

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10.1. Environmental Incidents

- There was one Environmental Incident reported since the previous meeting.

Month	Environmental Incidents
June 2021	1
July 2021	0
August 2021	0

NOTE — 02/09/21

10.2. Community Complaints

- There was one community complaint reported since the previous meeting.

Month	Community Complaints
June 2021	0
July 2021	0
August 2021	1

NOTE — 02/09/21

10.3. Depositional Dust

- Deposited dust levels continue to be well below EPA target levels of 4mg/m^2 per month.

NOTE — 02/09/21

10.4. Water – *License Discharge Point 1*

- There were nil exceedances since the last meeting.

NOTE — 02/09/21

10.5. Waste Water Treatment Plant

- RO Plant is designed to meet ANZECC Guidelines as per EPL conditions (EC, Ba, Ni, As, Zn, Cu, N, Al, pH, $CaCO_3$).
- Consultation with several companies to learn from their experience.
- Additional weekly water sampling conducted on M3 dam (410 samples over the last 3 years).
- Modification of existing equipment to allow pilot plant to be installed.
- Pilot plant to be commissioned by late September 2021.
- EPL special condition for pilot plant installation by October 2021.
  - MM asked do water quality limits change with the implementation of the waste water treatment plant? ***NB confirmed yes, they will.***
  - ***PV advised we will put something together around the water quality for next meeting.*** Possibly show ANZECC Guidelines as well as EPL limit in the LDP1 graphs.
  - ***MM requested a brief explanation of guidelines next meeting.***

NOTE — 02/09/21

NB — **02/12/21** — 02/09/21

11. Myrtle and Redbank Creek Remediation Plan Update (presented by Nick Le Baut)

11.1. Remediation Works Schedule:

	Schedule	Completed	In Progress	Remaining
Myrtle Creek – Pools	7 Pools	1	1	5
Redbank Creek – Pools	15 Pools	11	1	3
Redbank Creek - Rock Bars	6 Rock Bars	2	1	3

- Schedule approved by the Resources Regulator.
- Works to be completed by August 2022 for Myrtle Creek and December 2022 for Redbank Creek per schedule.

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11.2. Myrtle Creek Pool 20: • Remediation strategy: ○ 50m curtain wall to a depth of 15m below creek level using PUR. ○ Four stages process including shallow curtain wall to 2m and deeper curtain in 5m increment. ○ Expected completion 03/09/2021. • Outcome: ○ Return of water in pool following completion of Stage 2 (5m depth). ○ Pool retention has further improved following the completion of stage 3 and 4. **11.3. Myrtle Creek Pool 23:** • Surface water level has remained constant since completion of remediation in February 2020. • Ongoing surface and groundwater water monitoring. • Latest aquatic ecology survey – Improved habitat from remediation works due to the return of water (similar or better compared to reference sites not impacted by mining). **11.4. Redbank Creek Rockbar RB6** • Remediation strategy: ○ 50m curtain wall to a depth of 18m in four stages. ○ Four stages process including shallow curtain wall to 2m and deeper curtain in 6m increment. ○ Expected completion December 2021. • Progress: ○ Stage 1 completed (2m) and Stage 2 underway. ○ Shallow fracture (100m aperture) located at ground water level. **11.5. Redbank Creek Rock Bar 19:** • Remediation Pool 19: ○ 48m curtain wall to a 12m depth and pattern grouting completed in July 2021. ○ Positive outcome with increase of pool retention. ○ Further rain events required to complete water retention analysis. • Pool 17, 18 and 20 – Pattern Grouting: ○ Drilling and grouting completed in July 2021. ○ Positive early outcome with increased water retention. **11.6. Future Works:** • Myrtle Creek Pool 18: ○ Remediation works to commence 6 September 2021. ○ Methodology: 32m curtain wall at 6m depth. • Redbank Creek Pool RB6: ○ Curtain wall Stage 2 ongoing. • Future sites: Planning for remediation works at Pool RB5 and 37 at Redbank Creek. **11.7. *Video of Myrtle Creek and Redbank Creek Tour played for committee.***		NOTE		02/09/21
12. Community Update (Presented by Amanda Bateman)				
12.1. Community Sponsorships: • **Tahmoor Public School P&C Association – No More Melanoma:** Tahmoor Coal provided a grant of $5,000 for the No More Melanoma playground improvement at Tahmoor Public School		NOTE		02/09/21

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- **Wollondilly illuminate Festival 2021:** Tahmoor Coal sponsored $5,500 for the Wollondilly illuminate Festival currently scheduled for 12-14 November 2021
- **Wollondilly Anglican College Country Fair 2021:** Tahmoor Coal provided a grant of $5,000 for the WAC Country Fair currently scheduled for December 2021
- **Wollondilly Mayoral Charity Night – supporting Men's Mental Health in Wollondilly:** Tahmoor Coal provided a grant of $3,600 for the Mayoral Charity Night. This was due to take place in July 2021, however is yet to be rescheduled pending Covid restrictions.
- **Wollondilly Beach Bus 2022:** Tahmoor Coal is sponsoring the Beach Bus for the ninth consecutive year. The buses are scheduled to run for 4 weekends in January 2022 pending Covid restrictions.
- **Our Community Pantry:** Tahmoor Coal provided a grant for the purchase of a new freezer for the storage of food hamper frozen goods.

12.2. Community – Western Domain Newsletter 3

- Western Domain Newsletter 3 issued to residents in June 2021
- LW W3 expected to commence early September 2021
- Western Domain Newsletter 4 to be distributed following confirmation of LW W3-W4 extraction plan approval
- Some property claim assessments from LW W1 can now commence pending Covid restrictions easing

NOTE — 02/09/21

13. Subsidence Advisory NSW Update

13.1. Residential Claim Status

Residential Claim Status	Active mining claims (TC)	Non-Active mining claims (SA NSW)
Total number of open claims	20	24
Under investigation	0	0
Claims on hold	1	7
On hold - active subsidence	15	0
Review requested	2	1
Determination issued	2	16

13.2. Picton Industrial Area

Picton Light Industrial Area	
Total number of claims	28
Determination issued	6
Review requested	3
Claims accepted	19

NOTE — 02/09/21

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14. TCCCC Finance				
14.1.	The TCCCC bank balance is currently $29,922.37, statement end 30 July 2021.	NOTE		02/09/21
15. General Business				
15.1. **15.2.** **15.3.**	**BC** requested acronyms throughout the presentation be spelt out in full going forward to assist the committee. ***AB confirmed this will be actioned in future presentations.*** Hume Coal proposed mine plan rejected by the Independent Planning Commission. **MM closed the meeting.**	NOTE	**02/12/21**	02/09/21

Meeting Closed	*6:25 pm*	Next Meeting	*Thursday 2 December 2021*	Time	*5:00pm*	Location	*Microsoft Teams Online*