Tahmoor Colliery Community Consultative Committee
Minutes of Meeting - **Tahmoor Coal Conference Room 1**
Thursday 1 June 2023

Name	Role
Attendees	
Michael Muston (MM)	Independent Chairperson
James Johnson (JJ)	Community Representative
Bob Clayton (BC)	Community Representative (online)
Paul Rogers (PR)	Wollondilly Shire Councillor
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
Apologies	
Col Mitchell (CM)	Community Representative
Nicole Pearce (NP)	Community Representative
Michael Banasik (MB)	Wollondilly Shire Councillor (alternative)
Matthew Montgomery (MMt)	Subsidence Advisory NSW
Greg Kininmonth (GK)	Resources Regulator

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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		01/06/23
2. Declarations of Interest				
2.1.	MM is paid by Tahmoor Coal.	NOTE		01/06/23
3. Apologies				
3.1.	As per list above.	NOTE		01/06/23
4. Confirmation of Minutes of Previous Meeting				
4.1.	Confirmation of Q1 Minutes from 2 March 2023 accepted. Note: Q1 minutes added to the Tahmoor Colliery website.	NOTE		01/06/23
5. Business Arising from Previous Minutes				
5.1.	Ibrahim Muharrem advised that Council is looking at opportunities for waterways data sharing and would like to discuss this further with Tahmoor Coal about the water quality data we currently collect. DH advised this is in collaboration with Water NSW. Council will reach out to Tahmoor Coal if any assistance with data is sought – ***Closed.***	CLOSED		01/06/23
5.2.	AB to arrange a presentation by Jonny Samengo about the GFG Foundation. Jonny advised he is overseas in June and September and PV will provide an update on the GFG Foundation mentoring program in the presentation – ***Closed.***	CLOSED		
5.3.	MM to prepare a thank you letter on behalf of the committee for David Auchterlonie following his resignation – ***completed and closed.***	CLOSED		
5.4.	AB to organise a Tahmoor Coal recognition and thank you for David Auchterlonie – ***completed and closed.***	CLOSED		
6. Correspondence - update as per the agenda				
6.1.	Tahmoor South Newsletter 3 – Emailed by AB 08/12/2022	NOTE		01/06/23
6.2.	Q1 TCCCC Meeting apology – Emailed by NP 02/03/2023			
6.3.	Q1 TCCCC Meeting apology – Emailed by PR 02/03/2023			
6.4.	Q1 TCCCC Meeting apology – Phone call by BC 02/03/2023			
6.5.	TCCCC DPE member nomination decision – Emailed by MM 03/03/2023			
6.6.	Response to BC regarding coal export to China – Emailed by AB 03/03/2023			
6.7.	Response to NC regarding GHG emissions – Emailed by AB 03/03/2023			
6.8.	Nicole Pearce confirmed as committee member – Emailed by DPE 06/03/2023			
6.9.	Nic Clyde declined as committee member – Emailed by DPE 06/03/2023			
6.10.	Nomination query – Emailed by NC 06/03/2023			
6.11.	Nomination query response – Emailed by MM 07/03/2023			
6.12.	DPE letter to chair regarding membership appointments – Emailed by MM 10/03/2023			
6.13.	DPE letter to Nic Clyde TCCCC nomination – Emailed by MM 10/03/2023			
6.14.	DPE Appointment of Nicole Pearce to committee – Emailed by MM 10/03/2023			
6.15.	Tahmoor South Newsletter #4 – Emailed by AB 13/03/2023			
6.16.	David Auchterlonie dinner event – Emailed by MM 16/03/2023			
6.17.	Committee participation thank you – Emailed by NC 16/03/2023			
6.18.	Annual Report 2022 submitted to DPE – Emailed by MM 20/03/2023			
6.19.	Committee participation thank you response – Emailed by MM 20/03/2023			
6.20.	Review of Q1 meeting minutes – Emailed by MM 22/03/2023			
6.21.	WTAI magazine advertisement – Emailed by BC 27/03/2023			

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6.22.	Six Monthly Western Domain Report 7 & Tahmoor South Report 1 – Emailed by AF 31/03/2023			
6.23.	Annual Review for 2022 distributed – Emailed by AF 03/04/2023			
6.24.	Quarterly CMAP Progress Report March 2023 – Emailed by AF 03/04/2023			
6.25.	Thank you letter to David Auchterlonie – Emailed by MM 11/04/2023			
6.26.	Independent Environmental Audit letter received – Emailed by MM 11/04/2023			
6.27.	Independent Environmental Audit agree with scope – Emailed by DH 11/04/2023			
6.28.	TCCCC Q2 Meeting invitation – Emailed by AB 17/05/2023			
6.29.	Independent Environmental Audit agenda item – Emailed by MM 18/05/2023			
6.30.	Committee recruitment agenda item – Emailed by MM 18/05/2023			
6.31.	Tahmoor South Newsletter #5 – Emailed by AB 24/05/2023			
6.32.	TCCCC Q1 Meeting Minutes – Emailed by AB 24/05/2023			
6.33.	TCCCC Q2 Agenda issued – Emailed by AB 24/05/2023			
7.	**Committee Members Reports**			
7.1.	**Bob Clayton** • No updates or issues to raise.	NOTE		01/06/23
7.2.	**James Johnson** • No updates or issues to raise.	NOTE		01/06/23
7.3.	**Paul Rogers** • Thanked Tahmoor Coal for arranging the underground tour and site visit for the Wollondilly councillors. PR thoroughly enjoyed the experience and encourages Tahmoor Coal to expand this opportunity to others in the community. • PV thanked PR for his feedback. • ***AB to arrange an underground tour for committee members following the next round of committee member recruitment***	NOTE **AB**	 **07/12/23**	01/06/23
7.4.	**David Henry** • Provided an update on council's Sustainability Policy which was adopted in March at the council meeting. • ***DH to send a copy of the Sustainability Policy to the committee.***	NOTE **DH**	 **07/09/23**	01/06/23
8.	**Mining Operations Update** – Mine Update (presented by Peter Vale)			

8.1.	**Mine Update:**
	• Consistent results from the longwall during the last quarter.
	• Improved results from development while closing out first workings for the second longwall in Tahmoor South.
	• Recovery of equipment from Tahmoor North for future use in Tahmoor South is ongoing.
	• Announcements from GFG regarding signing of an MOU for construction of an Electric Arc Furnace in Whyalla, as well as expansion of the Iron Ore mines to include production of Direct Reduced Iron (DRI) grade material. Supports the transition to Greensteel.
	• ***PV to provide more information on the Electric Arc Furnace at the next meeting.***
	• Major projects ongoing:
	  ○ Gas drainage plant
	  ○ Waste Water Treatment Plant
	  ○ Noise mitigation works
	• Coal price had been slowly declining to around $225/t (USD), still a reasonable price as supply and demand even out around the world. Mid to long term indicators remain strong.
		
		PV
		
			07/09/23	

8.2.	**Safeguard Mechanism:** • The Safeguard Mechanism is the Australian Government's policy for reducing emissions at Australia's largest industrial facilities, including Tahmoor Coal.			

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	• It sets legislated limits—known as baselines—on the greenhouse gas emissions of these facilities.
	• Potential for significant cost to Tahmoor Coal if not mitigated to approximately 5% improvement per year.
	• Mitigation early investigations have commenced.
	  ○ DH asked if Scope 3 emissions are being looked at. PV advised not at this stage.
	  ○ JJ asked about power generation instead of flaring methane. PV advised if we captured enough, we would look to use it.
	  ○ MM sought clarification that the catalytic converter option coverts methane to water and CO2. PV confirmed.
	8.3. Tahmoor South Mine Plan:
	• Approaching the end of Longwall South 1A.
	• Development activities focussed on completion of installation roadways for Longwall South 2A.
	• Longwall S2A expected to commence in early July.
	• Development mining in maingate for Longwall S2A (MG2A panel) (first workings, no subsidence).
	• Development mining in maingate for Longwall S3A (MG3A panel) (first workings, no subsidence).
	• Commenced conveyor installation works for Longwall S4A (MG4A panel).
	8.4. GFG Foundation update:
	• The GFG Foundation kicked off on Wednesday 17 May, the first intake of students for Tahmoor.
	• 30 Year 9 and 10 students from Picton High School and Wollondilly Anglican College had their first day with the program at the Tahmoor Community Hall.
	• They heard from GFG Foundation General Manager Georgina Crumpton, who had travelled from the London offices of GFG, and Foundation Chief Operating Officer Jonny Samengo.
	• The GFG Foundation focuses on programs to support people, particularly young people, to reach their potential and strengthen industries and local communities by boosting skills and employment prospects.
	• The GFG Foundation runs programs in areas that GFG Alliance has a significant presence in. These programs help give students important skills to help them towards being job-ready after school. These include STEM based learning programs, designed to involve students in problem solving real-world issues that are happening in their local communities.
	• The first session was an open invitation for parents as the students got to meet the ten mentors from Tahmoor Coal that will be guiding them through their weekly learning sessions during school terms 2 and 3.
		NOTE		01/06/23

9. Tahmoor South (presented by Zina Ainsworth and Amanda Bateman)				

	9.1. Longwall South 1A (LW S1A)
	• LW S1A commenced on 18 October 2022
	• LW S1A is currently at 1638.5m at COB 31/05/2023 (total length 1714m).
	• Subsidence levels are tracking below predictions with a maximum of 719mm observed.
	9.2. Environmental observations:
	• No observed subsidence-related impacts to the following features in the last 3 months:
	  ○ Groundwater bores – water level, water quality
	  ○ Geotechnical - farm dams, steep slopes, cliffs, agriculture land
	  ○ Aboriginal heritage – rock shelter (Teatree Hollow 2013.1)			

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	○ Ecology – aquatic ecology, terrestrial ecology, threatened flora and fauna, Threatened Ecological Communities • TARP triggers for changes in surface water observed at following pools: ○ TT7 (Level 2 Aluminium) ○ TT13 (*Level 3 – water level lower than the baseline >1 month*) ○ TT3, (*Level 3 – water level lower than the baseline minimum >1 month*, Level 2 Aluminium) ○ TT2 (*Level 1 Creek visual*) ○ TT12 (*Level 3 – water level lower than the baseline minimum>1 month*, Level 1 EC) ○ TT9 (Level 1 – water level lower than the baseline >24 hours). *Note: Underline* are **confirmed to be due to mining influences, in line with anticipated impacts identified in Tahmoor South EIS and Extraction Plan.** Text: **prevailing climatic conditions rather than mining-related influence.** • Notified government agencies and stakeholders. Monitoring frequency increased to fortnightly. • More detailed surface water investigation will be completed as part of the next six-monthly report. • Following completion of all impacting longwalls, a rehabilitation strategy will be determined if required in consultation with relevant government agencies. **9.3. Monitoring the following public assets with minimal observations to date:** • Remembrance Driveway • Wollondilly Anglian College • Bargo Petroleum • Tahmoor Mine Site • Main Southern Rail • Gas Main • Water / Sewer Main • Telecommunications	NOTE		01/06/23
10. Mining Operations Update - Western Domain (presented by Zina Ainsworth)				
	10.1. Western Domain update – Longwall West 4 (LW W4) • LW W4 commenced on 16 May 2022 and finished on 13 September 2022. • Environmental monitoring currently in post-mining stage, to continue until September 2023. • No observed subsidence-related impacts to dams, cliffs, steep slopes, agricultural land, surface water quality, groundwater level and quality, aquatic or terrestrial ecology, or Aboriginal heritage in last 3 months. • Surface Water Level – Level 3 TARP trigger for an atypical decline in water level at monitoring site CB for 13 April 2023. Further investigations and data analysis being conducted. • Historical heritage culverts (88.400 and 88.980): ○ Tahmoor Coal has completed rehabilitation of culverts in accordance with Transport for NSW (Heritage) standards. ○ Contractors, Pointe Pty Ltd completed the repairs in May 2023. ○ The repairs carried out by the Heritage Stonemason on the culvert headwall cracking was excellent with the shelling now undetectable. ○ Transport Heritage NSW have inspected and accepted the finished works. ○ An inspection by Department of Planning & Environment is scheduled for June 2023.	NOTE		01/06/23
11. Environment Update (presented by Natalie Brumby and Zina Ainsworth)				

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11.1. Environmental Incidents

- There were no Environmental Incidents reported since the previous meeting and there have been no incidents for over 12 months.

Month	Environmental Incidents
March 2023	0
April 2023	0
May 2023	0

11.2. Water – License Discharge Point 1

- There were nil exceedances since the last meeting.

11.3. Depositional Dust

- Deposited dust levels continue to be below the Development Consent assessment criteria target levels of 4mg/m2 per month.
- Q2 average levels were 0.7mg/m2

11.4. Waste Water Treatment Plant

- Current Status:
  - External civil works ongoing.
  - Started on major equipment installation - Ion Exchange and RO skids have been installed. — NOTE — 01/06/23
  - On schedule for completion in December 2023.
  - ***TO to arrange a tour of the RO plant in December for the committee*** — **TO** — **07/12/23**
- Brine Disposal at Tahmoor (underground discharge) and storage of mine water underground:
  - Modification of consent request submitted to the Department of Planning & Environment in early 2023.
  - Responded to all requests for information from Department of Planning & Environment.
  - No longer pursuing brine disposal (ocean discharge) at Port Kembla Coal Terminal.
  - Continuing to review other possible options as a back up to our primary disposal plan underground.
- Independent Environmental Audit
  - Conducted by Epic Environmental in April on Tahmoor's compliance with its consents, Environment Protection Licence and mining leases.
  - Draft reports received late May – 407 conditions audited.
  - 3 Non-compliances were identified – all associated with a power outage to one of Tahmoor's Dust monitors which breach the requirement of continuous monitoring in that location – Action was taken at the time to replace a faulty power line at the property.

11.5. Noise mitigation – major project

- Reduction of noise of the Washery 8-10 dBA (Cladding installation in progress)
- Coal Handling Prep Plant (CHPP) noise reduction works are progressing in stages below:
  1. Installation of acoustic cladding – Project completion expected in July 2023
  2. Installation of acoustic roller doors – Installation completed
  3. Fitting of noise reduction material to windows - completed
- Dozer sound suppression kits installed in June, 4dBA reduction achieved.
- Stockpile extension for increased operation on the Eastern side, 6 dBA reduction achieved.
- Reject Haul Truck being fitted with new automatic transmission motor and upgraded sound kit. Due in August 2023.

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12. Myrtle and Redbank Creek Remediation Plan Update (presented by Zina Ainsworth)

12.1. Remediation Works Schedule:

	Schedule	Completed	In Progress	Remaining
Myrtle Creek – Pools	7 Pools	7	0	0
Redbank Creek – Pools	15 Pools	13	1	1
Redbank Creek - Rock Bars	6 Rock Bars	4	1	1

- Myrtle Creek Stage 2 remediation works completed in August 2022.
- Schedule review submitted to the Resources Regulator for Redbank Creek (completion date June 2024).

12.2. Myrtle Creek update

- All remediated pools in monitoring phase – surface water, ground water and aquatic ecology monitoring.
- All pools holding water since remediation except Pool 18 and Pool 14 (recession events).
- Pool 18 and Pool 14 – additional works:
  - Monitoring data have highlighted a fluctuation in the water levels at Pool 14 and Pool 18.
  - Results indicate that further remediation is required.
  - Currently planning for additional work (extension of curtain wall) at both sites in September / October 2023.

12.3. Redbank Creek update

- Remediation strategy Pool 37:
  - Grout curtain wall 50m wide x 18m depth using expandable grout compound to seal fracture network.
  - All three stages completed to 18m depth.
  - Currently conducting quaternary drilling and testing to confirm grouting effectiveness.
  - Potential additional work on northern side of curtain wall pending testing results.
  - Completion expected July 2023.
- Remediation Pool 28:
  - Grout curtain wall construction to commence in July 2023 (following the completion of Pool 37).
  - Expecting completion by December 2023.
- DH asked if there are any works planned for Stonequarry Creek in the Western Domain mining area. ZA advised that only one pool has had water recession which is still being monitored. No planned actions at this stage.
- ***AB to arrange a creek remediation tour following new member recruitment.***

NOTE — 01/06/23

AB — **07/12/23**

13. Community Update (Presented by Amanda Bateman)

13.1. Community Complaints

- Two complaints received in the last quarter relating to house vibrations and contractor behaviour. All complaints have been investigated and addressed.

Month	Community Complaints
March 2023	1
April 2023	1
May 2023	0

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13.2. Community – Tahmoor South Newsletters

- Tahmoor South Newsletter #4 March and #5 May issued to residents.
- End of Panel newsletter to be issued in early-mid June upon completion of LW S1A.

13.3. Community Sponsorships:

- Wollondilly Heritage Centre - Attended the sponsors opening ceremony of the new BBQ deck area built, which Tahmoor Coal sponsored $16,000 towards.
- Bargo Mens Shed - $5,000 sponsorship for a disabled toilet installation at the Mens Shed
- Wollondilly Anglican College - $5,000 sponsorship towards the annual Country Fair being held in September
- One Stop Community Assistance - $1,870 sponsorship for community trailer signage
- Tharawal Local Aboriginal Land Council - $1,500 sponsorship towards the annual NAIDOC Family Fun Day being held in July
- Tahmoor Public School - $1,000 sponsorship towards the Student Wellbeing Garden project
- Kids of Macarthur Health Foundation - $2,000 donation towards the purchase of a RetCam for the hospital
- Picton Magpies Old Boys - $2,000 sponsorship towards equipment upgrades at Hume Oval

NOTE — 01/06/23

14. Subsidence claims update (Presented by Amanda Bateman)

14.1. Residential Claim Status

Residential Active Claim Status	
Total number of open claims	20
Preliminary assessment	0
Claims on hold	1
Under investigation	8
Land & Environment Court Appeal (L&EC)	0
Determination issued	6
Review requested	5

NOTE — 01/06/23

15. TCCCC Finance

15.1. The TCCCC bank balance is currently $36,120.86 statement end 30 December 2022. — NOTE — 01/06/23

16. General Business

16.1. Independent Audit – MM received a letter from DPE seeking any feedback from the committee on the scope of the audit. DH responding confirming the scope was fine.

16.2. Community member recruitment – currently three vacant community member positions on the committee. The committee agreed to commence recruitment for additional members particularly in Bargo as the current mining domain.

- ***AB to arrange advertisement in June community newsletter and on website.***

16.3. MM closed the meeting.

NOTE — **AB** — **07/09/23** — 01/06/23

Meeting Closed	*6.25pm*	Next Meeting	*Thursday 7 September 2023*	Time	*5:00pm*	Location	*Tahmoor Coal*