

Name	Role			
Attendees				
Michael Muston (MM)	Independent Chairperson			
David Auchterlonie (DA)	Community Representative			
David Henry (DH)	Wollondilly Shire Council Representative			
Peter Vale (PV)	Tahmoor Coal Representative			
Amanda Bateman (AB)	Tahmoor Coal Representative (minute taker)			
Invitees				
Thomas O'Brien (TO)	Tahmoor Coal Representative			
Nick Le Baut (NLB)	Tahmoor Coal Representative			
Apologies				
Bob Clayton (BC)	Community Representative			
James Johnson (JJ)	Community Representative			
Col Mitchell (CM)	Community Representative			
Zina Ainsworth (ZA)	Tahmoor Coal Representative			
Paul Rogers (PR)	Wollondilly Shire Council Representative			
Michael Banasik (MB)	Wollondilly Shire Councillor (alternative)			
Matthew Montgomery (MMt)	Subsidence Advisory NSW			
Greg Kininmonth (GK)	Resources Regulator			
Nic Clyde (NC)	Community Observer			
Nicole Pearce (NP)	Community Observer			





Time Location			5.00pm to 5.55pm	Minute Ta	AB					
		ation ate	Tahmoor Coal Conference Room 1 – 2975 Remembrance Dr Bargo 2 March 2023	Who	When Req'd	Date Raised				
1.	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.								
2.	Decl	arations of	nterest							
	2.1.	MM is paid	by Tahmoor Coal.	NOTE		02/03/23				
3.	Apol	ogies								
	3.1.	As per list a	above.	NOTE		02/03/23				
4.		•	Minutes of Previous Meeting							
					[1				
	4.1.		n of Q4 Minutes from 1 December 2022 accepted. inutes added to the Tahmoor Website.	NOTE		02/03/23				
5.	Busi	ness Arisin	g from Previous Minutes	l		1				
					[
	5.1.		committee member initials could be added to the meeting agenda to assist with members assigned to actions and correspondence – <i>completed & closed</i> .	CLOSED						
	5.2.	DH to chec	k with Council regarding the feasibility of a camera installation at Stonequarry							
			bar due to the misuse by vehicles and dirt bikes. Ibrahim Muharrem advised at							
			2022 meeting that surveillance cameras are typically only used for illegal urposes, but Council would look into this further – No further action to be taken	CLOSED						
		- closed.								
	5.3.		vide map location of creek remediation sites with Q4 2022 meeting minutes –	CLOSED		02/03/23				
	5.4.	completed MM to draft	A closed. Annual Report and distribute to the committee prior to March 2023 meeting							
	0.4.		ention that the TCCCC endorse the final report at the next meeting – <i>completed</i>	CLOSED						
		& closed.								
	5.5.		harrem advised that Council is looking at opportunities for waterways data I would like to discuss this further with Tahmoor Coal about the water quality	OPEN	01/06/23					
		-	rrently collect. DH advised a working group is being formed and he will send an	OPEN	01/00/25					
			Tahmoor Coal representatives to attend – action open.							
6.	Corr	espondence	e - update as per the agenda							
	6.1.		outh Newsletter 3 – Emailed by AB 08/12/2022							
	6.2.	-	Subsidence Impact Report LW W1-W4 – Emailed by AB 08/12/2022							
	6.3. 6.4.		Sustainability Policy for review – Emailed by IM 14/12/2022 Invoice – Emailed by MM 16/12/2022							
	6.5.	-	Meeting Minutes amendment – Emailed by MM 16/12/2022							
	6.6.		Meeting Minutes distributed – Emailed by AB 19/12/2022							
	6.7.	Q4 TCCCC	Meeting Minutes amendment requested – Emailed by NC 19/12/2022							
	6.8.		Meeting Minutes proposed amendment – Emailed by AB 23/12/2022							
	6.9.		eting dates request by council – Emailed by Kristy Peters 04/01/2023	NOTE		02/03/23				
	6.10. 6.11.		eting dates sent to council – Emailed by AB 04/01/2023 rterly Report December 2022 – Emailed by AB 06/01/2023							
			Meeting Minutes amendment confirmed – Emailed by NC 20/01/2023							
	6.13.		Meeting Minutes amendment requested – Emailed by BC 20/01/2023							
		Q4 TCCCC	Meeting Minutes updated & distributed – Emailed by AB 23/01/2023							
			Meeting apology – Emailed by JJ 22/02/2023							
			Meeting agenda item Annual Report – Emailed by MM 22/02/2023 ittee member nominations submitted to DPE – Emailed by MM 22/02/2023							
	0.17.	inew comm								



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6.18. 6.19. 6.20. 6.21. 6.22. 6.23. 6.24. 6.25. 6.26. 6.27.	Q1 TCCCC Draft Annu Q1 TCCCC Draft Annu Draft Annu Q1 TCCCC Draft Annu Draft Annu	 Meeting request to attend online – Emailed by NC 23/02/2023 Meeting request to attend online response – Emailed by AB 27/02/2023 Al Report 2022 – Emailed by MM 22/02/2023 Meeting agenda distributed – Emailed by AB 28/02/2023 al Report 2022 review feedback – Emailed by AB 28/02/2023 al Report 2022 distributed to members – Emailed by MM 28/02/2023 Meeting apology & GHGE questions raised – Emailed by NC 01/03/2023 al Report 2022 feedback – Emailed by DH 01/03/2023 al Report 2022 updated with feedback – Emailed by MM 01/03/2023 but Brine Mod update at meeting – Emailed by DH 01/03/2023 			
7. Com	nmittee Mem	bers Reports			
7.1.	James Joł • Apo		NOTE		02/03/23
7.2.	Col Mitche • Apo		NOTE		02/03/23
7.3.	com Rep • The	hterIoniermed the committee of his resignation. He has been the longest standingmittee member, having first started on the committee as a Councilresentative approximately 28 years ago.committee wished David all the very best and thanked him for this valuedoMM to prepare a thank you letter on behalf of the committee.oAB to organise a Tahmoor Coal recognition and thank you.	NOTE JUNE	01/06/23	02/03/23
7.4.	Bob Clayte • Apo		NOTE		02/03/23
7.5.	late	ry <i>i</i> ded an update on council's Sustainability Policy which went on public exhibition last year. The policy is being submitted at the Council Meeting this month and uld be available on the website in the coming weeks.	NOTE		02/03/23
8. Mini	ing Operatio	ns Update – Mine Update (presented by Peter Vale)			
8.1.	 Imp Cha Rec ong Con Mee Maj Maj O O Coa 	te: ellent results from the longwall during January and into February 2023. roved results from development once completed remote mining in tight coal zone. nges to gas drainage hole spacing has improved drainage. overy of equipment from Tahmoor North for future use in Tahmoor South is bing. menced discussions with Picton High School regarding the GFG Foundation. ting with Wollondilly Anglican College next week. or projects ongoing: Gas drainage plant Waste Water Treatment Plant Noise mitigation works I price had been slowly rising until recently when it dropped sharply, however mid ng term indicators are that it will remain strong. Currently around \$350/t (USD).	NOTE		02/03/23



T !		Minute Tal	AB	
Time Location Date	5.00pm to 5.55pm Tahmoor Coal Conference Room 1 – 2975 Remembrance Dr Bargo 2 March 2023	Who	When Req'd	Date Raised
 Pi 33 Di pa Di su In G In co 	 Tahmoor South: ongwall South 1A (LW S1A) commenced on 18 October 2022. roduction in January 2023 was the best result in the history of the mine, with over 50kt produced, including weekly tonnes record of 104,374. evelopment mining in maingate for Longwall S2A (MG2A panel), good results once ast area with gas drainage issues (first workings, no ubsidence) evelopment mining in maingate for Longwall S3A (MG3A panel) (first workings, no ubsidence) o Creenhouse Gas Management response to a question asked at the December meeting regarding sources of ireenhouse Gas Emissions: Scope 1 emissions (direct emissions): Fugitive emissions include: Mine ventilation air contributing around 90%, with a methane concentration of ~0.2-0.4% Power generation through utilisation of the higher concentration methane (~25-50%), contributing around 3% Flaring to convert fugitive methane to carbon dioxide Pre / post drainage emissions Note: Tahmoor Coal utilises a combination of best practice methane management techniques to reduce its Scope 1 emissions. Other Scope 1 sources include: Diesel; Unleaded Petrol; SF6 and post-mining activities (contributing around 3%) Scope 2 emissions (indirect emissions) are associated with electricity purchased from the grid. Further information can be found on Tahmoor website response to a question akked at the December meeting whether Tahmoor is onsidering Ventilation Air Methane (VAM) technology: There are no ventilation air methane plants in operation at a commercial scale in underground coal mines in Australia. The technology is energy intensive, and therefore increases Scope 2 GHGE. There is also a potential significant safety hazard associated with an ignition propagatin	NOTE		02/03/23



Time Location	5.00pm to 5.55pm Tahmoor Coal Conference Room 1 – 2975 Remembrance Dr Bargo	Minute Ta	AB	
Date	2 March 2023	Who	When Req'd	Date Raised
 GF Th 10 Th inc 	 for each longwall are sealed off at the completion of mining, which is industry best practice. Ongoing investigation: Tahmoor Coal acknowledges that GHGE abatement and low emissions technologies are continually and rapidly evolving. Tahmoor Coal is committed to regularly reviewing available GHGE abatement measures to determine if there are any reasonable and feasible measures that can be implemented to further reduce GHGE. ndation e GFG Foundation is a registered charity founded by Nicola and Sanjeev Gupta. ^{-G} Foundation Goals: Serving the community: To support and educate young people and the communities in which GFG Alliance has a significant presence Inspiring the next generation: To inspire students by showcasing technology, engineering and science in local industrial businesses Unlocking potential: To help students to build confidence as they enter adulthood by nurturing their spirit of innovation, imagination, invention and entrepreneurship e GFG Foundation is launching its program in Wollondilly this year for 30 Year 9 & students from Picton High School and Wollondilly Anglican College. e course will run for two school terms, one afternoon per week. It will include dustry-based excursions, mentors from Tahmoor Coal and a graduation event. AB to arrange for a presentation by Jonny Samengo for next meeting. A asked what apprentices we recruit. PV advised we have one in each field of electrical and mechanical. We also have graduate and trainee programs. 	АВ	01/06/23	02/03/23
9. Tahmoor South	h (presented by Nick Le Baut and Amanda Bateman)			
9.1. Longwall • LW • LW • Su 9.2. Environm • No mo • Su • • Su •	h (presented by Nick Le Baut and Amanda Bateman) I South 1A (LW S1A) V S1A commenced on 18 October 2022 V S1A is currently at 1071.5m at COB 1 March 2023 (total length 1714m). Ibisidence levels are tracking below predictions with 719mm observed. mental observations: o observed subsidence-related impacts to the following features in the last 3 onths: Geotechnical - farm dams, steep slopes, cliffs, agriculture land Aboriginal heritage – rock shelter (Teatree Hollow 2013.1) Aquatic ecology Terrestrial ecology – threatened flora, Threatened Ecological Communities urface water monitoring: No triggers for surface water level & quality for October to December 2022, except for a Level 1 TARP trigger of TARP WMP3 at Pool TT9. Trigger at Pool TT9 due to a decline in water level by greater than 10 centimeters below the recorded baseline minimum level between 27 to 30 December 2022. Likely to be related to prevailing climatic conditions, unlikely to be related to mining influences. eek monitoring: Level 1 TARP trigger of TARP WMP5 for visually observed anomalous change in water level and overland connected flow at Pools TT11 and TT3, as well as cracking observed approximately 50 metres downstream of Pool TT2.	NOTE		02/03/23



Time	E 00mm to E EEnm	Minute Tal	AB	
Time Location Date	5.00pm to 5.55pm Tahmoor Coal Conference Room 1 – 2975 Remembrance Dr Bargo 2 March 2023	Who	When Req'd	Date Raised
• • Gro • • Gro • • • • • • • • • • • • • • • • • • •	Confirmed to be due to mining influences, in line with anticipated impacts identified in Tahmoor South EIS and Extraction Plan. Increased visual creek monitoring inspections from monthly to fortnightly and notified relevant government agencies and stakeholders. undwater TARP WMP9 for Shallow Groundwater Pressure: Level 2 TARP trigger at TBC032 (HBSS 131m) in December 2022 due to water level decline below the calculated Level 2 trigger. Additional monitoring is required to confirm if trend is related to climatic or mining impacts. undwater TARP WMP10 for Deep Groundwater Pressure: Level 1 TARP triggers due to recorded drawdown below the modelled predicted drawdown. TARP triggers appear to be very conservative, unlikely to be due to mining. undwater TARP WMP11 for Groundwater Quality: Level 1 TARP triggers due to salinity, pH and/or metals outside of defined trigger levels. Triggers are likely to be climate related rather than mining. Resulted in Level 1 TARP triggers to Groundwater TARP WMP13. <i>Groundwater TARPs WMP9, WMP10, WMP11 and WMP13 will be revised and</i> groundwater level and quality re-assessed as part of the upcoming Annual <i>Review. Current TARPs do not account for short-term fluctuations.</i> TARP Trigger Notification submitted to relevant government agencies. survey monitoring sites for LW S1A: n Southern Rail moor Mine Site nembrance Driveway londilly Anglian College go Petroleum Main er / Sewer Main accommunications	NOTE		02/03/23
	ns Update - Western Domain (presented by Nick Le Baut and Amanda Bateman omain update – Longwall West 4 (LW W4))		
 LW Env 202 No lanceco Surt mor con Hist o O 	W4 commenced on 16 May 2022 and finished on 13 September 2022. ironmental monitoring currently in post-mining stage, to continue until September	NOTE		02/03/23



Time									
Time Location			T .	5.00pm to 5.55	Minute Taker		AB		
	ation		Tahmoor C	coal Conference Room 1 – 29 2 March 2023	-	Who	When Req'd	Date Raised	
	•	ART certi Han	C Construction N fication to the de dover to ARTC u	pon receipt of design certificati	ughout works and will provide				
11. ENVI	ronme	nt Up	date (presented	by Tom O'Brien)					
11.1.	Envir •	Their have Mon Dece Janu	e been no incider	onmental Incidents reported sind the for over 12 months. Environmental Incidents 0 0 0 0	ce the previous meeting and there	NOTE		02/03/23	
11.2.	Wate •		cense Discharg e re were nil excee	e Point 1 dances since the last meeting.		NOTE		02/03/23	
11.3.	Depo •	Dep targe	et levels of 4mg/r	m ² per month.	nment Protection Authority (EPA)	NOTE		02/03/23	
11.4.	 Q1 average levels were 1.14mg/m2 11.4. Waste Water Treatment Plant Current status 							02/03/23	



Tin	ne			5.00pm to 5	.55pm			Minute Ta	ker	AB
Loca Da		Tahmoor C	or Coal Conference Room 1 – 2975 Remembrance Dr Bargo 2 March 2023				Who	When Req'd	Date Raised	
12. Myrtle	and Redb	ank Creek Reme	ediation Plan	Update (pres	sented by Nicl	< Le Baut)				
12.1.	Remediatio	on Works Sched	lule:							1
			Schedule	Completed	In Progress	Remaining				
	Myrtle Cr	eek–Pools	7 Pools	7	0	0				
	Redbank	Creek – Pools	15 Pools	13	1	1				
	Redbank	Creek - Rock Bars	6 Rock Bars	4	1	1				
12.3.	Myrtle Creek – Pools7 Pools700Redbank Creek – Pools15 Pools1311						d aquatic the oonse). ata RIVAS). nce Site habitat d to seal ss of the RIVAS).	NOTE		02/03/23



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	ation ate	Tahmoor Co	bal Conference Room 1 – 297 2 March 2023	75 Remembrance Dr Bargo	Who	When Req'd	Date Raised
13.2.	 Commu Ji Ji Fr Commu T T 2 Commu S e S e S th W S th 	Inity Complaints One enquiry received perations. All complations. All complating all completed. All complations. All completed. All completed. Al	NOTE		02/03/23		
			te (Presented by Amanda Bate	eman)			
14.1.		ntial Claim Status Iential Active Clai	im Status				
	Total n	number of open claim	ns 27				
	Prelimi	inary assessment	0				
		on hold		NOTE		02/03/23	
		investigation			52,00,20		
		Environment Court I (L&EC)					
	Detern	nination issued					
	Review	vrequested	5				
14.2.	Picton I	ndustrial Area					



Time		5.00pm to 5.55pm				Minute Tal	AB		
Location Date	ו	Tahmoor Coal Conference Room 1 – 2975 Remembrance Dr Bargo 2 March 2023					Who	When Req'd	Date Raised
Pi	Picton Light Industrial Area								
То	Total number of claims			28					
Cla	aims accep	pted & finalised	ł	28					
15. TCCCC F	inance						<u></u>		<u> </u>
15.1. The	TCCCC	bank balance i	s currently	\$36,120.86 statement	t end 30 E	December 2022.	NOTE		02/03/23
16. General E	Business								
 16.1. Review of TCCCC Annual Report – MM update draft to include DH feedback. Report accepted for submission. 16.2. New Tahmoor Colliery website went live on 6 December 2022 – www.tahmoorcolliery.com.au 16.3. MM closed the meeting. 						NOTE		02/03/23	
Meeting Closed	5.55pm	Next Meeting	Thursda	y 1 June 2023	Time	5:00pm	Location	ation Tahmoor Coal	