



Name	Role				
Attendees					
Michael Muston (MM)	Independent Chairperson				
James Johnson (JJ)	Community Representative				
Col Mitchell (CM)	Community Representative				
David Auchterlonie (DA)	Community Representative				
Bob Clayton (BC)	Community Representative				
David Henry (DH)	Wollondilly Shire Council Representative (online)				
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 (online)				
Thomas O'Brien (TO)	Tahmoor Coal Representative				
Nick Le Baut (NLB)	Tahmoor Coal Representative (online)				
Apologies					
Greg Kininmonth (GK)	Resources Regulator				
Robert Khan (RK)	Wollondilly Shire Council Representative				
Ana Gracanin (AG)	Community Representative				
Matthew Montgomery (MMt)	Subsidence Advisory NSW				
Ross Barber (RB)	Tahmoor Coal Representative				





Time		me	5.00pm to 6.40pm	Minute Tal	AB	
		ation ate	Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Who	When Req'd	Date Raised
1.	Welc	ome and In	troductions			
	1.1.		iston is the Independent Chairperson. He acknowledged the Traditional Owners on which we met and paid respects to their Elders, past and present.	NOTE		02/12/21
2.	Decla	arations of	nterest			
	2.1. 2.2.	Tahmoor C	by Tahmoor Coal. oal Apprentice Engagement Program purchase barbeque items from Khan Picton, which is owned and operated by RK.	NOTE		02/12/21
3.	Apol	ogies				
	3.1.	As per list a	above.	NOTE		02/12/21
4.	Conf	irmation of	Minutes of Previous Meeting			
	4.1.	NSW staff	quested by BC to section 7.7 – a community member asked about former SA working for Tahmoor Coal. <i>Action: AB to amend minutes and redistribute.</i>	AB	10/12/21	
	4.2.		on of Minutes from 2 September 2021 accepted with change made. sinutes to be added to the Tahmoor Website.	NOTE		02/12/21
5.	Busi	ness Arisin	g from Previous Minutes			
	5.1.	developme	requested a mine plan be distributed showing the Tahmoor South first working nt mining in relation to the mine site and surrounding properties. <i>AB emailed to members on 6 September 2021 – Completed and closed.</i>	CLOSED		
	5.2.	Committee Water Trea	asked do water quality limits change with the implementation of the Waste tment Plant? Tahmoor to provide a brief explanation of ANZECC Guidelines as limit next meeting – <i>included in meeting presentation.</i>	CLOSED		02/12/21
	5.3.	Committee	requested acronyms throughout presentation be spelt out in full to assist going completed and closed.	CLOSED		
6.	Corre	espondence	e - update as per the agenda			
	6.1. 6.2. 6.3. 6.4. 6.5. 6.6. 6.7. 6.8.	Western Do Q3 TCCCC Q3 Draft TC Q3 TCCCC Q3 TCCCC CMAP Sep Draft Air Q0 08/10/2021 Response	to Draft Air Quality & Greenhouse Gas Management Plan – Emailed by Ana	NOTE		02/12/21
	6.10. 6.11.	Henry 29/1	to Draft Air Quality & Greenhouse Gas Management Plan – Emailed by David			
7.	Com	mittee Mem	bers Reports			
	7.1.	David Auc	hterlonie	DA		02/12/21



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	cation Date	Conference Room 1 & Microsoft Teams Meeting 2 December 2021	Who	When Req'd	Date Raised
	• Doe Bar	 Tahmoor know about the tippers and trucks coming in and out of Kader Street go? PV advised that Tahmoor will investigate but unlikely related to mining operations. 	то	10/12/21	
7.2.	Col Mitche Nil	ell	СМ		02/12/2
7.3.	SIM Res rele Env • Loc elec noti	vided an update regarding the Thirlmere Lakes Research Program meeting which EC Mining representatives, Natalie Brumby and Tom O'Brien attended. The earchers to continue monitoring the hydrology of the lakes. A report is due to be assed in December or January from the Department of Planning, Industry & ironment (DPIE) Science Division. All council election being held on Saturday 4 December 2021. Following the extion results, a new council representative for the TCCCC will be selected and fication will be provided in early February 2022. Action: DH to notify MM and AB the new representative once known.	DH	11/02/22	02/12/2
7.4.	Robert Kh • Apo	an Ilogies	RK		02/12/2
7.5.	-	logies – sent message seeking an update on the Air Quality & Greenhouse Gas nagement Plan	AG		02/12/2
		 AB advised the feedback received on the plan was consolidated and the plan was submitted to Department of Planning, Industry & Environment (DPIE) for endorsement. Action: AB to email final version to AG 	АВ	03/12/21	
7.6.	James Jol • Nil	nnson	JJ		02/12/2
7.7.	Bob Clayto	on	BC		02/12/2





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Tin	me	-	5.00pm to 6.40pm				
Loca Da		Conference Room 1 & 2 Dec	Who	When Req'd	Date Raised		
8.2.	Funding for Authrough Credit Greensil. Wind Funding for the Major Fraud of Coal price – r \$315/t for Hard Iron ore prices slowed. Western Domain: Longwall West Start delayed Plans (TARPs) Excellent performed to Development conditions requested. Tahmoor South: Development r subsidence) Commenced congoing mining.	ery officially turned 40 on 23 istralian Mining and Primary Suisse Asset Management up application withdrawn we greater business ongoing fice investigation in UK – not ose to historical high above a Coking Coal (HCC) (Tahm have fallen, mainly driven but a 3 commenced on 14 September 14 September 15 of Managember 16 of Managember 16 of Managember 17 of Managember 18 of Main Gate West 4 (Mairing additional support. Mining ongoing in Tail Gate flevelopment mining in Main Gate West 4 (Mairing additional support.	NOTE		02/12/21		
9. Minin	g Operations Update	- Tahmoor South (presen	nted by April Hudson, Zina Ainsworth and An	nanda Baten	nan)	1	
Management Air Quality an Noise Manage Traffic Manag Water Manag Surface Wate Groundwater Biodiversity M Bushfire Manag Spontaneous Social Impact Rehabilitation Waste Manage	below. Plan Id Greenhouse Gas Id Management Plan Id Greenhouse Gas Id Management Plan Id Greenhouse Gas Id Greenhouse Ga	Required Approval Timing Prior to Construction Prior to Second Workings Prior to Second Workings Within 6 months of date of commencement of second workings 12 months from Regulations Update Only	Status Submitted to DPIE for endorsement Drafted, awaiting finalised Surface Water Management Plan HEC draft received, being reviewed by Tahmoor Submitted for agency comment Agency comments received, final draft in preparation Submitted for agency comment Drafted, awaiting Tahmoor comments Draft underway Agency comments received, final draft in preparation Draft underway Plan updated with Tahmoor South commitments 6A (LW S1A-S6A) Extraction Plan:	NOTE		02/12/21	





Time	5.00pm to 6.40pm	Minute Ta	AB	
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9.3. Tahmo • • • • • • • • • • • • • • • • • • •	Document preparation has commenced: Extraction Plan main document Water Management Plan Biodiversity Management Plan Land Management Plan Heritage Management Plan Built Features Management Plan Public Safety Management Plan Subsidence Monitoring Program MM asked if Picton Wier was within the Study Area and if it would be impacted. ZA responded that it was not, however in accordance with the precautionary approach, a management plan for this structure will be prepared as part of the Extraction Plan. For South Major Projects: Mine site entrance upgrade (commencing April 2022) Site noise mitigation works (to be completed by February 2024) Sewage Treatment Plant (to be completed by September 2022) Upgrade of air monitoring equipment Gas Plant upgrade Booster fan installation Extensive surface and groundwater monitoring Action: AB to arrange presentation from Project Manager at next meeting	АВ	03/03/22	
•	for South Business Property Subsidence Management Plans: 11 business/commercial properties have been identified in the A series longwalls requiring an individual Property Subsidence Management Plan (PSMP) Consultation meetings have commenced with business owners			
10. Mining Opera	ations Update - Western Domain (presented by April Hudson, Zina Ainsworth and A	manda Bate	man)	T
10.2. Subsid	Tahmoor Coal received Department of Planning, Industry & Environment (DPIE) approval for the commencement of LW W3 on Monday 13 September. LW W3 is currently at 645m at COB 30/11/21 and the northern end of Stonequarry Estate will be in the Active Subsidence Zone this week. Ience Monitoring Observations 407mm maximum observed incremental vertical subsidence at LW W3 centreline. LW W2 centerline monitoring data indicates observed subsidence to be less than 650mm predicted maximum incremental vertical subsidence. MM asked whether the predicted LW W2 maximum observed incremental vertical subsidence was the same as that for LW W3. AH responded that it was less than the predicted LW W3 amount, and the LW W2 measurements were less than predicted. In Domain - Environmental Latest Six-Monthly Subsidence Impact Report completed 15 November 2021. No observed subsidence-related impacts to surface water level and quality, pools, dams, ecology, cliffs, steep slopes, agricultural land, Aboriginal heritage. Surface water level: Level 3 TARP trigger for Pool CR14 in September 2021. Relatively small water level decline most likely related to prevailing below average rainfall conditions. Trigger resolved naturally.	NOTE		02/12/21



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• Gro • Gro • 10.4. Stonequar	roircial heritage: Rail sandstone culverts at 88.400 km and 88.980 km experienced cracking and spalling of sandstone blocks in the headwalls, culverts stable. Inspected by a heritage consultant at end of LW W2, Level 3 TARP trigger confirmed. Notification to Department of Planning, Industry & Environment (DPIE) on 21 September 2021. Advice being sought from heritage stonemason regarding remediation of the sandstone, to be completed after full effects of LW W3-W4 completed. undwater quality: 'Potential' Level 4 Trigger Action Response Plan (TARP) trigger at P13C for Lithium – result of variation in natural groundwater condition rather than mining. Trigger level revised. Level 3 TARP trigger for Strontium and Barium at 2 private groundwater bores – likely due to pumping operations or natural variation rather than mining. Ongoing monitoring. undwater level: Recovery from depressurization impacts from extraction of LW W1 and LW W2 noted in 4 shallow groundwater bores and 3 intakes in one deep groundwater bores – reduction in TARP trigger levels over last 6 months. Retained Level 4 TARP trigger at one intake in deep groundwater bore TNC036, however expected to reduce to Level 3 soon. Try Creek Rockbar ensive monitoring program: Real-time subsidence monitoring Manual surveying by two independent consultants Visual inspections Joint measurements Stress cell monitoring Inclinometer (monitoring underground movements) Groundwater monitoring	NOTE		02/12/21
10.5. Heritage R • Fina	Specialist Technical Committee Steering Committee Skbar fracture and actions taken: No impact to Aboriginal Heritage Axe Grinding Grooves No impact to pool water holding capacity Stopped Longwall West 3 mining (4 days non-operational) Thorough Technical Specialist Committee investigation Geotechnical engineering inspection Site inspection with Heritage Consultant and Registered Aboriginal Party (RAP) representative Increased frequency of monitoring and visual inspections Increased Specialist Technical Committee & Steering Committee meetings Recommended to recommence longwall at reduced extraction rates DH requested a summary of the Stonequarry Creek Rockbar monitoring report findings. Action: ZA to include for March meeting. Rail and Main Southern Rail Update at Far Field preparation works for LW W4 on the Main Southern Railway (MSR) the completed and commissioned by mid-December 2021.	ZA	03/03/22	



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Location Date	C	conference Room 1 & Microsoft Teams Meeting 2 December 2021	Who	When Req'd	Date Raised
	LW W3 has passed l LW W3 is running pa				
11. Environment	: Update (presented				
	nmental Incidents There were no Envir	onmental Incidents reported since the previous meeting.			
_	Month				
	September 2021	Environmental Incidents 0	NOTE		02/12/21
I —	October 2021	0			
	November 2021	0			
L					
	unity Complaints				
		nunity complaint reported since the previous meeting.			
	Month	Community Complaints	NOTE		02/12/21
<u> </u>	September 2021	1			
	October 2021 November 2021	0			
L	November 2021				
		Is continue to be well below EPA target levels of 4mg/m ² per	NOTE		02/12/21
•	MM asked if the new of the Waste Water T committee noted that graphs, but it will der	edances since the last meeting. If parameters that come into effect following the implementation are at these new parameters will likely reflect as exceeded on the monstrate the new limits Tahmoor is working towards.	NOTE	02/02/02	02/12/21
	Action: NB forward.	to include the new parameter line on the LDP1 graphs going	NB	03/03/22	
11.5. Waste	Water Treatment P	ant			
•	Reverse Osmosis (Environment Conse Protection Licence (I Pilot plant began qua Trials due for comple Pilot plant performin from: Nitrogen levels upgrades will fu	NOTE		02/12/21	
12. Myrtle and R	edbank Creek Rem	ediation Plan Update (presented by Nick Le Baut)			
12.1. Remed	iation Works Sched				





Tir	me		5.00pm to	6.40pm			Minute Ta	ker	АВ
	ation (Conference Room 1 & Microsoft Teams Meeting 2 December 2021					Who	When Req'd	Date Raised
		Schedule	Completed	In Progress	Remaining		NOTE		02/12/21
	Myrtle Creek – Pools	7 Pools	3	3	1				<i>52,</i> 12, 21
	Redbank Creek – Pools	15 Pools	11	1	3				
	Redbank Creek - Rock Bars	6 Rock Bars	2	1	3				
12.3. 12.4.	Schedule approved Works to be complex Redbank Creek per Redbank Creek per Myrtle Creek Pool 18: Remediation strategous 32m curtain was (PUR). Two stage productions of the following of the following constraints of the f	sted by August schedule. gy: all to a depth of the cess including properties of the cess including properties of the cess including the cess including properties of the cess including the cess including properties of the cess incl	of 6m below of 6m below of g shallow curled to assess the following rain completion of 18m.	creek level us tain wall to 2r owing complete effectiveness events) f Stage 2 remitoring to assore completed. Ince completed. Ince completic itoring. Incitat from remitereference site	sing Polyuret in and deepe etion of Stage is of the reme inediation. ess effectives an of remedia inediation wor es not impact	hane Resin r curtain to e 2 (6m ediation ness of tion in ks due to the ed by	NOTE		02/12/21
	 Four stage process including shallow curtain wall to 2m and deeper curtain in 6m increments. Expected completion end of December 2021. 								
	 Progress: Stage 1 (2m) c Stage 2 (6m) c Stage 3 (12m) Stage 4 (18m) Improvement in 	ompleted completed in progress	g capacity ho	wever more r	nonitoring da	ıta required			
	RB6 Modelling – ad Assess the pot RB6.	ditional tool:				·			



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12.6. Redba	Added tool to increase visibility by running different remediation scenario. Model can be recalibrated using monitoring data to increase confidence. Assist in revising remediation strategy at RB6 following review of monitoring data. Ank Creek Rock Bar 19 and 26: Spring aquatic monitoring survey completed (awaiting report) Ground water and surface water monitoring ongoing Further recession analysis required to confirm the effectiveness of the remediation strategy			
• 12.7. Future • •	Creek flowing over recent rain events			
13. Community	Update (Presented by Amanda Bateman)			
13.1. Comm •	Cancer Council – Shitbox Rally 2022 - provided a grant of \$500 for the Roadrunner Team competing in the rally from Wollongong to Mackay via Innamincka in a car worth less than \$1,000. This rally aims to raise \$2.5M for Cancer Council research projects. Wollondilly Women in Excellence Awards 2022 - sponsored \$1,250 for the Wollondilly Women in Excellence Awards scheduled for March 2022. Great Cycle Challenge – Riding to fight kids cancer - provided a grant of \$1,035 for the Awesome Kids4Kids Team riding 500kms to raise funds for the Children's Medical Research Institute. Wollondilly Community Links Christmas Hampers - provided a grant of \$5,000 for the Community Links Christmas Hampers distributed to Wollondilly vulnerable families. Cancer Council – Walk for Sheree - provided a grant of \$1,000 for the 'Walk for Sheree' Cancer Council walks taking place in Picton and Wollongong in December 2021 in memory of an employee's late wife. One Stop Community Assistance (OSCA) – Christmas Hampers - a grant of \$5,000 for OSCA to purchase Christmas Hampers for Wollondilly vulnerable families and residents still recovering from the Green Wattle Creek bushfire.	NOTE		02/09/21
13.2. Comm • • •	Western Domain Newsletter 4 Western Domain Newsletter 4 issued to residents in November 2021 LW W3 commenced 14 September 2021 Western Domain Newsletter 5 to be distributed mid-December 2021 Some property claim assessments from LW W1 will commence early in 2022.	NOTE		02/12/21
14. Subsidence	Advisory NSW Update			



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Location Conf Date				onfere	erence Room 1 & Microsoft Teams Meeting 2 December 2021			Who	When Req'd	Date Raised	
14.1.	14.1. Residential Claim Status										
	Resider Status	Residential Claim Active mining claims Status (TC)									
	Total number of open claims			ns	23						
	Prelimina	ary a	ssessment		1						
	Claims or	n hol	d		18						
	Reviewr	eque	ested		1						
	Land & E Appeal (I		onment Court ;)		2				NOTE		02/12/21
	Determin	natio	n issued		1						
14.2.	Picton Inc	lusti	rial Area								
	Picton L	ight	Industrial A	Area							
	Total num	ber o	of claims		28						
	Reviewre	ques	ted		4						
	Claims acc	epte	d		24						
15. TCC	CC Finance)									
15.1.	The TCCC	C ba	ank balance i	s curre	ntly \$29,902.37, state	ement en	nd 30 S	September 2021.	NOTE		02/12/21
16. Gene	eral Busine	ss									
16.1.	MM to drain meeting.	ft TC	CCC Annual	Report	with the aim to table	the draf	t at th	e March 2022	MM	03/03/22	
16.2.	· ·								ALL	03/03/22	
16.3. 16.4.	this for tabling at the March 2022 meeting. 3. AB advised the committee that the apprentices will be bracing the culturally significant scar tree at Thirlmere Lakes on 7 December 2021. 4. MM closed the meeting.										02/12/21
Meeting Closed	6:40 pi	m I	Next Meeting	Thurs	sday 3 March 2022	Ti	ime	5:00pm	Location	Conference	ee Room 1