

**Tahmoor Colliery Community Consultative Committee
Minutes of Meeting
6 December 2018**



Name	Role
Attendees	
Michael Muston (MM)	Independent Chairperson
David Auchterlonie (DA)	Community Representative
David Henry (DH)	Wollondilly Shire Council Representative
Julie Sheppard (JS)	Environmental Group Representative
Ron Bush (RB)	Tahmoor Coking Coal Operations Representative
Peter Vale (PV)	Tahmoor Coking Coal Operations Representative
Col Mitchell (CM)	Community Representative
Virginia Fairley (VF)	Community Representative
Invitees	
Fiona Robinson (FR)	Tahmoor Coking Coal Operations
Sam Beresford (SB)	Tahmoor Coking Coal Operations
Apologies	
Zina Ainsworth (VA)	Subsidence Advisory NSW
Greg Kininmonth (GK)	Department of Industry, Division of Resource and Energy, Wollongong
Robert Khan (RK)	Wollondilly Shire Council Representative
Belinda Clayton (BC)	Tahmoor Coking Coal Operations Representative

SIMEC Mining

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Time Location Date	5.00pm to 6.45pm Vaby's Restaurant 6 December 2018	Minute Taker		SB
		Who	When Req'd	Date Raised
1. Welcome and Introductions				
1.1.	Michael Muston is the Independent Chairperson. He would like to acknowledge the Traditional Owners of the land on which we are meeting and pay respects to their Elders, past and present.	NOTE		6/12/18
2. Declarations of Interest				
2.1.	Michael Muston is paid by Tahmoor Coal.	NOTE		6/12/18
2.2.	VF is a member of the Shafted action group.			
2.3.	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		6/12/18
4. Confirmation of Minutes of Previous Meeting				
4.1.	Confirmation of Minutes from the 13 September 2018 accepted	NOTE		6/12/18
5. Business Arising from Previous Minutes				
5.1.	Review of previous actions as per the minutes.	NOTE		6/12/18
6. Correspondence				
6.1.	<i>Tahmoor South Newsletter</i> - Emailed to members by Samantha Beresford on 24 October 2018.	NOTE		6/12/18
6.2.	<i>Tahmoor North October Newsletter</i> - Emailed to members by Samantha Beresford on 24 October 2018.			
6.3.	<i>Notice for Tahmoor Coal weekend rail shut down works (10-11 Nov)</i> - Emailed to members by Samantha Beresford on 9 November 2018.			
6.4.	<i>Underground coal mining and subsidence, channel fracturing and water pollution: a five-year investigation (Morris, Reynolds and Wright)</i> - Emailed to members by Samantha Beresford on 22 November 2018.			
7. Committee Members Reports				
7.1.	David Auchterlonie No Updated	NOTE		6/12/18
7.2.	Julie Sheppard No update	NOTE		6/12/18
7.3.	Col Mitchel No update	NOTE		6/12/18
7.4.	David Henry See actions and notes below	NOTE		6/12/18
7.5.	Ian Wright gave a presentation to Wollondilly Council Regarding his research into Redbank Creek. David Henry to send a copy of the presentation to the committee members	NOTE	31/10/18	Completed
7.6.	David Henry spoke about the Thirlmere Lakes working group and that they are currently working on an action plan that will be finalized at the next meeting.	NOTE		6/12/18

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7.7. Virginia Fairley No update		NOTE		6/12/18
8. Mining Operations Update				
8.1. Tahmoor Underground Update Longwall 31 (LW31)				
<ul style="list-style-type: none"> LW31 was completed on 17 August 2018. Longwall mined directly under Picton Industrial Area – Subsidence impacts evident – within predicted range. 				
Longwall 32 (LW32)				
<ul style="list-style-type: none"> LW32 commencement 30 October 2018. LW32 approx. 2,440m. HRA Notification was completed on the 8 June 2018 Subsidence Approval issued 19 September 2018 		NOTE		6/12/18
REA Expansion				
<ul style="list-style-type: none"> Construction is complete Operational during December 2018 				
8.2. Tahmoor North LW32 & Western Domain Permitting and Approvals – LW32 Modification 4				
<ul style="list-style-type: none"> IPC determination – 15 October 2018 Modification 4 Consolidated Conditions of Consent – issued 15 October 2018 				
Western Domain				
Longwalls 33 to 35 (<i>Longwall naming convention may change in future</i>)				
<ul style="list-style-type: none"> Three Longwalls (LW33 to 35) proposed Extraction time frame 2019 to 2021 Extraction Plan secondary approval 				6/12/18
Longwalls 36 & 37				
<ul style="list-style-type: none"> Investigating two additional Longwalls (LW36 & 37) Potentially 1 to 2 years additional extraction time frame Extraction Plan secondary approval 				

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8.3. Tahmoor South Project Update				
<p>Overview: Key Project components</p> <ul style="list-style-type: none"> • Brownfield Metallurgical Coal Project • Leverages significantly the existing Tahmoor mine site infrastructure • Continued support of the local community • Ongoing employment for ~390 people, with additional ~175 people during construction • Life of mine extension from 2022 to 2035 • Future opportunity to further extend life of mine through Eastern Domain and / or Southern Domain <p>Details: Key project Components:</p> <ul style="list-style-type: none"> • Longwall mining in the central domain • Commencement after completion of Tahmoor North longwalls • Extraction of up to 4 Mt of ROM coal per annum • Mine development, including underground redevelopment, pre-gas drainage and service connection • Expansion of the REA required • Minor upgrades to existing surface facilities • Continued rail transport of product coal to Port Kembla and Newcastle (from time to time) • Up to 200,00 tpa of product and/or reject transport by road trucks (max 8 trucks per hour) <p>Mine Plan:</p> <ul style="list-style-type: none"> • Two Fault zones within the Tahmoor South area that define the Central Domain <ul style="list-style-type: none"> ○ The Nepean Fault to the east ○ The Central Fault to the west • Utilises existing roadways in old workings <ul style="list-style-type: none"> ○ Four roadways from 500 panel ○ Two roadways from 106 panel <p>Project Impacts: Summary of impacts addressed in the EIS:</p> <ul style="list-style-type: none"> • Subsidence - managed via property and infrastructure SMPs, based on long history of successful subsidence management • Groundwater - model calibrated using HOF data from over previous longwalls to show no significant depressurisation from productive Hawkesbury Sandstone • Surface water – project area limited to un-mining 1st order streams only • Aboriginal Cultural Heritage – project area limited to avoid significant Aboriginal rock shelters with art • European Heritage - managed via specific Property SMPs • Ecology – some clearing required for REA expansion and new ventilation shaft site with comprehensive biodiversity offset plan proposed • Noise – significant noise improvement proposed during night time period via proposed PRP incorporating additional engineering controls • Air Quality – continued management via EPL • Agricultural – no BSAL identified within Project Area • Social & Economic – continued employment, economic contributions to local & regional economy and enhanced environmental management 	NOTE		6/12/18	

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<p>Tahmoor South Project – Consultation</p> <ul style="list-style-type: none"> Community Information Session <ul style="list-style-type: none"> 4 September 2018 30 October 2018 Next Community Information Session to be held in February 2019 Tahmoor South Newsletter #7 & Newsletter #8 <ul style="list-style-type: none"> Distributed to 3500 people in the TS project area Next Newsletter will be distributed in January 2019 <p>SIA Consultation</p> <p>Community Stands</p> <ul style="list-style-type: none"> 4 Days at various locations including <ul style="list-style-type: none"> Tahmoor Town Centre Bargo IGA Community Pantry Informed community about the Tahmoor South Project Spoken with over 100 people during these days Gained feedback on the project 		NOTE		6/12/18								
9. Environment Update												
<p>9.1. Environmental Incidents</p> <p>There were no Environmental Incidents reported since the previous meeting.</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Environmental Incidents</th> </tr> </thead> <tbody> <tr> <td>September 2018</td> <td>Nil</td> </tr> <tr> <td>October 2018</td> <td>Nil</td> </tr> <tr> <td>November 2018</td> <td>Nil</td> </tr> </tbody> </table>		Month	Environmental Incidents	September 2018	Nil	October 2018	Nil	November 2018	Nil	NOTE		6/12/18
Month	Environmental Incidents											
September 2018	Nil											
October 2018	Nil											
November 2018	Nil											
<p>9.2. Community Complaints</p> <p>There were 4 community complaints reported since the previous meeting.</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Community Complaints</th> </tr> </thead> <tbody> <tr> <td>September 2018</td> <td>No complaints recieved</td> </tr> <tr> <td>October 2018</td> <td>2</td> </tr> <tr> <td>November 2018</td> <td>2</td> </tr> </tbody> </table>		Month	Community Complaints	September 2018	No complaints recieved	October 2018	2	November 2018	2	NOTE		6/12/18
Month	Community Complaints											
September 2018	No complaints recieved											
October 2018	2											
November 2018	2											
<p>9.3. Depositional Dust</p> <p>Deposited dust levels continue to be well below EPA target levels of 4mg/m² per month.</p>		NOTE		6/12/18								
<p>9.4. Water – License Discharge Point 1</p> <p>There were nil exceedances since the last meeting</p>		NOTE		6/12/18								

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9.5. Waste Water Treatment Plant				
<ul style="list-style-type: none"> Minetek commissioning phase ongoing after completing modification works to the WWTP WWTP not providing consistent water quality results Additional process modifications have been made including the introduction of Powdered Activated Carbon (PAC) and a different type of Granulated Activated Carbon (GAC) PRP 22 report date was due 30 November but unable to be signed off due to lack of consistent water quality performance results. <p>Actions</p> <ul style="list-style-type: none"> Discussions with EPA regarding extension of Stage 2 Process reviews by GHD and Nalco Ecowater Potential for Stage 3 plant process works 		NOTE		6/12/18
10. Subsidence Update				
10.1. Myrtle Creek Remediation-				
<ul style="list-style-type: none"> Approvals to complete work –Fisheries Permit & Erosion and Sediment Control Plan Photogrammetry program being completed - high resolution 3D model of pools Drilling program scheduled to commence February 2019 – 12 drill sites for characterisation Pool 23 rehabilitation scheduled to commence March 2019 		FR		6/12/18
10.2. Redbank Creek				
<ul style="list-style-type: none"> Completed drilling at 3 locations for LW32 monitoring Also completed characterisation at these locations <ul style="list-style-type: none"> camera calliper packer testing CMAP due for submission 31 December 2018 <p>Underground coal mining and subsidence, channel fracturing and water pollution: a five-year investigation: Key Points</p> <ul style="list-style-type: none"> Underground coal mining triggered subsidence and sever fracturing of bedrock stream channels Flow was lost in some fractured section and was gained from upwelling groundwater in others. Subsidence fracturing was clearly linked to major changes in steam water quality. Salinity increased in fractured sections from c.250 µs/cm (upstream) to 400 – 1800 µs/cm. Metal concentrations (iron, manganese, zinc, nickel, strontium, barium and lithium) in the fractured zone increased sharply. Zinc and nickel were often at concentrations hazardous to aquatic ecosystems. Very low dissolved oxygen was often associated with upwelling ground water that emerged through stream channel fractures. Mosquitos were the most abundant macroinvertebrate at two subsidence-affected sites. Future rehabilitation of the fractured waterway channel will be very challenging. 		FR/RB		6/12/18

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10.3. Rail Subsidence Management update <ul style="list-style-type: none"> LW31 is complete and there were not major track issues during mining. ARTC shutdown completed September 1st and 2nd. Work Included; <ul style="list-style-type: none"> Removal of LW31 track switched Tamping to Remove subsidence impact and improve track condition LW32 does not go beneath track until April 2019. 			NOTE	6/12/18
10.4. Picton Industrial Area Tahmoor Coal has currently completed monitoring the Picton Industrial Area properties within the 20mm Subsidence Line for LW31. Minor impacts such as concrete cracking and gates not closing has been seen to date. Minor repair works have been completed to ensure all properties are safe and serviceable during active mining. Ongoing engagement and consultation is occurring with the effected businesses. Completed Tahmoor Coal is currently preparing Property Subsidence Management Plans for properties within the 20mm Subsidence Line for LW32.			NOTE	6/12/18
11. Community Update				
11.1. Community Investment – Key Partnerships include <ul style="list-style-type: none"> Tahmoor Uniting Men's shed – Community BBQ IlluminARTe Festival 2018 Wollondilly Women in Business Design an Ad Dementia Café Thirlmere Festival of Steam Wollondilly Riding for the Disabled Local Schools Community Pantry 			NOTE	6/12/18
11.2. Tahmoor North - Consultation Community Information Session <ul style="list-style-type: none"> 20 September 2018 Wollondilly Leisure Centre Update for LW32 Currently being advertised in local newspapers and notice boards Longwall 32 Resident Information Pack <ul style="list-style-type: none"> Distributed to all potentially affected residents in the LW32 20mm subsidence area Contains information on obtaining a pre-mining inspection. 			NOTE	6/12/18
12. Subsidence Advisory NSW Update				

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12.1. Subsidence Advisory NSW Update – Summary of Claims							
Subsidence Advisory NSW Update	Claims managed under former Act (pre-2018)	Non-Active mining claims (managed under new Act)	Active mining claims assigned to colliery (managed under new Act)				
Preliminary assessment	0	0	0				
On hold – active subsidence	2	0	1				
On hold – survey monitoring	1	1	0				
Under investigation	1	16	0				
Determination issued to claimant	11	18	0				
Claimant review requested	5	6	0				
Escalated to DFSI Secretary review	0	6	0				
Compensation Accepted	5	2	0				
Repairs being project managed	3	2	0				
Total open claims	28	51	1				
Claims finalised since January 2018	49	40	2				
				NOTE			6/12/18
13. TCCCC Finance							
13.1. The TCCCC bank balance is currently \$24,375.87				NOTE			6/12/18
14. General Business							
<p>14.1. Membership of the Community Consultative Committee Robert Khan has been approached on occasions about the fact the Community representative members on this committee are not rotated and it appears to be a job for life. It has been suggested that the members be chosen for a fixed term on a staggered rotational term of maybe two years and then fresh ideas and concerns can be raised Advertisement for new community committee members- August to September MM advised that there were no application received for the recent advisement of a position for a community member for the TCCCC. SB did talk to a couple of community member in Bargo that maybe interested. SB ask the committee if they had any objections to SB inviting them as observers to the next meeting- <i>No issues raised.</i></p>				MM	6/9/18	Completed 7/6/18	
<p>14.2. Committee asked for Sandra Potter to be invited to the Dinner after the next meeting. SB will contact Sandra and invite her to attend.</p>				SB	6/12/18	Completed 13/9/18	
<p>14.3. MM provided the members with a copy Declaration and Code of Conduct forms that need to be signed by TCCCC members.</p>				NOTE		6/12/18	
Meeting Closed	6:45pm	Next Meeting	Thursday 14 March 2018	Time	5:00pm	Location	Vaby's Restaurant