



Name	Role
<b>Attendees</b>	
Michael Muston (MM)	Independent Chairperson
David Auchterlonie (DA)	Community Representative
David Henry (DH)	Wollondilly Shire Council Representative
Fiona Robinson (FR)	Tahmoor Coking Coal Operations Representative
Col Mitchell (CM)	Community Representative
Virginia Fairley (VF)	Community Representative
Ana Gracanin (AG)	Community Representative
Bob Clayton (BC)	Community Representative
Robert Khan (RK)	Wollondilly Shire Council Representative
<b>Invitees</b>	
David Talbert (DT)	Tahmoor Coking Coal Operations
Andrew Stuart (AS)	Tahmoor Coking Coal Operations
James Johnson	Community Observer
Amanda Francis (AF)	Subsidence Advisory NSW
Matt Montgomery (MMt)	Subsidence Advisory NSW
Charlie Wheatley	Tahmoor Coking Coal Operations
Rosanne Moore (RM)	Tahmoor Coking Coal Operations
Julie Sheppard (JS)	Environmental Group Observer
<b>Apologies</b>	
Col Mitchell (CM)	Community Representative
Greg Kininmonth (GK)	Resources Regulator
Peter Vale (PV)	Tahmoor Coking Coal Operations Representative
April Hudson (AH)	Tahmoor Coking Coal Operations



Time Location Date	5.00pm to 7pm Tahmoor Coking Coal Operations 5 September 2019	Minute Taker		FR
		Who	When Req'd	Date Raised
<b>1. Welcome and Introductions</b>				
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		05/09/19
<b>2. Declarations of Interest</b>				
2.1.	Michael Muston is paid by Tahmoor Coal.	NOTE		05/09/19
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.			
<b>3. Apologies</b>				
3.1.	As per list above.	NOTE		05/09/19
<b>4. Confirmation of Minutes of Previous Meeting</b>				
4.1.	Confirmation of Minutes from the 6 June 2019 accepted	NOTE		05/09/19
<b>5. Business Arising from Previous Minutes</b>				
5.1.	Review of previous actions as per the minutes.	NOTE		05/09/19
<b>6. Correspondence- update as per the agenda</b>				
6.1.	<i>Michael Neville- Engineering Emergency Management, NSW Public Works Advisory</i> – Emailed to Zina Ainsworth SA NSW by Sam Beresford <b>12 June 2019</b>	NOTE		05/09/19
6.2.	<i>NSW Public Works Advisory- Door Knocking in the Tahmoor Area</i> - Emailed to members by Samantha Beresford <b>21 June 2019</b>			
6.3.	<i>Sam Beresford Leaving</i> - Emailed to members by Samantha Beresford <b>16 July 2019</b>			
6.4.	<i>2018 TCCCC Nomination Form James Johnson follow up</i> – Emailed to Michael Muston by Samantha Beresford <b>16 July 2019</b>			
6.5.	<i>Outcomes of last T4C meeting re Redbank Creek</i> – Email from David Henry to Fiona Robinson <b>16 August 2019</b>			
6.6.	<i>TCCCC Q3 Meeting</i> – Emailed to members from Amanda Fitzgerald <b>20 August 2019</b>			
6.7.	<i>TCCCC Q2 Meeting Minutes and Q3 Meeting</i> – Emailed to members from Amanda Fitzgerald <b>20 August 2019</b>			
6.8.	<i>TCCCC Q2 Meeting Minutes and Q3 Meeting</i> – Ian Wright – David Henry emailed Amanda Fitzgerald <b>20 August 2019</b>			
6.9.	<i>Donation to Camden Palliative Care Unit in Memory of Sandra Potter - Thank you Letter and Receipt</i> – Emailed to members from Amanda Fitzgerald <b>20 August 2019</b>			
6.10.	<i>TCCCC Q3 Meeting – AGENDA</i> – Emailed to members from Amanda Fitzgerald <b>2 September 2019</b>			
6.11.	<i>Bank account signatories</i> – Email received from Michael Muston to Fiona Robinson & Amanda Fitzgerald <b>4 September 2019</b>			
<b>7. Dr Ian Wright Presentation</b>				
7.1.	Ian Wright presented to the committee for the ecological health of waterways	NOTE		05/09/19



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7.2.	T4C to decide if funding will be granted next meeting	DH		05/09/19
7.3.	DH to gain copy of Dr Ian Wrights presentation and distribute to committee			
<b>8. Committee Members Reports</b>				
8.1.	<b>David Auchterlonie</b> Bargo Lease - Trespassing on Bargo Lease FR to talk to security – Completed	FR	<b>Completed</b>	05/09/19
8.2.	<b>Ana Gracanin</b> No Update	NOTE		05/09/19
8.3.	<b>Col Mitchell</b> No Update – Apology	NOTE		05/09/19
8.4.	DH and RB to raise the concerns expressed by CM at the next DARZYL meeting. DH and RB also to discuss at the meeting whether a definitive statement could be generated that is then provided to the community as clarity and consultation on the issues. DH and RB to report back to The TCCCC on the discussion at the meeting.	RB/DH		06/06/19
8.5.	<b>Bob Clayton</b> No Update	NOTE		05/09/19
8.6.	<b>David Henry</b> notes below	NOTE		06/06/19
8.7.	DH discussed proposal for the TCCCC to support research by Dr Ian Wright.  RB and FR to meet with Council and Ian Wright to discuss proposal. Completed meeting held 4/7/19. To be considered at the next meeting.	NOTE	<b>Complete</b>	06/06/19
8.8.	DH asked Dr Ian Wright if he would like to attend the next meeting and provide the members with a presentation on his study.	NOTE	<b>Complete</b>	06/06/19
8.9.	DH advised of concerns from Western Domain Impacts on Picton STP	NOTE		05/09/19
8.10.	<b>Virginia Fairley</b> No update	NOTE		05/09/19
8.11.	<b>Robert Khan</b> No Update	NOTE		05/09/19
<b>9. Mining Operations Update</b>				



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<p><b>9.1. Tahmoor Underground Update</b>  <b>Longwall 32 (LW32)</b></p> <ul style="list-style-type: none"> <li>• LW32 commencement 30 October 2018.</li> <li>• LW32 approx. 2,440m.</li> <li>• Currently at 2300m as of 3 September 2019</li> </ul> <p>Event Notification of impacts regarding the mining of LW32 include:</p> <ul style="list-style-type: none"> <li>• Compression Hump Remembrance Drive               <ul style="list-style-type: none"> <li>◦ Impacts reported to Tahmoor Coal on 2 Jan 2019</li> <li>◦ Mitigation repair works to the road have been completed on 7 Feb 2019</li> </ul> </li> <li>• Impacts to a residential property</li> <li>• Leak- Sydney Water Pipeline               <ul style="list-style-type: none"> <li>◦ Impacts reported to Tahmoor Coal on 8 Feb 2019</li> <li>◦ Repairs to pipe completed on 9 Feb 2019</li> </ul> </li> <li>• Impacts to His House Church               <ul style="list-style-type: none"> <li>◦ Impacts reported to Tahmoor Coal on 15 August 2019</li> <li>◦ Repairs to be made once subsidence ceases</li> </ul> </li> <li>• Rail subsidence Impact at 90.1Km</li> </ul>			05/09/19	
<p><b>9.2. Western Domain update</b>  <b>Extraction Plan for – LW W1 to LW W2 update</b></p> <ul style="list-style-type: none"> <li>• LW W1-W2 Extraction Plan submitted to DPIE in July 2019.</li> <li>• Awaiting approval to mine (LW W1 anticipated to start mining mid October 2019).</li> <li>• Completing Infrastructure Management Plans and AHIP application.</li> </ul> <p><b>LW W1-W2 Monitoring Preparation:</b></p> <ul style="list-style-type: none"> <li>• Currently completing pre-mining survey and installing survey marks to monitor mining.</li> </ul> <p><b>Future Approvals:</b></p> <ul style="list-style-type: none"> <li>• Modification 5 for DA 67/98.</li> <li>• Extraction Plan for LW W3-W4.</li> </ul> <p><b>Community Consultation:</b></p> <ul style="list-style-type: none"> <li>• Second information pack sent to residents in western domain.</li> <li>• Community Information Day completed 13 June at Picton Bowling Club.</li> <li>• Another Community Information Day schedule for 17 October 2019.</li> </ul> <p><b>Property Management:</b></p> <ul style="list-style-type: none"> <li>• PMIs / Hazard Inspections being completed for properties that have requested one.</li> <li>• Land Access Agreements and placement of survey pegs around all properties in Study Area.</li> </ul>			5/9/19	



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<p><b>9.3. Tahmoor South Project Summary</b>            CW provided the members with an overview of the key project components.</p> <ul style="list-style-type: none"> <li>• Commencement after completion of Tahmoor North longwalls in 2022</li> <li>• Mine extension for 13 years to 2035</li> <li>• Longwall mining in the central domain</li> <li>• Extraction of up to 4 Mt of ROM coal per annum</li> <li>• Mine development, including underground redevelopment, pre-gas drainage and service connection</li> <li>• Expansion of the REA</li> <li>• Limited upgrades to existing surface facilities</li> <li>• Continued rail transport of product coal to Port Kembla</li> </ul> <p><b>Tahmoor South: Public Hearing</b></p> <ul style="list-style-type: none"> <li>• Public Hearings scheduled for Thursday 18 July 2019 postponed until late 2019 (November at latest)</li> <li>• Why? To allow time for responses to submissions to be incorporated into an Amended Project Report for public to review before the public hearings</li> <li>• Amended Project Report will aim to address public concerns and feature improved environmental outcomes that those proposed in the EIS</li> </ul> <p><b>Tahmoor South: Response to Submission</b>            Currently preparing the Response to Submissions and Amended Project Report. The following improvements are currently under review:</p> <ul style="list-style-type: none"> <li>• Further revision to Mine Plan with a reduction in longwall width and height to reduce subsidence impacts</li> <li>• Revision of Reject Emplacement Area design to reduce environmental impacts</li> </ul>			NOTE	5/9/19								
<b>10. Environment Update</b>												
<p><b>10.1. Environmental Incidents</b> – There was one (1) Environmental Incident reported since the previous meeting.</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Environmental Incidents</th> </tr> </thead> <tbody> <tr> <td>June 2019</td> <td>Nil</td> </tr> <tr> <td>July 2019</td> <td>Nil</td> </tr> <tr> <td>August 2019</td> <td>Nil</td> </tr> </tbody> </table>	Month	Environmental Incidents	June 2019	Nil	July 2019	Nil	August 2019	Nil			NOTE	5/9/19
Month	Environmental Incidents											
June 2019	Nil											
July 2019	Nil											
August 2019	Nil											
<p><b>10.2. Community Complaints</b>            There were three (3) 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>June 2019</td> <td>No complaints received</td> </tr> <tr> <td>July 2019</td> <td>No complaints received</td> </tr> <tr> <td>August 2019</td> <td>1 parking on private property</td> </tr> </tbody> </table>	Month	Community Complaints	June 2019	No complaints received	July 2019	No complaints received	August 2019	1 parking on private property			NOTE	5/9/19
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<b>10.3. Depositional Dust</b> Deposited dust levels continue to be well below EPA target levels of 4mg/m <sup>2</sup> per month.		NOTE		5/9/19
<b>10.4. Water – License Discharge Point 1</b> There were nil exceedances since the last meeting		NOTE		5/9/19
<b>10.5. Waste Water Treatment Plant</b> <ul style="list-style-type: none"> <li>• Investigations by water treatment suppliers into non-RO water treatment solutions have not been able to provide solution that provides required output water specifications for Zn, Ni and As</li> <li>• RO solution being developed</li> <li>• GHD engaged to prepare performance specification for tender and brine disposal options- expected delivery later this month.</li> <li>• Tender aiming for Q4</li> <li>• Plant required to treat up to 6 megalitres per day</li> </ul>		NOTE		5/9/19
<b>11. Subsidence Update</b>				
<b>11.1. Myrtle Creek Remediation</b> <ul style="list-style-type: none"> <li>• Mapping, surveying and photogrammetry of Myrtle Creek completed to help identify suitable pools for rehabilitation and enable accurate volume estimation of each individual pool and rock bar overflow points. This includes:               <ul style="list-style-type: none"> <li>○ LiDAR;</li> <li>○ 3d CAD modelling</li> <li>○ Stream centre line survey</li> <li>○ Pool Mapping Manual</li> </ul> </li> <li>• Characterisation drilling along banks of Myrtle Creek continuing to identify the fracture network and help plan rehabilitation works</li> </ul>		NOTE		5/9/19
<b>11.2. Myrtle Creek - Pool 23 Works</b> <ul style="list-style-type: none"> <li>• Remediation of a rock bar at Pool 23 using polyurethane injection to create a grouted curtain wall to force water to flow on the surface and help the pool retain water.               <ul style="list-style-type: none"> <li>○ This method has been used successfully at Waratah Rivulet</li> </ul> </li> <li>• Pointe Engineering (Snowy Hydro and Waratah Rivulet) have been selected as the Contractor. Works have commenced.</li> <li>• Dr Ken Mills (SCT) are managing geotechnical aspects of the project.</li> <li>• Project expected to be completed in December 2019.</li> <li>• Success will be measured by determining recession rate of water prior to and after remediation.</li> </ul>		NOTE		5/9/19
<b>11.3. Redbank Creek Remediation</b> <ul style="list-style-type: none"> <li>• LiDAR complete;</li> <li>• Stream centreline survey complete;</li> <li>• Sites for high-resolution 3D CAD Model (point cloud) stream and photogrammetry scheduled for late September.</li> <li>• A "Pool Mapping Manual" for Redbank Creek for individual pools being developed.</li> </ul>		NOTE		5/9/19



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<b>11.4. Rail Subsidence Management update</b> <ul style="list-style-type: none"> <li>LW32 has passed beneath the track is moving away.</li> <li>Minor track issues at 90.1km, track remediation being progressively completed with major track tamping to be carried out during next rail track possession.</li> <li>Tahmoor Coking Coal are progressively removing redundant equipment and monitoring systems from the track</li> </ul>			NOTE	5/9/19
<b>11.5. Heritage Rail Update (Western Domain)</b> <ul style="list-style-type: none"> <li>Deveg and clearing of culverts mostly complete.</li> <li>Structural engineer completed review of structures.</li> <li>Access agreements with Heritage Rail and RailCorp currently being finalized.</li> <li>Train movements are typically 3- 5 times per week.</li> </ul>			NOTE	5/9/19
<b>11.6. Picton Industrial Area</b> <ul style="list-style-type: none"> <li>Tahmoor has moved away from Henry street properties and is currently passing beneath Bridge st.</li> <li>Woodrow Kilns, Tolpark, JDR and His House experiencing minor subsidence impacts. His House indoor soccer court carpet bumps repaired.</li> </ul>			NOTE	5/9/19
<b>11.7. Picton High School update</b> <ul style="list-style-type: none"> <li>All Monitoring has now ceased</li> <li>Survey to be completed at the end of Oct 19, review to follow</li> <li>Total Subsidence minimal at 12mm</li> </ul>			NOTE	5/9/19
<b>12. Community Update</b>				
<b>12.1. Community Investment – The Community Pantry – FiSHiN Weekend</b>  Tahmoor Coal's sponsorship has helped the not for profit organization with the following: <ul style="list-style-type: none"> <li>Supply of the fish for the event</li> <li>All money raised from the event \$15K will help buying a new freezer system for the pantry, allowing for more families in the Wollondilly shire to purchase food.</li> </ul>			NOTE	5/9/19
<b>12.2. Community Investment – Local School Investment</b> Tahmoor Coals Sponsorship helped with <ul style="list-style-type: none"> <li>Yanderra Public School – 6 new Notebook computers</li> <li>Bargo Public School – Creation on an outdoor learning space</li> <li>The Oaks Public School – 6 new ipads</li> <li>Buxton Public School – Bush Trackers –Thirlmere lakes</li> <li>Thirlmere Public School – Playground area upgrade</li> <li>Picton Public School – Playground upgrade</li> <li>Wollondilly Anglican College – Country Fair</li> </ul>			NOTE	5/9/19



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<b>12.3. Community Information Session – Tahmoor North Mining Operations</b>																																												
<ul style="list-style-type: none"> <li>A letter to all residents has been hand dropped in all properties mail boxes for the community information session</li> <li>An advert has been placed in the Wollondilly Advertiser, Macarthur Chronical and District Reporter.</li> <li>Event was held at Picton Bowling Club on Thursday 13th June 2019 from 1pm to 7pm.</li> </ul>				NOTE	<b>Completed</b>	6/6/19																																						
<b>12.4. Community Investment – Resident Information Pack LW W1-W2</b>																																												
<ul style="list-style-type: none"> <li>Distributed to landowners in the LWW1 and LWW2 area</li> <li>Notification letter sent out x 2</li> <li>PMI's have commenced in this area with approx. 30% of residents requested so far.</li> </ul>				NOTE		5/9/19																																						
<b>13. Subsidence Advisory NSW Update</b>																																												
<b>13.1. Subsidence Advisory NSW Update – Summary of Claims</b>																																												
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<b>14. TCCCC Finance</b>																																												
14.1. The TCCCC bank balance is currently \$24,085.87				NOTE		5/9/19																																						
<b>15. General Business</b>																																												
15.1. AS to investigate use of expandacrete for CMAP				AS		5/9/19																																						





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15.2.	<p>The TCCCC members agreed that the following is to take place in regard to signatories of the groups bank account;</p> <ul style="list-style-type: none"> <li>Ian Sheppard and Belinda Clayton are to be removed as signatories on the account.</li> <li>Michael Muston and Environment and Community Manager are to be added onto the account as signatories.</li> </ul> <p>Update 5.9.19 – Fiona Robinson to be added to the signatories instead of Ron Bush as he has left the business.</p>				NOTE		14/3/19
<b>Meeting Closed</b>	<b>7:00pm</b>	<b>Next Meeting</b>	<b>Thursday 5 December 2019</b>	<b>Time</b>	<b>5:00pm</b>	<b>Location</b>	<b>Vaby's Restaurant</b>