

Minutes

TAHMOOR UNDERGROUND

GLENCORE

Tahmoor Colliery Community Consultative Committee

Date	Thursday 6 March 2014
Venue	Conference Room 1, Tahmoor Colliery
Next Meeting	5:00pm, Thursday 5 June 2014, Conference Room 1, Tahmoor Colliery
Meeting Open	Meeting Close
5.05 pm	7.20 pm

Attendance

Michael Muston	Independent Chairperson
Col Mitchel	Wollondilly Shire Council Representative
Robert Khan	Community Representative
Virginia Fairley	Alternate Community Representative
Julie Sheppard	Environmental Group Representative
Ian Sheppard	Tahmoor Underground Glencore Representative
Belinda Treverrow	Tahmoor Underground Glencore Representative

Invitees

Peter Vale	Tahmoor Underground Glencore Representative
Fiona Robinson	Tahmoor Underground Glencore Representative
Sam Beresford	Tahmoor Underground Glencore Representative
Ron Bush	Tahmoor Underground Glencore Representative
Matt Montgomery	Mines Subsidence Board District Representative

Apologies

Lou Amato	Wollondilly Shire Council Representative
David Auchterlonie	Community Representative
Diana Lange	Community Representative
Sandra Potter	Community Representative

Minutes recorded by Belinda Treverrow.

Item	Issue	Action
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.	
2.	Declarations of Interest	
2.1	Michael Muston is paid by Tahmoor Colliery. Virginia Fairley is a member of the <i>Shafted</i> action group.	

Item	Issue	Action
3.	Agenda	
	<ul style="list-style-type: none"> • Welcome and introductions • Declarations of interest • Confirmation of minutes from previous meeting • Business arising • Correspondence • Committee member reports • Mining operations update • General business – <i>confirm 2014 TCCCC dates</i> 	
4.	Confirmation of Minutes of Previous Meeting	
4.1	<p><i>Thirlmere Lakes Presentation</i></p> <p>Committee would like a brief report on Dr Riley's Thirlmere Lakes presentation. Ian has confirmed with Dr Riley that due to concerns regarding context of presentation would not be possible without Dr Riley being present to provide explanations.</p> <p>Julie Sheppard enquired about funding that was allocated to the Thirlmere Lakes Inquiry for further research. The Committee would like to know if the real time monitoring has been accounted for in the entire \$200,000 grant or if there will be other research conducted with the remaining funds.</p>	<p>Complete</p> <p>Julie to draft letter for Jai Rowell MP and forward to Belinda.</p>
5.	Business Arising From Previous Minutes	
	Actioned in minutes.	
6.	Correspondence	
Email Email	Resident in Inness Street Thirlmere; anonymous Picton-Thirlmere-Bargo RSL Sub Branch President Tim Bennett-Smith	
7.	Committee Members Reports	
7.1	David Auchterlonie Nothing to report.	
7.2	Virginia Fairley Nothing to report.	
7.3	Robert Khan Tahmoor Colliery Apprentices cooked a community fundraising BBQ out the front of Khans IGA in Picton for two (2) consecutive weekends in January. All funds raised were donated to the Cystic Fibrosis Swimathon. Robert appreciates the commitment that the Apprentices provide to fundraising for the local community and the positive feedback they provide to local residents.	
7.4	Diana Lange Tahmoor Town Centre has experienced more movement due to subsidence and Diana appreciated the prompt response to the issue and temporary repairs by Tahmoor Colliery and the MSB. Local residents have commented that they are satisfied with workmanship on properties repaired by MSB, however they are concerned with comments made by workman that repairs are not due to mining.	MSB to respond at next meeting

Item	Issue	Action
Q1 A1	Has a meeting been arrange with Picton-Thirlmere-Bargo RSL? <i>Meeting arranged for Thursday 3 April 2014.</i>	Feedback at next meeting.
7.5 Q2 A2	Sandra Potter Sandra did not attend the meeting however Virginia presented correspondence between Sandra and a resident regarding the request for access to a property on Innes Street Thirlmere to undertake inspections for subsidence impacts. Belinda has spoken with resident and they have requested the Colliery does not approach their property or contact them. An email was received from Tim Bennet-Smith (President) Picton-Thirlmere-Bargo RSL regarding a request for a meeting with the Colliery. When will this be arranged? <i>Meeting arranged for Thursday 3 April 2014.</i>	Consultants to carry identification at all times. 24 hours' notice to be given prior to an inspection.
6.6 Q3 A3 Q4 A4	Julie Sheppard Following on from the last meeting, Julie spoke with a resident who is disappointed with the rehabilitation of the north-western bank of Myrtle Creek adjacent to Castlereagh Street Bridge, the area was turfed with non-native grasses and has lost its natural appearance. The rehabilitation was managed by Sydney Water Sewer and the Committee would like to know if Wollondilly Shire Council was consulted. A section of Myrtle Creek behind Denmead Street is not holding water in pools due to impacts from mining. The Colliery has discussed creek mitigation works and Julie would like to know when this will take place. <i>Presentation from Strata Control Technologies at next meeting regarding creek mitigation works.</i> Residents have discussed concern about native animals not having access to water and would like the Colliery to consider providing temporary liners for pools in Myrtle Creek. <i>Belinda to meet with Julie and residents to discuss options available.</i>	Belinda to contact Council and draft letter to Sydney Water on behalf of the Committee highlighting distress from residents due to extended disturbance during project and at final rehabilitation outcome. Include in next presentation
8. Mining Operations Update Tahmoor Colliery		
8.1	Peter Vale 2013 highlights <ul style="list-style-type: none"> Actual mine production was 2,765,679 ROM tonnes at year end and 2,029,001 tonnes clean coal Maintain direct employment for 380 employees and full time equivalent contractors 2014 Year to Date <ul style="list-style-type: none"> 511,886 ROM tonnes mined to 6 March 2014 with 2,000,000 clean coal budgeted for full year 	

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8.2	<p>Environment Update Chris Standing</p> <p>Performance <i>Environmental Incidents</i> Received since the last meeting: There were two (2) environmental incidents since the last meeting. One was a reportable non-compliance of an administrative condition of the mine's environmental protection licence where the mine produced 29,001 tonnes in excess of its licence fee base. EPA has requested Tahmoor to lodge application for higher fee. The second was a category 2 chemical spill of 800 litres of "Grow-grass" erosion control due to the container splitting when being lifted binder, which is sprayed on excavation areas to stabilise the ground and promote vegetation regrowth.</p> <p><i>Community Complaints</i> Received since the last meeting:</p> <p>December There were five (5) community complaints, four (4) regarding odour from No 2 shaft fans and one for overnight pit top noise.</p> <p>January There was one noise complaint from Olive Lane. It pertained to "humming and droning" from the mine and trucks leaving site at 2am, the complaint also detailed apparent tyres screeching as a vehicle left the mine site. A review of our real-time monitors showed there was no increase in noise levels at the indicated time. Footage was also viewed of the front gate video security cameras between 1.30am and 2.30am, which displayed no vehicle movements in and out of the site. It should be noted Tahmoor Colliery was in compliance of its noise conditions at all times.</p> <p>February There were three (3) community complaints during the month. One complaint was from a Bridge Street resident about insufficient notice regarding a mine subsidence inspection. Two noise complaints were received from the EPA about noise levels experienced by a resident in Olive Lane Bargo.</p> <p>Depositional Dust Deposited dust levels continue to be well below EPA target levels of 4mg/m² per month.</p>	
Q4	<p>Julie has received comments from community members that the cleaners at Wollondilly Anglican College have experienced an increase in the amount of dust on school desks. Has the School contacted the Colliery to discuss?</p>	Belinda to contact school.
A4	<p><i>No contact had been made with the Colliery regarding dust issues.</i></p> <p>Water – License Discharge Point 1 Water discharge quality was within compliance for the full 2013 year.</p>	

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<p>Q5</p> <p>A5</p>	<p>Why was there a turbidity spike in November?</p> <p><i>When Colliery extracts coal affected by strata oil, the oil mixed with the flocculent I the washery does not provide optimum results. Environment & Community Dept are working with the Coal Handling Prep Plant to improve this outcome.</i></p> <p>Annual Government Reporting</p> <ul style="list-style-type: none"> • Annual Environmental Management Report has been completed and submitted to NSW Industry & Investment, Division of Resources & Energy and is now available on Tahmoor's website • Tahmoor Environment Protection Licence 1389 Annual Return has been completed and submitted to the EPA • Tahmoor will produce an Annual Review to the NSW Department of Planning by 31 March 2014. This will address the items in condition 45 of our Tahmoor Colliery consent • In subsequent years Tahmoor will aim to produce one combined report – Annual Review and AEMR for simplicity <p>At the end of March 2014 when the Annual Review is complete an AEMR inspection will be organised.</p> <p>Water Management Projects</p> <ul style="list-style-type: none"> • The Waste Water Recycling Plant is in full operation • Reduction in potable water consumption of 59.7 ML in 2013 • Design and construction of a Waste Water Treatment Plant will commence in May 2014 • Expected completion of the project is April 2015 • This will aim to satisfy the Pollution Reduction Program 22 requirements, in Tahmoor's Environment Protection Licence. 	<p>Feedback next meeting.</p> <p>Fiona to arrange AEMR inspection at end of March 2014.</p> <p>Presentation of Waste Water Treatment Plant next meeting.</p>
<p>8.3</p>	<p>Community Update Belinda Treverrow</p> <p>Subsidence <i>Township</i></p> <p>There is 45 metres of mining to complete Longwall 27. Currently surveyors are surveying entire Longwall 27 surface monitoring lines for the End of Panel Report to compare predicted and actual subsidence parameters.</p> <p>Redbank Creek</p> <ul style="list-style-type: none"> • Weekly 2 dimensional ground surveys monitoring ground closure across valley • Weekly visual surveys, inspection and photographic record • Monthly 3 dimensional ground surveys <p>Myrtle Creek</p> <p>Next inspection of Myrtle Creek will be for Longwall 27 End of Panel Report.</p> <p>Community Consultation</p> <p>Tahmoor Colliery provides the community with consultation throughout the mining process with notifications by mail, Resident Information Pack deliveries to residents, advertisements in local papers, Community Information Days and face to face engagement.</p>	<p>Sandra and Virginia to provide Belinda with comments before distribution of <i>Resident Information Pack</i> for longwall 28.</p>

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	<p>The Tahmoor Colliery <i>Resident Information Pack</i> is distributed to all properties within the active subsidence zone and provides information regarding Tahmoor Colliery community engagement.</p> <p>Our consultation methods for subsidence monitoring inspections have recently caused distress for two (2) local families. Changes have been implemented for all future subsidence monitoring and property inspections. Feedback is welcomed from the community at all times to ensure that the consultation process that we implement is constantly evolving to ensure best practice is demonstrated throughout the community.</p> <p><i>Mine Subsidence Board</i></p> <p>Matt Montgomery updated current Mine Subsidence Board statistics since December 2013 meeting. Figures below refer to claims received from longwalls 22 (2004) to 27 (current):</p> <table border="1" data-bbox="199 734 638 969"> <thead> <tr> <th></th> <th><i>Dec</i></th> <th><i>Change</i></th> <th><i>Mar</i></th> </tr> </thead> <tbody> <tr> <td>Total received</td> <td>731</td> <td>+28</td> <td>759</td> </tr> <tr> <td><u>Completed</u></td> <td>332</td> <td>+14</td> <td>346</td> </tr> <tr> <td><u>Refused</u></td> <td>189</td> <td>+8</td> <td>197</td> </tr> <tr> <td><u>Commenced</u></td> <td>42</td> <td>+2</td> <td>44</td> </tr> <tr> <td><u>Pending</u></td> <td>210</td> <td>+6</td> <td>216</td> </tr> </tbody> </table> <p>Note – <i>refused claims are generally because the property is not in a mined area or damage is not due to mining.</i></p> <p><i>Major Work Includes:</i></p> <ul style="list-style-type: none"> • Two (2) homes are currently under construction and one (1) is waiting to commence. • There is one (1) home that has been demolished and the vacant land is being sold. • One (1) home has been finished for nearly 2 years and is with MSB legal representatives for resolution. • Overall, ten (10) homes have been completed with the average time for occupants out of dwelling being 36 weeks (9 months), weather pending. 		<i>Dec</i>	<i>Change</i>	<i>Mar</i>	Total received	731	+28	759	<u>Completed</u>	332	+14	346	<u>Refused</u>	189	+8	197	<u>Commenced</u>	42	+2	44	<u>Pending</u>	210	+6	216	
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8.3	<p>Community Update Belinda Clayton Corporate Social Involvement (CSI) Contribution by Tahmoor Colliery</p> <p>December</p> <ul style="list-style-type: none"> • Focus on Families Wollondilly \$3,000 <p>January</p> <ul style="list-style-type: none"> • Cystic Fibrosis Swimathon \$2,000 • Thirlmere Festival of Steam \$1,500 • Picton Strings – <i>Annual Youth Camp</i> \$3,000 <p>February</p> <ul style="list-style-type: none"> • Tahmoor Chamber of Commerce \$ 500 • Picton Chamber of Commerce \$ 500 • Wollondilly Seniors Week \$2,000 																									

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	<p>Apprentice Swimathon Team</p> <ul style="list-style-type: none"> • Cook BBQ on the day at Wollondilly Leisure Centre • Raised \$27,000 for Cystic Fibrosis • Tahmoor Colliery apprentices won the Michael Cotton Memorial Trophy for most funds raised <p>Junior Sports Development Grant</p> <p>In 2013, Glencore supported sporting groups within the Wollondilly area and donated approximately \$30,000. Grants are for junior sporting groups in the Wollondilly LGA, up to \$7,500. Applications for 2014 close on the 10 March 2014.</p>	
<p>8.4</p> <p>Q6</p> <p>A6</p>	<p>Major Project Update Ian Sheppard Redbank Project Batter Erosion Protection</p> <ul style="list-style-type: none"> • A Contract has been awarded to Pan Civil Pty Ltd, for the installation of MacMatR Erosion Protection matting and the revegetation of the cut batters along the length of the new Rail Deviation. • This work commenced early March 2014 and is planned to complete early May 2014. • First stage of the work is the application of a revegetation medium which adheres to the flaking shale and limits weathering affects yet promoting vegetation growth. Work has commenced with a trial application and all batter slopes will be sprayed over the next 2 weeks. • Second stage involves the covering of the batter slopes with 21,000 square meters of MacmatR Erosion Protection matting. This mat will be fixed to the batter faces with anchors spaced a 1 meter intervals, securing the surface while allowing vegetation to grow. <p>Have gabions at Redbank Deviation Project been replaced to stop the scouring of batter during rain event?</p> <p><i>Yes, final rectification work has been completed.</i></p> <p>Redbank Creek Culvert Strengthening</p> <ul style="list-style-type: none"> • Review of Environmental Factors (REF) completed Dec 2012 and Controlled Activity Approval (CAA) from Dept. of Water in place to facilitate access to creek area. • Blockages and silt build-up removed, culvert clear and flowing as normal • Strengthening works to commence May 2014 - involving stainless steel hoop reinforcement embedded in culvert brickwork. • Cofferdams will be installed to contain any contaminants. • Normal Creek flows will be maintained by installing a bypass drainage pipe through the work area. • Stop work arrangements for predicted storm events will be implemented. • Work scheduled for completion Oct 2014. 	

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Q7 A7	<p>How is weed invasion managed in the designated work area?</p> <p><i>Conditions are included in the controlled activity approval.</i></p>	<p>Include details in Q2 presentation.</p>
8.5	<p>Tahmoor South Project Update Sam Beresford Exploration</p> <ul style="list-style-type: none"> • Final drill hole • TBF040 completed drilling on 9 January 2014 • Last hole in our Exploration program • The current exploration program is now complete <p>Project Approvals</p> <ul style="list-style-type: none"> • Technical specialist field work complete • Technical specialist reporting currently being finalised • EIS preparation underway • EIS finalised for submission April 2014 <p>Baseline Environmental Monitoring</p> <ul style="list-style-type: none"> • Continuing during 2014 <p>Community Consultation</p> <ul style="list-style-type: none"> • Newsletter 5 to be issued in the week commencing 17 March 2014 • Community open day 4 to be held in late March/ Early April 2014 <p>Proposed Ventilation Shaft Locations The Tahmoor South Project proposes to utilise the three existing Tahmoor Colliery ventilation shafts and develop four additional ventilation shafts. These consist of the following:</p> <p>Downcast Shaft</p> <ul style="list-style-type: none"> • TSC3- Located near the Tahmoor Mine coal stockpile area • 5m diameter concrete and steel lines shaft • Drilled using a blind boring rig <p>Upcast Shaft</p> <ul style="list-style-type: none"> • TSC1- Located near the Tahmoor Mine rejects bin <p>Downcast Shaft</p> <ul style="list-style-type: none"> • TSE1- Located at Tahmoor Coal’s Anthony Road property. • 5m diameter concrete and steel lines shaft • Drilled using a blind boring rig <p>Upcast Shaft</p> <ul style="list-style-type: none"> • TSC2- Located adjacent to Tahmoor Coal’s Anthony Road property (Crown Land) <p>Concept design for the upcast fan and building The following features have been incorporated into our design:</p> <p>Upcast Ventilation Stacks</p> <ul style="list-style-type: none"> • 30m high and configured to increase the air velocity • Pushing return air higher into the atmosphere to promote dispersion <p>Acoustic Design Feature</p> <ul style="list-style-type: none"> • Fans will be housed within an acoustically designed building to minimise potential noise impacts <p>Sound Proof Building</p> <ul style="list-style-type: none"> • Used to house fans, impellers and other electrical equipment • Aims to reduce potential noise impacts and reduce visual impacts of the enclosed equipment 	<p>Update on following at next meeting:</p> <ul style="list-style-type: none"> • REA expansion • Consultation process post lodgement of the EIS

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8.6	Finance Bank Account Balance \$18,432.67	
9.	General Business	
9.1	TCCCC Terms of Reference The Committee has agreed to provide feedback on the current <i>TCCCC Terms of Reference</i> to initiate the review process.	Department of Planning Planning Guidelines for establishing a Community Consultative Committee to be distributed with minutes.
9.2	Meeting Dates The following dates have been proposed for the remainder of 2014. It is preferable that all Committee Members are present at each meeting. If the following dates conflict with prior arrangements, contact Fiona Robinson to discuss. <p style="margin-left: 40px;"> Q2 5:00pm Thursday 5 June 2014 Q3 5:00pm Thursday 4 September 2014 Q4 5:00pm Thursday 4 December 2014 </p> The meetings throughout the year are held in Conference Room 1 at Tahmoor Colliery. The Christmas meeting is held at a local site with dinner provided by the Colliery at the completion of the meeting.	