



Tahmoor Colliery Community Consultative Committee (TCCCC)

Thursday 8 September 2011

VENUE:

XSTRATA COAL TAHMOOR COLLIERY

Meeting Open:

5: 15 pm

Meeting Closed:

7:10 pm

**NEXT MEETING: THURSDAY 8 DECEMBER 2011 AT 5:00PM
VABY'S RESTAURANT PICTON**

ATTENDANCE

✓	Attending	X	Apology / Didn't attend
✓	Ms Diane Coves		Independent Chairperson
X	Cr. Benn Banasik		Wollondilly Council Representative
✓	Cr. Colin Mitchell		Wollondilly Council Representative
✓	Mr. David Auchterlonie		Community Representative
X	Mr David Hunt		Community Representative
X	Ms Diana Lange		Community Representative
✓	Ms Julie Sheppard		Community Representative
✓	Mr Ian Sheppard		Tahmoor Colliery Representative
✓	Mrs Belinda Clayton		Tahmoor Colliery Representative
✓	Mr Nick Wandke		Tahmoor Colliery Representative
✓	Miss Katie Hendry		Tahmoor Colliery Representative
✓	Miss Fiona Robinson		Tahmoor Colliery Representative

Invitees:

X	Mr Darren Bullock	Mine Subsidence Board
X	Mr Greg Kininmonth	Dept Mineral Resources
✓	Mr Peter Vale	Tahmoor Colliery Operations Manager
X	Mr Shane Wilton	Tahmoor Colliery Employee Representative
X	Mr Craig Srudwick	Community Relation Coordinator – Xstrata Coal NSW

Visitors:

✓	Chris Hammersley	Bargo Project Approvals Coordinator
X	Cr. Shane Read	Wollondilly Shire Council

Copy to:

Mr Les McMahon

General Manager, Wollondilly Shire Council

GENERAL BUSINESS

Item	Issue	Action	Date
1. <u>Welcome/Introductions</u>			
1.1	Diane Coves is the independent chairperson.		
2. <u>Declarations of Interest</u>			
2.1	Diane Coves is paid by Tahmoor Colliery.		
3. <u>Apologies</u>			
3.1	<u>Apologies</u> David Hunt Diane Lange Darren Bullock Shane Read <u>Arrivals/Departures</u> Di Coves		
4. <u>Confirmation of Minutes of Previous Meeting</u>			
4.1	Minutes confirmed by Julie Sheppard and Col Mitchell.		
5. <u>Business Arising</u>			
5.1	Office of Water presentation has been postponed until David Hunt returns.	NFA	
6. <u>Correspondence</u>			
IN	1. Bank statement received (copy in presentation).	NFA	
	2. Email from Julie Sheppard regarding proposal to assist Professor Pells Thirlmere Lakes study using \$5,000 from TCCCC funds.	Emailed to TCCCC	
	3.		
	4. Email from David Hunt regarding motions 1 and 2 for March 2011 meeting. Email dated 2 June 2011.	Discuss at next meeting.	Next Meeting.
	5. Draft letter to Greg Cole-Clark of MSB regard issues raised by members of TCCCC.	Discuss at next meeting.	Next Meeting.
OUT	Nil		

Item	Issue	Action	Date
7. <u>Committee Members Reports</u>			
7.1	Diana Lange Not present.	NFA	
7.2	David Auchterlonie Nothing to report.	NFA	
7.3	Julie Sheppard Julie attended meeting with various community groups, government organisations and individuals with several groups agreeing to assist Professor Pells study into the behaviour of Thirlmere Lakes since about 2000. Julie would like to propose that \$5,000 of TCCCC funds goes towards assisting Pells study. Diana Lange and David Hunt are not present at meeting therefore Julie would like to discuss at next meeting.	Pells report to be forwarded to Committee Members by Belinda Clayton	As soon as possible
7.4	David Hunt Not present.		
8. <u>Update on Current & Future Mining Operations</u>			
8.1	Environment Update Nick Wandke <i>Environmental Coordinator</i> <u>WATER MANAGEMENT STAGE 1</u> <u>Surface Stormwater Project</u> <ul style="list-style-type: none"> • New civil contractor (J&J) engaged in April 2011. • All pipelines and electrical conduit installed. • Flocculent dosing stations installations completed. • Pumping station excavation completed. • Electrical power supply and control designs completed by Globetech. • New transformer and electrical power supply panels completed. • Stockpile civil works removed from scope and currently being tendered. • Pumps started running and project entered commissioning on 30th August 2011. <u>WATER MANAGEMENT STAGE 2</u> <u>Recycled Water Project</u> <ul style="list-style-type: none"> • <u>Recycled Water Project Scope</u> • Recycle (filter and treat) mine groundwater • Store treated water in two large surface tanks • Pump back underground and to surface areas as process water 	NFA	

Item	Issue	Action	Date
	<ul style="list-style-type: none"> • Reduce process potable usage by approximately 1ML/day • <u>Industrial water specialist (Annalie Roux – Palaris), engaged to support project manager to manage water recycling and treatment system design and construction</u> • Water treatment to involve aeration (scrubbing out CO₂, adjusting pH and settling out solids, also basic solids filtration). • Chlorine or biocide dosing to prevent microbiological growth. • Plant will produce an inert solid waste for on-site disposal (REA). • <u>Target Dates</u> • Construction during Q4 2011, with completion by year end. <p>Case Study: Poowong Plant (VIC)</p> <ul style="list-style-type: none"> • Installed to treat 3.4ML/day near Poowong, VIC • Treatment involves sedimentation/clarifier package plant to remove solids • Water from plant used for domestic use by residents and businesses in local area <p><i>WATER MANAGEMENT STAGE 3</i></p> <ul style="list-style-type: none"> • <u>Waste Water Treatment Project Scope</u> • The mine currently discharges 3-4ML per day from LDP1 • Discharge water largely groundwater, with inherent contaminants including Arsenic (As), Nickel (Ni), Zinc (Zn) and elevated Electrical Conductivity (EC) • The site routinely records monthly exceedances of ANZECC guidelines • Install treatment plant to remove heavy metal contaminants (As, Ni, Zn). • <u>Bench scale water analysis completed (Orica Chemicals)</u> • Analysis showed As removal possible using Ferric Chloride Treatment (FeCl₃) • Ni & Zn to be removed using absorption technology using an inert material (such as sand or similar media) • Plant to treat 5ML/day and produce solid waste – waste volumes approximately 1.5 tonnes/day (10m³/day @ 15% solids). Disposal options currently being reviewed for suitability • • <u>Target Dates</u> • Design in Q4 2011, Construction Q1 2012 • Commissioning in Q2 2012 		

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	<p>Case study: Bendigo Plant (VIC)</p> <ul style="list-style-type: none"> Installed to treat heavy metal contamination in mine water (7ML/day) near Bendigo, VIC FeCl₃ is typically used for sewage treatment or drinking water production Water from Bendigo plant used in region for parks/golf course watering 		
	<p>PRP 15 - Stormwater Improvement Project</p> <ul style="list-style-type: none"> System operational (pumps running – S8 & S9 no longer discharging) Final commissioning and civil works 90% complete Rehabilitation and revegetation to be completed 		
	<p>PRP 16 - Noise Survey Review & Assessment - Complete (submitted 30 May 2011)</p> <ul style="list-style-type: none"> Report completed and submitted to OEH 30 May 2011 as per due date Findings showed noise mitigation controls were still effective, and site was DA compliant 		
	<p>PRP 17 Noise Attenuation Works & Schedule - Complete</p> <ul style="list-style-type: none"> Report submitted to OEH 30 July 2011 as per due date Citect / SentineX Integration project (connect noise monitors to computer control system) Update PLC logic on surface conveyer system to control coal supply to shaker screen Review truck speed limits at Refuse Emplacement Area to reduce engine noise PRP18 deadline to be agreed with OEH at meeting on 16th Sept at OEH Wollongong 		
	<p>PRP 19 Contaminated Land Investigation - Complete</p> <ul style="list-style-type: none"> Report submitted to OEH 31 July 2011 as per due date Report identified known contamination at workshop and CHPP areas Report concluded a RAP was not required (no harm to environment or human health) – this was a very positive outcome. Report to be discussed with OEH next week to finalise and close PRP19. 		
	<p>AEMR Annual Inspection</p> <p>Tahmoor Colliery's Annual Environmental Management Report inspection was conducted on site with Greg Kininmonth from I&I NSW.</p>		

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	<p>COMMUNITY COMPLAINTS AND ENVIRONMENTAL INCIDENTS</p> <p>Environmental Incidents 8 incidents (all water discharge related).</p> <p>Community Complaints 3 complaints in last quarter (1 noise, 2 other);</p>		
8.2	<p>SMP Update</p> <p><u>Belinda Clayton Community Coordinator</u></p> <p>Current Extraction</p> <ul style="list-style-type: none"> • 1,090m Extracted • 2,386m to go • Longwall commenced Friday 1 April 2011 • Expected completion Q3 2012 <p><u>Subsidence Management</u></p> <ul style="list-style-type: none"> • Ground monitoring is being undertaken within the active subsidence zone of Longwall 26. • Impacts have been observed at a number of houses during the extraction of Longwall 26. • Ongoing extensive consultation has been undertaken with residents in the subsided areas. • This includes consultation with residents who have experienced impacts and neighbouring residents who have not reported impacts. <p><u>Surface Exploration Program</u></p> <p><u>Exploration Program</u></p> <ul style="list-style-type: none"> • Completed 14 boreholes; • Currently drilling at 3165 Remembrance Drive Bargo (TBC016) and Lot 4 Anthony Road Bargo (TBC015); and • Next site proposed is site 13 at Bargo Colliery. <p><u>Bargo Project - Prefeasibility Stage</u></p> <ul style="list-style-type: none"> • Various consultants are about to commence baseline studies which include: • Ecological surveys; • Water monitoring; and • Geographical surveys. 	NFA	

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8.3	<p>Mine Subsidence Board Report</p> <p><u>Darren Bullock <i>District Manager</i></u></p> <p>Statistics since commencement of Longwall 22</p> <table border="0"> <tr> <td>Total Claims Received</td> <td>528</td> </tr> <tr> <td>Total Claims Refused</td> <td>125</td> </tr> <tr> <td>Total Repairs Completed</td> <td>190</td> </tr> <tr> <td>Total Repairs In Progress</td> <td>38</td> </tr> <tr> <td>Total Repairs Pending</td> <td>213</td> </tr> </table>	Total Claims Received	528	Total Claims Refused	125	Total Repairs Completed	190	Total Repairs In Progress	38	Total Repairs Pending	213	NFA			
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8.4	<p>Community Support Update</p> <p><u>Belinda Clayton <i>Community Coordinator</i></u></p> <table border="0"> <tr> <td>Bargo Scout Group</td> <td>\$1,200</td> </tr> <tr> <td>Wollondilly Care</td> <td>\$5,000</td> </tr> <tr> <td>Camp Quality</td> <td>\$ 700</td> </tr> <tr> <td>Blue Light Street Handbook</td> <td>\$ 858</td> </tr> <tr> <td>Picton Strings</td> <td>\$ 500</td> </tr> <tr> <td>Gymtastic Picton</td> <td>\$7,000</td> </tr> </table> <p>Apprentices have volunteered at local school fetes:</p> <ul style="list-style-type: none"> • Supply food • Cook BBQ • All funds raised donated to school 	Bargo Scout Group	\$1,200	Wollondilly Care	\$5,000	Camp Quality	\$ 700	Blue Light Street Handbook	\$ 858	Picton Strings	\$ 500	Gymtastic Picton	\$7,000	NFA	
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8.5	<p>Major Project Update</p> <p><u>Ian Sheppard</u></p> <p><u><i>Environment and Community Manager</i></u></p> <p><u>Rail Deviation Project</u></p> <ul style="list-style-type: none"> • Environment Assessments completed; • Submission to Department of Planning & Infrastructure (DP&I) for adequacy completed; • I&INSW have confirmed adequacy subject to minor amendments for biodiversity and water; • EA ready for printer subject to DP&I confirmation; • Potential public display and consultation late Sep 2011; and • Determination anticipated by end 2011. 														
9. <u>General Business</u>															
9.1	<p><u>Financial Report</u></p> <p>Balance \$8,560.94</p>	NFA													

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10. <u>New Business</u>			
10.1	Incorrect references in Myrtle Creek report which are misleading. Ian Sheppard to discuss with Andrew Dawkins and arrange for report to be amended. Andrew Dawkins present to Committee and discuss with Julie at meeting.	Julie to discuss with Andrew Dawkins at presentation	
10.2	Organise for water data to be collected and formatted in a presentation. Organise for GeoTerra to present to TCCCC sometime before the next meeting.	Presentation by GeoTerra when David Hunt returns from Qld.	Next Meeting
10.3	Draft letter and attach 'Motions' (from David Hunt) for submission to Mine Subsidence Board. TCCCC to review before submission. Refer to David Hunt Report.	Ian Sheppard	Next Meeting
10.4	David Hunt suggested investigating option to extend external batter at reject emplacement area and emplace more fill.	Nick Wandke to discuss with David Hunt	Next Meeting
10.7	Draft letter by Ian Sheppard for Greg Cole-Clark to be reviewed at next meeting.	Ian Sheppard to forward to David Hunt	Next meeting
11. <u>Next Meeting</u>			

Location: Vabys Restaurant Picton

Time: Commencing at 5pm.

Dates: 8 December 2011

Recorded: Nick Wandke
8 September 2011

Confirmed:

(Signature)
Diana Covés
Chairperson - Tahmoor Colliery Community Consultative Committee