

MINUTES OF MEETING
STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE

Wednesday 28 June 2006

@ 7.00 pm

Senior Citizens Hall, 6 Parker Street, Strathalbyn

PRESENT:

Dean Brown - Chair	David Bruer	Dr Fred Carrangis	Julia Currie
Barry Davis	Mike Farrier	Susan Jettner	Kirstie Murphy
Anne Woolford, Deputy Mayor	Ian Woods	Roz Twartz	

PIRSA

Greg Marshall	Hans Bailiht	Dr Ted Tyne
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TERRAMIN

John Burgess	David Gladwin
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SPECIALISTS

Jonathon Trewartha – Terramin
Tony Zoitsas Director Environmental Services The Saros Group
Public Gallery 11

APOLOGIES:

Ben Brazzalotto	Adrian Pederick MP	Paul Heithersay	Bob Jones
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1.	<p>WELCOME BY THE CHAIRMAN</p> <p>Meeting commenced with a welcome from the Chairman.</p>
2.	<p>MINUTES OF PREVIOUS MEETING</p> <p>The Minutes of the previous meeting were accepted as a true and correct record of proceedings after the following changes were made.</p> <ul style="list-style-type: none"> • Q14 should read – following that houses • Page 5, item 6, item 2 should read 217mm (not 250 mm) in Strathalbyn on previous records and add in ‘275 at Belvedere’. • Item 4 should read – CO2 not CO²
3.	<p>BUSINESS ARISING FROM MINUTES</p> <ul style="list-style-type: none"> • Report from Dr Fred Carrangis was tabled; • Odour Guidelines tabled; • Sample of HDPE 1mm shown to the committee • Answers to Questions • I. Woods inquired if answers to the questions submitted, have been answered by the Minister – still waiting on reply •

4.	Presentations on Mining Methods, Geotechnical Issues and Blasting Jonathon Trewartha presented PowerPoint information on the proposed mining method and the sequence of events for the Angas Mine site. He gave a second PowerPoint presentation on the geotechnical issues as they relate to the Angas mine.
	Tony Zoitsas from the Saros Group presented a PowerPoint presentation on blasting and discussed blasting and mining practices, as they would relate to the Angas Mine.
5.	QUESTIONS
Q1	What kind of oxides of nitrogen and nitrates are released from the blasting and how will is this monitored?
	Small quantities are released but they are dispersed quickly by being absorbed by the water sprays underground and within the air.
Q2	No₂, how does this affect greenhouse gas load
	ACTION: Terramin will research and get back with this information.
Q3	What % of the mine is backfilled and what voids are will be left?
	It is proposed to put as much underground as can be done safely done. All waste rock will go underground. The aim is to achieve 30-40% filling underground, depending on the operation at the time and the mine scheduling. We are estimating a 90% target for voids to be filled. It is proposed that in the next few weeks there will be a special item on the agenda under the title "Mine Backfilling" to specifically address these issues.
Q4	Where is compliance measured?
	Where the sensitive area is eg the nearest house. Monitoring locations will be at closest public residence.
Q5	Does the same standard apply here as at the Stawell Mine? (– directed to Dr Fred Carrangis)
	ACTION: Terramin will to report to the Committee on this.
Q6	Is blasting an issue for the Stawell mine?
	No, it can only occasionally will it be felt and is not an issue with the people that were spoken to.
Q7	Has baseline-blasting monitoring been carried out at the existing Garwood quarry?
	This is only cap rock and requires little blasting. To our knowledge blasting has only been carried occasionally and we do not have any monitoring results of this.
Q8	Will the School hear or feel the blasting?
	No, the closest property location will limit the blast intensity results.
Q9	In the example photo of blasting for road works within 20m of a house, are there different scales of blasting and were the owners notified?
	Yes, there are different types of blasting and mine blasting is quite different to the example shown where steel mats can be used to deaden the force of the blast.

Q10	Will monitoring be done at Strathalbyn?
	<p>1. Yes, affixed monitor will be located at the nearest house;</p> <p>2. There will also be available a mobile monitor if there are problem sites where complaints may occur, 5mm/sec is very low, for example 29-40mm/sec is required for structural damage to occur.</p>
Q11	What does it feel like at the first house, at beginning and at one year?
	Perception varies from person to person. 0.5mm/sec will hardly be noticed, at 5mm/sec you will just feel the vibration
8.25pm	BREAK
Q12	How long after the blast will the analysis of the blast be available?
	This can be available within a few minutes after the blast providing the appropriate equipment is used.
Q13	What happens if blast does not comply?
	<p>Terramin will notify PIRSA and an amended blast design will be used to reduce the impacts.</p> <p>If this was a regular occurrence the company could be taken to court as has happened in Broken Hill.</p> <p>There are a number of methods that can be done to minimise the blast effect.</p>
Q14	Explosives, what quantity and how will this be transported to site?
	<p>There are two quite different types of blasting used for the Angas Mine – Portal (Box Cut) and blasting underground in the mine.</p> <p>Action Item: Will have to report back regarding tonnage used and stored on site but only small quantities being enough for one week at a time.</p> <p>Second part explosive magazine would be located underground with detonators stored separately.</p> <p>SafeWork SA has very strict requirements for storage of explosives.</p>
Q15	What happens if the Crown Pillar collapses under the effluent ponds?
	Golder Associates Pty Ltd has addressed these issues and we will do whatever it takes to make sure that it is safe.
Q16	Extra drilling around the pond, is this exempt land?
	<p>This is exempt land Terramin have obtained a Waiver of Exemption to carry out exploration drilling on the council effluent ponds area.</p> <p>ACTION: If required there can be further discussion on EXEMPT LAND at a later date.</p>
Q17	Will gases be expelled through the ventilation shaft?
	<p>Some will be absorbed in water and the rest vented to the surface.</p> <p>ACTION: Exact details will be supplied at a later date.</p>
Q18	Blasting the MARP says it will be a dry mine, and you now say it will be wet can you explain.
	At blasting, water will be sprayed over the blasting area for dust and gas control for personal safety reasons.
Q19	For a wet mine, different explosives be used.
	Yes. Emulsion is used if in a wet environment, and ammonium nitrate for dry conditions

Q20	Is the Ammonium Nitrate storage monitored?
	Yes and stocks will be rotated.
Q21	What are the greenhouse gas effects from blasting?
	Terramin don't know at this stage and will have to report to the committee with this information.
Q22	There is a fault going through the mine site – is this correct?
	Yes, there is a fault through the area, however the extent is not known, but the rocks are very tight.
Q23	Within the Garwood Quarry has blasting been monitored?
	A very few blasts have been used on this site. It is not known if monitoring has occurred in the past.
Q24	Storage of explosives: what is the likelihood of accidents?
	Very strict controls are in place as required by SafeWork SA.
Q25	Will any of the explosions have effect on the TSF?
	No. That is not an issue. TSF is designed for 1:1000 earthquake events, which is a far greater intensity than 5mm/sec maximum blast limits.
Q26	Can people request blast monitoring on their property?
	We will take this on board, and address this with the immediate stakeholders.
Q27	If residents live on the same strata, will this have greater effect?
	If there is a fault, this will increase the effect. Diaries and community consultations are important to determine if there are any problems that need to be addressed.
Q28	Will blasting be at night?
	No, only at end of shifts, this will be between 6-7.30 in the morning and also in the afternoon.
Q29	Would lower frequencies of blasting affect animals?
	There should be no affect.
Q30	In Terramin's response document it says blasting will only be carried out between the hours of 09.00 – 17.30, Monday to Saturday, with no work on Sundays and Public Holidays. Is this correct?
	That is a mistake in the response document. ACTION: A written statement from Terramin will be forwarded to the committee for the next meeting, regarding the blasting times.
Q31	Is sulphide dust explosion an issue for the Public?
	This is an operational procedure and is a mining risk for the workers on site only. This will be addressed in the mine development plan.
Q32	What are the impacts of blasting on houses over a longer period of time?
	Terramin will table this information for the next meeting, but there are no accumulative effects.
Q33	In MARP document, has Appendix 'T' been upgraded from the April 2006 version?
	ACTION: Terramin will table answer at the next meeting.

9.27pm	END OF QUESTIONS
6.	OTHER BUSINESS
	<ol style="list-style-type: none"> 1. Safety data sheet on Xanthate were distributed to members 2. Press Release was distributed to members 3. Government Gazette showing Hon Patrick Conlon is the acting Planning Minister for this project was distributed to members.
	<ul style="list-style-type: none"> • Issues paper, which was collated by the chair, was distributed to the members and they were urged to review this and present to the next meeting any concerns that still need. For the next meeting it is proposed to commence summarising the issues. • Economic analysis for the mine will be presented to the committee at the next meeting.
7.	NEXT MEETING
	<ul style="list-style-type: none"> • Working through the issues to determine concerns with specific issues. There may be some issues that still require more answers. • If there are any outstanding issues, committee members should contact the Chair who will endeavour to get the answers to their questions for the next meeting. • The broad issues need to be addressed eg underground backfill with tailings. • Should the MARP application be readvertised? – Discussion on whether there has been a substantial change to the Angas Project to warrant a new application. It was shown that the changes have been environmental improvements, which does not require further recirculation. • Media reports indicated that in the Mount Barker Courier, concerns were raised as to whether general consensus has been reached on blood lead issues. The Chairman clarified the concern by stating that after an hour and a half debate, on one questioned the conclusion that blood lead levels were of no great concern. The Chairman stated that the committee brief was not to monitor the media. • Any issues on the <i>Mining Act 1971</i> to be raised with Hans Bailiht from PIRSA • The Mining Registrar will forward a paper addressing exempt land issues as they apply to the Mining Act, to the committee. The Chairman agreed that the committee brief was not to monitor the media, rather deal with issues.
	Next Meeting Date:
	<ul style="list-style-type: none"> • Thursday 6 July 2006 – 7pm
8.	MEETING CLOSED – 10.00 pm

ITEM NO:	ACTION	BY WHOM
3.	<ul style="list-style-type: none"> • I. Woods questions submitted, requires answers • School Nominations – Question sent to Minister 	
Q2	<p>No₂, how does this effect greenhouse load</p> <p>ACTION: Terramin report with this information</p>	
Q3	<p>It is proposed that in the next week or so there will be a special item on the agenda under the title Mine Backfilling that Terramin will address in more detail.</p>	
Q5	<p>Does the same blasting standard apply here as at the Stawell Mine?</p> <p>ACTION: Terramin to report to the Committee on this.</p>	
Q14	<p>Explosives, what quantity and how will this be transported to site?</p> <p>Terramin will report regarding proposed tonnage usage.</p>	
Q16	<p>If required PIRSA can discuss the issues of exempt land at a later date</p>	
Q21	<p>What are the greenhouse gas effects from blasting?</p> <p>Terramin don't know at this stage and will have to report to the committee with this information.</p>	
Q30	<p>In Terramin's response document it says blasting will only be carried out between the hours of 09.00 – 17.30, Monday to Saturday with no work on Sundays and Public Holidays. Is this correct?</p> <p>ACTION: A written statement from Terramin will be forwarded to the committee for the next meeting, regarding the blasting times.</p>	
Q32	<p>What are the impacts of blasting on houses over a longer period of time?</p> <p>Terramin will table this information for the next meeting, but there are no accumulative effects.</p>	
Q33	<p>In MARP document, has Appendix 'T' been upgraded from the April 2006 version?</p> <p>ACTION: Terramin will table answer at the next meeting.</p>	