

**MINUTES OF MEETING**  
**STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE**

**Thursday 02 November 2006**

**@ 7.30 pm**

**Senior Citizens Hall, 6 Parker Street, Strathalbyn**

**PRESENT:**

Dean Brown - Chair	Ben Brazzalotto	Dr Fred Carrangis	Julia Currie
Barry Davis	Mike Farrier	Susan Jettner	Adrian Pederick MP
Trevor Riches			

**PIRSA**

Hans Bailiht	Greg Marshall
<b>EPA</b> Brian Roderick	Peter Reilly

**TERRAMIN**

David Gladwin	John Burgess	Jol Jardine
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**APOLOGIES:**

Paul Heithersay	Ted Tyne	Roz Twartz	Anne Woolford, A /Deputy Mayor
Kirstie Murphy			<b>Gallery: 5</b>

<b>1.</b> <b>7:34pm</b>	<b>WELCOME BY THE CHAIRMAN</b> Meeting commenced with a welcome from the Chairman.
<b>2.</b>	<b>APOLOGIES</b> As shown above
<b>3.</b>	<b>MINUTES OF PREVIOUS MEETING</b> The Minutes of the previous meeting were accepted as a true and correct record of proceedings.
<b>4.</b>	<b>ACTIONS ARISING FROM MINUTES</b> <ul style="list-style-type: none"> <li>• Issues raised by Ian Woods concerning the economic assessment report were referred to the Centre for Economic Studies and a response from them in the form of a report, was tabled. Copies were distributed to members.</li> <li>• Trevor Riches report on AMD issues will be dealt with under Other Business.</li> <li>• <b><i>Terramin are still putting together a table of the baseline dust monitoring results and this is expected to be available and sent out to committee members sometime next week.</i></b></li> </ul>

5	<p><b>NEW LOCATION (of the processing plant) - DUST MODEL</b> powerpoint presentation by Chris Purton from Tonkin Consulting. A number of slides we shown with the revised calculated models overlayed.</p>
Q5.1	<p><b>What are the time frames required for Terramin to relocate the processing plant?</b></p>
A	<p>Terramin would require the new application to be approved within 3 to 4 months</p>
Q5.2	<p><b>How long will PIRSA require to assess this new application</b></p>
A	<p>Providing that the application information provided is per PIRSA guidelines and that there are no unforeseen complications 4 to 6 months is the minimum time required for this application. At this point in time PIRSA has not received an application for this new area to the east of Terramin's mining lease.</p>
	<p>Lengthy discussions over the pros and cons of the new location of the processing plant proposal and it was generally considered that it would be a better environmental outcome at this new location.</p>
	<p><b>NEW LOCATION (of the processing plant) LEAD DUST DEPOSITION MODEL</b> Powerpoint presentation by Chris Purton from Tonkin Consulting. Chris was unable to provide a new layout plan of the proposed processing plant area as he was only working from a 1:2,500 working chart.</p> <p>The primary crusher will be moved 50m to the southwest. <b><i>Jol Jardine is prepared to provide the committee with an updated layout plan.</i></b> The secondary crusher is now eliminated.</p> <p>New proposed haul trucks have been upgraded to Volvo 840D with a 40tonne payload which will reduce the vehicle kilometres travelled for the same mine production. A new artificial wind break will be installed around the ROM pad in addition to the water sprays. During the day the dump trucks will now directly dump into the crusher hopper instead of on the ROM pad.</p> <p>Soil sampling carried out along the line of the outcropping ore body showed the lead content in the soil as high. Sampling was carried out as per standard guidelines at 200mm below the surface.</p>
Q5.3	<p><b>Does the EPA see any cause for concern?</b></p>
A	<p>No, but the EPA requested that the calculations are included in the documentation, and they will check the calculations and the EPA will ensure that they agree with the assumptions.</p>
	<p><b>NEW LOCATION (of the processing plant) DUST AMENITY ISSUES</b> by Chris Purton from Tonkin Consulting</p> <p>Chris would like to correct a statement he made at the last meeting saying that the maximum permissible lead concentration was 0.05milligrams/m<sup>2</sup>, when it is actually 0.5 milligrams/m<sup>2</sup>. With this correction the lead concentration levels at the nearby houses are well within the required limits</p> <p>The Chairman was please that this potential concern has been cleared up. The amenity issues with dust are the dust that you would wipe off the window seals etc. The amenity dust from the Terramin operation is not predicted to be a very great increase on the normal dust levels around the town.</p>
Q5.4	<p><b>Are the rainwater tank lead deposition tests results available to the committee?</b></p>

A	<p><b>Yes, these will be made available to the SCCC. Terramin believe that there are no issues with the results of the tests.</b></p> <p>The Chairman suggested that the houses should not be identified as elevated lead was found in two houses as a result of what appears to be lead paint on the roof. A third public property was also identified but this has been resolved as there was a mistake in the readings.</p>
Q5.5	<p><b>Would lead dust be an issue to local residents if dust settling on roofs and then washing into rainwater tanks?</b></p>
A	<p>No, lead sulphides are not soluble. There are no health issues if lead dust goes into rainwater tanks.</p>
Q5.6	<p><b>What was the basis of the generation of the modelling numbers? How was the model derived?</b></p>
A	<p>The input numbers are derived from the National Pollutant Inventory, Immersion factors for mining numbers have been used which also includes some actual American figures based on actual mining data. Factors for control measures are also used eg crusher at 83% control of the dust emissions, number of trucks etc. Tonnage that Terramin will produce is 400,000/year – operation hours of 80,000/year. The haul road and stockpiles will be watered.</p> <p>The EPA is starting to review how water is being used in relation to the current drought conditions.</p> <p>The mine will have to be dewatered and Terramin currently has an excess of water as modelled 6-7litres/second for the life of the mine. This will be used for watering the trees, which incorporates the RO plant and for dust suppression.</p> <p><b>The Chairman asked that CP label each of the graphs of the presentation for the secretary's copy. JB suggested that he would issue another updated copy of the CD, which could then be distributed, to the SCCC members.</b></p> <p>The Terramin operations are not expected to cause a problem for fine particulants (PM10).</p>
Q5.7	<p><b>Does the data for the model take into account the existing (Garwood's) quarrying operations?</b></p>
A	<p>No, only the new processing area and Terramin's mine operations only. Garwood's operation has not been taken into account.</p> <p>JB explained Terramin is still in the middle of negotiations with Garwood's and cannot comment on the workings of the EML at this stage.</p> <p>If Garwood's do co-exist on the same site the modelling would have to be redone at a later date to incorporate the quarrying operations. Terramin thought that negotiations with Garwood's could be finalised within a week.</p> <p>The total emission for the site has to comply with EPA requirements. The Mining Lease application document will have the complete modelling including all the figures in a table format.</p>

	<p>NEW LOCATION (of the processing plant) <b>NOISE MODELLING</b> presentation by John Cooper from Bassett Acoustics.</p> <p>All noise modelling around the new site now comply with the noise criteria. The key changes are nighttime B-Double and loading have been taken out.</p>
<b>Q5.8</b>	<b>Will B-Doubles be loaded at night?</b>
<b>A</b>	No, there will be no loading of trucks at night
<b>Q5.9</b>	<b>Have you included noise figures including the dump operations?</b>
<b>A</b>	No, only predicted the mine operations.
<b>Q5.10</b>	<b>What does the noise model actually show?</b>
<b>A</b>	This is a worst-case 15-minute interval, including worst-case weather conditions, which this model is worked under.
<b>Q5.11</b>	<b>What will the model show on still nighttime noise?</b>
<b>A</b>	This would be typical of nighttime noise. The nighttime noise is usually the noise that people complain about.
<b>Q5.12</b>	<b>Figures of the noise model are based on 15-minute average, so if you double the noise for a 5-minute period would you still be OK?</b>
<b>A</b>	Yes. You can actually exceed those levels for short periods of time, if the rest of the time is quieter, and then that averages out.
	<p><b>VEGETATION REPORT PRESENTATION</b> by John Burgess</p> <p>There is one indigenous species in the central area and there are a lot of introduced species which are mainly weeds and a cereal crop planted throughout the paddock. In the southern area there are five trees of note on the site with a cereal crop planted in the area. None of the trees will be affected on this area. Seed will be collected from some of the more significant trees on site for later germination and planting.</p>
<b>Q5.13</b>	<b>What is the impact of the watertable around the trees?</b>
<b>A</b>	There is no effect on the watertable around the trees.
<b>6.</b>	<b>DISCUSSION OF OTHER ISSUES BY COMMITTEE</b> Nil.
<b>7.</b>	<b>OTHER BUSINESS</b>
	<p><i>The Dust Monitoring results will be sent out next week.</i></p> <p><i>Terramin will up date the presentations by labelling the modelling presented.</i></p> <p>The Chairman thanked TR on the excellent report that he prepared for the committee by translating it into common language for people to better understand the issues. TR tabled a summary of the summary written in even simpler language.</p>

	<p>TR also tabled questions for Terramin to answer, which he will bring up at a later date.</p> <p><b><i>“Once AMD starts it is difficult to prevent it from occurring or to ameliorate it. Has any thought been given to placing PH sensors beneath the wall of the TSF to be able to read PH changes continuously?”</i></b></p> <p>“During the mining process itself, rock faces will be exposed to oxidation of sulphide minerals. <u>How will the mine reduce the potential for AMD?”</u></p> <p><u>“Is there any monitoring of the mine water after closure?”</u></p> <p><b><i>Terramin replied with a brief answers to the questions, but will follow up with a formal written response.</i></b></p>
11.	<p><b>NEXT MEETING</b></p> <p>To be called when the updated Draft MARP document is available. At that stage we will call the next meeting. At the meeting Terramin will explain the MARP document. The Committee members can then make written submissions to PIRSA on the document.</p> <p>All members will get a copy of the document and will have time to examine the document and ask PIRSA any questions that may arise.</p> <p><b><i>Six hard and seven digital copies of the draft MARP document are required.</i></b></p>
12.	<p><b>MEETING CLOSED @ 9.40 pm</b></p>