

MINUTES OF MEETING

STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE

Thursday 8 February 2007

@ 7.30 pm

Senior Citizens Hall, 6 Parker Street, Strathalbyn

PRESENT:

Dean Brown - Chair	Ben Brazzalotto	David Bruer	Julia Currie
Barry Davis	Mike Farrier	Susan Jettner	Fred Carrangis
Kirstie Murphy	Adrian Pederick MP	Roz Twartz	Ian Woods
Anne Woolford, Deputy Mayor - Alexandrina Council		Trevor Riches	Gallery - 9

PIRSA

Ted Tyne	Greg Marshall	Hans Bailiht
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TERRAMIN

John Burgess	Jol Jardine	David Gladwin
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APOLOGIES:

Brian Roderick	Paul Heithersay	Kirsty Murphy	
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Meeting commented at 7.10pm

1.	The Chair welcomed the Committee, with a special welcome to Trent Rusby, who is the new proxy for the Alexandrina Council.
2.	Apologies were noted.
3.	Minutes of last meeting were accepted as a true and correct record, with the following changes noted: (SJ) Traffic Question answer by Jol Jardine 4 Quarterly Environmental Report accept report some improvements need to be made for the next report S6.2 Over 1000 pages in the MARP document (MF) Double Liner – committee asked for a show of hands over the understanding that a double liner was over the whole of TSF
4.	ACTION ARISING FROM THE MINUTES
	<ul style="list-style-type: none"> ▪ Answers to SCCC questions handed out on revised MARP document to SCCC (i.e. draft 14/2/07). ▪ Concerns over PIRSA's 20 Dec 06 responses to the Nov 06 MARP document. The SCCC was concerned that they were not informed immediately of this document. ▪ Electronic version of MARP - page numbers do not match with printed version

4. cont	<ul style="list-style-type: none"> ▪ Tracking changes – still have not been carried out. Volume of file was excessive to the point that the file size became too large to handle electronically. Terramin committed to “track changes” in future documents. ▪ P. McSherry tabled a letters dated 8/2/07 and 14/12/06. ▪ Responses sent to Hans Bailiht, with a copy to Dean Brown.
	7.40 PM - Ben Brazzalotto arrived.
5.	<ul style="list-style-type: none"> ▪ All documents submitted to the SCCC are public documents and PIRSA are happy to provide copies of these documents as required. ▪ Copies of all the latest MARP and Appendices hard copies and electronic documents to be placed into the Strathalbyn library and the Council Chambers. ▪ MARP document will also go onto the PIRSA website.
	<p>Director of Mineral Resources, Dr Ted Tyne’s comments</p> <ul style="list-style-type: none"> ▪ TSF will be double lined to the satisfaction of the EPA, which is the regulatory body responsible for licensing the TSF. The lining system has been subject to rigorous scientific, environmental and engineering analysis and that would have to be done to meet the EPA’s requirements. ▪ PIRSA and the EPA have been discussing the design and configuration of the double liner and the fail-safe containment concept for the tailings facility. These discussions have been over a period of at least nine months. ▪ PIRSA had not explained to SCCC over that period, the detailed technical analysis of the design process that was being undertaken and wish to apologise for the omission.
	<p>Chief Inspector of Mines, Greg Marshall’s comments</p> <ul style="list-style-type: none"> ▪ Terramin has responded to all technical requirements of both PIRSA and the EPA as part of the development of the design of the TSF. ▪ Good technical and engineering reasons for the way that the TSF lining is designed. ▪ PIRSA wish to present to the SCCC at this meeting the design principles behind the double liner and an assessment by our independent expert of the current design and the design principles as outlined in the MARP.
6.	8.00 pm Peter Reilly – EPA Presentation outlined the general principles of the HDPE linings in relation to the thickened tailings feed.
	8.10 pm Richard Jewell – Metago Presentation on the assessment of the design, principles and the engineering principles behind the design of the TSF.
	8.20 PM Fred Carrangis arrived.
	Groundwater issues were raised and discussed in detail during the presentation. 9.15 pm End of Richard Jewell’s TSF presentation.
	BREAK
	9.30 PM QUESTIONS
	<ul style="list-style-type: none"> ▪ The Chairman stated that, “the principles set by PIRSA have not been varied from the beginning”. ▪ The Chairman reminded the SCCC that ATC carried out analysis on what rainfall event would be required to fill the TSF – this would be 1 metre of rain over 2 days to top the TSF. The highest rain event recorded at Strathalbyn, is 225mm and the highest recorded in the district has been 275mm.

Q1	What would happen if the top liner was seriously breached?
A1	<ul style="list-style-type: none"> ▪ Water would enter into the tailings and contamination is likely to form – however trees would should never to be planted on the site and if this is the case, it is highly unlikely that the liner will be breached.
Q2	What can we expect of the visually the tailings would look like, in terms of colours?
A2	Whitish with the salts coming to the surface of the TSF during operations. It is unlikely to be visible from off the lease area.
Q3	Would the dry tailings create dust?
A3	Yes, it can and would have to be watered to minimize the dust. As long as the tailings are wet, dust will not be an issue. This is usually not a major issue on a TSF of this size.
Q4	After the mine has finished and the tailings have dried out, how soon is the capping carried out to prevent dust issues?
A4	<p>ASAP. Capping will commence within one week of mine completion. The decant tower will be accessible for continued dewatering of the tailings until this is dry.</p> <p>Materials going as tailings are 70% solid – 46% water. 25% moisture will remain in the final tailings after settlement. This will remain there ad infinitum. The rest of the water will be recycled back through the treatment plant.</p>
Q5	Will tailings heat up with any chemical reactions?
A5	No, the tailings are completely stable.
Q6	Will the deposit of waste on site be covered by a caveat? Are there enough restrictions in place to prevent anyone in the future tampering with the encapsulated tailings?
A6	<p>EPA would address any future new development on the site in the management plan.</p> <p>EPA has 5 points to assess new proposals – emissions to air, emissions to water, noise, waste and site contaminations. Lands Titles Office Section 7 Statements would inform any potential purchaser of the tailings on the site.</p>
Q7	If Terramin owns the land of TSF and sells the land to a third party – If someone wants to construct a fence across the tailings, who checks that the HDPE liner is not damaged?
A7	<p>There a formal register on the title of the land and an encumbrance will be on the title.</p> <p>Section 7 statement covers these issues, the council may capture this on the development plan and there are other checks in place.</p>
Q8	What if birds drop seeds, who controls the trees?
A8	The top liner is assessable and is easily repairable if there is a problem with puncturing down the track.
Q9	In modelling 100% tailings on the ground – what happens if more resources are found?
A9	The TSF site cannot be enlarged and hence the double liner cannot be extended. A new application would need to be submitted to PIRSA. The facility cannot be extended.
Q10	How critical is it for the TSF to be located at least 100m from 1:100 year flood zone?
A10	That is a requirement by the Department of Water Land and Biodiversity Conservation.

	OTHER PRINCIPLE ISSUES
	<ul style="list-style-type: none"> ▪ Evaporators – These will now no longer be used on the site. ▪ The issue of the 1:100 year flood levels – there is a response from Tonkin’s addressing this issue. ▪ The use of cyanide – this will not be used in the floatation process on the site. ▪ The issue of blasting times. The new MARP has addressed this now. ▪ NATA certification for the tester of the lead analyse has been verified. ▪ The issue of the number of vehicles entering the site with three shifts has been addressed. ▪ Questions about the closure of the site have been answered and will be updated in the MARP in the form of a whole new section. ▪ Trevor Riches submitted four questions from the school council of which two have been answered, TR answered one, and Terramin is currently answering the last one.
	<p>A Hard Copy Of The Closure Report (Dec 2006), and the two Dust Modelling Reports to be sent to SCCC.</p> <p>ACTION: John Burgess from Terramin to provide.</p>
	<ul style="list-style-type: none"> ▪ Two outstanding issues are Landfill Licence Transfer and Extractive Minerals Lease (EML) transfer from Garwood to Terramin. ▪ When these issues are resolved the SCCC will be informed.
	<ul style="list-style-type: none"> ▪ If there are the issues or concerns then these are to be sent to Hans Bailiit and Dean Brown who will get the answers and pass them on to the committee. ▪ Dean Brown stated that he would call a meeting if major issues arose. Any significant issues would be passed onto the SCCC members as they occur.
	Terramin are currently in discussions with Transport SA regarding traffic arrangements and as these are resolved the committee with be kept up to date.
Q11	Greenhouse Gas – have Terramin planted any trees on their properties yet?
A11	Not as yet, but they are collecting seeds and waiting for the correct seasonal conditions for planting.
	<ul style="list-style-type: none"> ▪ Trevor Riches thanked Terramin for scheduling their explosive trucks to avoid busy school times and school crossings.
	<ul style="list-style-type: none"> ▪ Dean Brown thanked the Committee for all of their hard work, their commitment on the issues and concerns that have been raised. He also thanked Terramin for there and open communication in working through the issues and PIRSA for all their commitment to this project. He did not expect the SCCC to meet again before the MARP was approved.
	<ul style="list-style-type: none"> ▪ Anne Woolford passed on the thanks from local members of the Strathalbyn Community and that that work of the SCCC is appreciated.
	<ul style="list-style-type: none"> ▪ Committee will carry on into the new stage, with the Chair calling the next meeting of the SCCC when he feels appropriate. It is anticipated that there will be no meeting called within the next 4 to 6 weeks.
7.	MEETING CLOSED 10.35 PM