

MINUTES OF MEETING
STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE

Thursday 20 November 2008

@ 7.00 pm

Senior Citizens Hall, 6 Parker Street, Strathalbyn

PRESENT:

Charles Irwin - Chair	Fred Carrangis	Susan Jettner	Julia Currie
Barry Davis	Mike Farrier	Adrian Pederick MP	Anne Woolford
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PIRSA:

Hans Bailiht			
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TERRAMIN:

John Burgess	Anya Hart	Andrew Robertson	John Cooper (Basset)
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APOLOGIES:

Trevor Riches	Roz Twartz	Trent Rusby (Proxy for AW)	Greg Marshall
Ben Brazzalotto	Ted Tyne		

Meeting commenced at 7.05pm (recording #14)

1.	WELCOME BY CHAIRMAN. Chairman welcomed the committee including a guest observer from Terramin's Algerian operation.
2.	APOLOGIES Apologies were accepted, as outlined above.

3.

REVIEW OF MINUTES of LAST MEETING

Minutes from 21 August 08 accepted as true and correct – with the exception that Adrian Pederick MP was an apology only.

Matters arising not covered:

Application for re-injection of dewatered ground water – EPA will meet with Terramin and PIRSA shortly to address this application.

Feedback as to the progress of this re- injection application at the next meeting

Mine site revegetation plan has been prepared and will be provided to the SCCC later at this meeting.

Peter McSherry's issues have now been resolved and the matter has now been closed.

Rainwater tank lead level survey to be completed annually in August - draft results are in with no issues to report, and **the final report will be provided to the SCCC at the February 09 meeting.**

Public viewing area reconstruction has now finished and is available for the public as an observation area.

A4 paper for the committee's use has been brought to this meeting and is available for any members to take home for their use for SCCC printing.

JB briefed the committee on current exploration work being carried out in the district.

The Chairman sent his annual review letter to the Minister and subsequently had a meeting with the Minister in October with no negative issues arising. This will in the future be an annual report to the Minister outlining the activities of the committee.

The Chairman's Annual Review Letter to be circulated to the SCCC committee.

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Review of Lease/MARP Compliance Status

This item is included to show that PIRSA is doing its job as regulator and to communicate any community concerns to both Terramin and the SCCC.

This report was given by Hans Bailiht – Senior Mining Assessment Officer

There have been a number of meetings with Terramin over the last quarter to discuss operational issues. Terramin also met at PIRSA's office twice over the period to discuss MARP issues which will be presented to this committee later on.

Nov 07 a meeting was held together with EPA, Terramin and PIRSA at Peter Mc Sherry's property to address the outstanding issues that he had with the current Angas operations. These were all resolved at that meeting.

Nov 10 PIRSA had a Terramin site inspection of the mine site, checked the management plans and were shown the operational matrix that has been developed so that all the requirements of the MARP can be ticked off as they become due.

Nov 13 the third stope blasting was carried out for which PIRSA officers set up a separate blast monitoring equipment along side Terramin 's monitor – the readings were for Leibrick vibration 0.38mm which was far less than expected and for Glovers at 0.9mm– as a comparison a semi trailer truck came down the road which registered 0.25mm.

PIRSA has had no complaints directly from the public over the past quarter.

A planned site inspection of the TSF with Prof. Richard Jewell has been scheduled for 11 December 08.

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5.

Review Of Mine Programme/Actions For Next 3 Months:

Report provided by John Burgess:-

- Next newsletter is due out by the end of November 08.
- All external exploration drilling is currently on hold. On site three backfill holes are currently being drilled for future mine stope backfill operations into the Garwood shoot
- Next month two further stopes will come on line with more in December and January 09.
- Remote loading has just been commenced this is new for the Angas Zinc Mine.
- The noise monitoring is being currently carried out.
- Lighting survey has been completed and the report will be submitted to Terramin shortly from the contractor however it appears that all complies with the MARP requirements. **This will be submitted to PIRSA**
- Dust monitoring is being carried out and a new sprinkler system has been installed around the mine site – in banks of 15 impact sprinklers to maximise pressure in the line which can be switched on to prevent dust on windy days. Water use is from the mine dewatering pond.
- Installation of internal fencing and automatic gates has now been completed. Some signage and low level lighting is still required to be installed.
- Employment levels 71 employees on site, with 80% living in the Adelaide Hills. All positions are now filled and no further people are required to operate this mine.
- No lost time injuries in the last three months with 3 medical treated injuries on site over the last quarter.
- If Nyrstar smelter closed at Port Pirie the lead concentrate would need to be shipped off shore, but Terramin assured the committee that it is unlikely that this operation will close as this is the only lead smelter in the southern hemisphere.

6.

Quarterly Environmental Report:

Report Provided by Anya Hart:-

Follow-up issues outstanding from last meeting.

- Water level monitoring is for the around the TSF wall is being carried out as part of the day check on site.
- Bird monitoring on the TSF pond is also part of the day check which has shown that there is very little bird activity in this area.
- The weather station is operating but the data is not being used officially as this is not a requirement to report these details. It is there however as backup data if there are exceptional recordings.
- Lead monitoring in rainwater tank and regional soil annual survey has been has now been completed with a draft report currently being evaluated which should be released shortly.
- The light survey has been completed and when this report has been finalised it will also be released.

Quarterly Report No 9 for July to September 2008

The Quarterly Environmental Report presentation is available as a PowerPoint slide format and explained to the committee.

Hard copy of the PowerPoint presentation was distributed.

Main Issues arising from the presentation

- Surface water there is no correlated evidence that turbidity in the Angus River and the mine site are not related. **This needs to be corrected in the presentation.**
- Iron and nickel reading seem high in the surface water readings. Are there any reasons for this? – Unknown.
- RG7 & RG8 readings seem to be reading higher. Are there any reasons? – Unknown.
- LG2 water levels seem to be lowering. Is there any known reason for this occurring? - this is due to draw down from the mine dewatering operation at which is approximately 4 litres per second.
- STEDS ponds are currently full, but there are no plans to use this water on the mine site. Taylor are not irrigating from the ponds. No STEDS water has been used for the last 6 to 8 months.
- Dust monitoring: there is no MARP standard for dust deposition only for volumetric readings and there is an error in the table in appendix H of the body of the MARP in respect to deposition rates. **This is flagged to be corrected in the MARP.**
- **Aerial photos showing the site should be upgraded** as these are still from prior to the mine site being constructed. Terramin have researched this but have not been able to locate any other up to date aerial photography. To overcome this, a superimposed plan has been overlayed the photo.
- Weather station data is from Bureau of Meteorology data collected from the Strathalbyn Racecourse.

6 cont

- Dragout is currently being monitored from the private roadway. There is a public road from the new ETSA substation. The new entrance still needs signage to be erected and trees planted to complete the new entranceway. Every Thursday a contracted street sweeper cleans the access roads on and off the site. This issue has now resolved itself with the new roadwork now in place.
- Recycling on site – none for the last quarter. All materials are separated and stored on site.
- Has there been any more progress on the changing of the speed limits on Callington Road? Answer - No.
- Monthly odour monitoring at Glovers using a portable unit this is being done to satisfy MARP criteria but it is not believed that there will ever be any odour problems from the mine site.
- Revegetation plan indicates that some planting will be carried out on areas with no topsoil. This will be an issue and should be revised. Hydro-mulching appears to not have been successful and care should be taken when planting trees that they are planted in adequate growing medium for them to survive. **The revegetation plan should be discussed in detail at the next SCCC meeting.**
- How are the current trees being watered? Terramin have indicated that they are irrigated but which water is being used and if SAWater is being used how are the restrictions being addressed? **This question was taken on notice and will be reported in detail at the next SCCC meeting.**
- Visuals photo points this time appear more consistent and the photos taken are being stitched together using panorama photo software. **Could an updated aerial photo be provided with the location of the various numbered photo points and sight angles superimposed on it?**
- The three blasting complaints on the register don't appear to be resolved with a response from Terramin this should be updated. **JB explained how this was addressed with the complainant on site, and will ensure that the register is upgraded. The level of detail of response from Terramin needs to be increased.**
- Annual reporting to PIRSA requires any breaches or injuries to public could this be included in the QER – **a new header will be included in future reports.**

Meeting was interrupted 8.45 to 9.05 for a Break

7.

OTHER BUSINESS

- Unable to locate any later aerial photography but will keep looking.
- **The revegetation appendix from the MARP was distributed to members and will be discussed in depth at the next SCCC meeting with a presentation of an update revegetated schedule.**

Discussions on Proposed MARP Amendments*Noise Monitoring amendment proposals presented by John Cooper*

The issues is that the MARP requirements state that noise monitoring must be carried out over an attended 24hr period from six locations once per quarterly period. Being time consuming, costly and subjective in carrying out this operation which has become prohibitive and an alternative proposal was submitted to PIRSA for consideration. PIRSA has suggested that the SCCC should have an input into this proposed variation.

The suggestion is to locate 2 noise receiver locations on the mine site and to model the maximum noise permitted at the current locations and to calculate back to the new on site locations the maximum readings would be to obtain the noise limits off site. This method would exclude other noise eg wind, traffic and bird noises.

Two models would be done – one for day time and then for night time.

The SCCC discussed this alternative proposal at length and in detail which included removing certain frequencies, which was explained this would be difficult and generally the committee concluded to be receptive to the suggestion to amend the monitoring.

Terramin clarified that the monitoring would be carried out on a quarterly basis with additional extra spot checks.

It was suggested that **PIRSA revisit the original noise comments provided to PIRSA on the mining proposal to see if there were any other concerns that these new proposal change may effect and that the discussions have not picked up on.**

Dust Monitoring amendments for the MARP presented by Anya Hart

Changes to the deposition measurement should be changed from a volumetric to a surface area measurement. The SCCC had no issues with this change.

Groundwater Monitoring amendments for the MARP presented by Anya Hart

Propose that the data is divided into two populations “On Site” and “Off Site” and these will be measured against the average of the baseline data against the average of the actual data. This will then provide the statistical difference. All bore data will still be tabulated and presented in the reports but this should give a more accurate indication of the trends.

After lengthy discussions on standard deviations, statistical techniques and Bell Curves, the SCCC indicate that they would be guided by the appropriate statistical techniques to be used and can see the benefits of this amendment and are comfortable to leave the decision with PIRSA.

<p>7. Cont</p>	<p><i>Surface Water Monitoring amendments for the MARP presented by Anya Hart</i></p> <p>It is proposed to monitor all surface water runoff leaving the mine site from the culvert on Swamp Road (Burnside Creek) and from the south-eastern corner of the lease at the overflow of the silt retention dam will be monitored. This monitoring will only be carried out during rainfall events when there is runoff the mine site.</p> <p>Terramin still intend to monitor, on a monthly basis, the current sites on the Angus River in the Strathalbyn township for there own records.</p> <p>The SCCC are happy to support this proposal.</p>
<p>8.</p>	<p>FUTURE MEETINGS</p> <p>Thursday 19 February 2009</p> <p>Meeting at Senior Citizens Hall @ 7.00pm</p> <p>Frequencies of SCCC meetings are once every three months on the third Thursday of the month.</p> <p>Future meeting dates are: -</p> <p>Thursday 21 May 2009</p> <p>Thursday 4 August 2009 (This meeting date has changed due to the Chairman's commitments)</p> <p>Thursday 19 November 2009</p> <p>Thursday 18 February 2010</p>
<p>9.</p>	<p>MEETING CLOSE</p> <p>Meeting closed 10.20pm.</p>