

MINUTES OF MEETING
STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE

Thursday 19 November 2009

@ 7.00 pm

Senior Citizens Hall, 6 Parker Street, Strathalbyn

PRESENT:

Charles Irwin - Chair	Fred Carrangis	Susan Jettner	Julia Currie
Barry Davis		Anne Woolford	Mike Farrier
			Gallery 3

PIRSA:

Hans Bailiht	Ted Tyne	Virginia Simpson- Sec	
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EPA:

Peter Riley			
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TERRAMIN:

Anya Hart	Andrew Robertson		
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APOLOGIES:

Adrian Pederick MP	Ben Brazzalotto	Greg Marshall	Tony Sheldon
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Meeting commenced at 7.05pm

1.	WELCOME BY CHAIRMAN Chairman welcomed the committee.
2.	APOLOGIES Apologies were accepted, as outlined above.

<p>3.</p>	<p>REVIEW OF MINUTES OF LAST MEETING</p> <p>Corrections: Spelling error: ‘taring’ to ‘tearing’ pg 8. Spelling error: ‘Wolford’ to ‘Woolford’. Mike Farrier an apology.</p> <p>Minutes from 6th August 09 accepted as true and correct.</p> <p><u>Matters Arising</u></p> <p>‘PIRSA to review whether onsite bores are compared to offsite bores and appropriateness of not reporting sites together like in MARP’: PIRSA and Terramin have met over this issue and PIRSA are now waiting for official documentation.</p> <p>‘PIRSA to inform SCCC on water balance advancements via email (on monthly basis)’: Has been actioned, PIRSA have emailed monthly to SCCC participants. Note: Fred has not received.</p> <p>Action: All to check emails have been received and notify Hans if not</p> <p>Action: Hans to re-email to Fred.</p>
<p>4.</p>	<p>REVIEW OF LEASE/MARP COMPLIANCE STATUS</p> <p>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.</p> <p>Report given by Hans Bailiht –Principal Mining Regulator</p> <ul style="list-style-type: none"> • Last three months have been busy. PIRSA has required Mine Manager and Chief Executive to attend weekly meetings regarding water reduction in the TSF. Daily water level records have also been received from Anya but, as solids displace TSF water, water level not an appropriate measure so a weekly survey of the surface area is being undertaken. Currently the surface area covers 55,000 sq metres, and this needs to be reduced to 15,000 sq metres by January 10th. This would require an average reduction of 4,000 sq m per week; however last week a reduction of only 600 sq m was achieved, but this rate should increase. • Don’t know how deep the TSF is at the 15,000m² limit is hence the excess volume of water to be reduced is uncertain. PIRSA has requested this depth be measured ASAP. This measurement will determine whether water reduction rate needs increasing to meet the deadline (requiring an additional temporary RO plant to clean the TSF water for re-injection and other disposal methods). • PIRSA and Terramin have agreed regarding Noise monitoring upgrades in the MARP which will be on a trial basis for twelve months and then reviewed.

	<p>PIRSA is now waiting for Terramin to produce the formal documentation.</p> <ul style="list-style-type: none"> • Soil has been removed from the base of trees that had been identified as being at risk. • Revegetating the wall of the TSF has been suspended on advice of Rural Solutions SA (too late in year to guarantee success). PIRSA is very disappointed that this has now slipped for another year. • Tailings density still not up to 70%. It achieved 66–67% for a short period however there were strains on pumping equipment that need addressing before the 70% target can be achievable. • Backfill placement of tailings underground (as required in MARP, October start) has not yet begun. TSF volume should still be satisfactory. • Overall, Terramin are currently non-compliant. PIRSA is confident that the company will regain compliance [in reasonable timeframe] but this is requiring a very resource intensive effort on both part of company and PIRSA. Tailings dam is a priority. • PIRSA is now more comfortable that water balance now under control. TSF level dropping and disposal of clean water across road yet to come. Confident that company will regain compliance within a reasonable time frame and that short term situation is unlikely to increase risks of problems.
5/6.	<p>REVIEW OF MINE PROGRAMME/ACTIONS FOR NEXT 3 MONTHS AND QER Please see Terramin powerpoint presentation, spoken to by Anya Hart.</p> <p>Note that information presented in powerpoint pertains to July-Sept period only.</p> <p>Discussion points:</p> <ul style="list-style-type: none"> • Minor MARP amendments on back burner due to preoccupation with TSF water problem; mainly about reporting formats. • LG2 now dry. • Re Noise monitoring, Terramin proposed a 12 month trial of new system of 24-hr loggers for 1 wk every 3 months in lieu of (not parallel to) existing system. Terramin says “very little useful data from current system” (road noise interruptions) and cannot see value in having two systems running (as backup) because there are not that many systems on the market: would basically mean duplicating. Company will hire equipment if necessary and bring in specific expertise to troubleshoot. <p>Action: Terramin to present proposed noise contour designs and explanations of calibration at next meeting</p> <ul style="list-style-type: none"> • Intermittent blast monitoring failure. Too often. No official complaints about

unrecorded blasts (although JC noted she had heard 2 comments on blasting; AH: possibly stopping blasts?). Unacceptable for this to continue. Was earlier difficulty with blast monitors, now are difficulties with Telstra connection for downloading data. Presently manually downloading, but no data was captured for period when monitors were down. Terramin to make continuous monitoring a priority.

Action: Terramin to ensure continuous blast monitoring.

- Resident odour diary to be reactivated in the summer months if possible. JC noted commuting builder has also observed “car gas type smell”. AH reported one resident has experienced headaches, can’t sleep. Terramin still working closely with neighbours on this issue.
- 1,250 trees planted. Tree planting is on schedule around the site apart from the TSF wall. This year’s revegetation around entrance, car park.

Action: Terramin to continue hand spray programme to eradicate weeds.

- EPA EIP: Almost all dust measures from Dust Management Plan are in place. Still outstanding is a satisfactory system for closing the conc shed doors. A roller door option is currently being costed. An excessive dust incident was raised logged internally recently: indication that awareness of the issue being successfully raised.
- PR/EPA believe summer will be hot and dry: need to resolve dust issues before summer months really begin. Still believe Conc Shed the source of any problems. EIP is currently voluntary, but EPA has option to make it ‘less voluntary’ if progress is not evident. No firm timeframes as yet. Christmas mooted as deadline for door fixing, but could be difficult due to time of year.

Action: Terramin to add dust control measures and the progress on solving the door closure problem to the community newsletter.

- Screening of TSF wall: Rural Solutions were ready to go in October, but advised it was too late. Now planned for May 2010; hydro seeding native grasses with seed from Greening Australia. To provide coverage for the life of the mine. Evident from presence of weeds that native grasses would grow. Irrigation too costly, too little top soil. Rural Solutions SA have undertaken rehabilitation for many PIRSA related mines and native grasses are at least a good short term solution. At least a pilot on a small plot could have been useful this season. This could still be possible. Noted that the Goolwa – Wellington Local Action Planning Group has a significant seed bank, could be a source of seeds.
- Microbial data shows no problems in groundwater bore LG2.
- Terramin investigation indicates that explosive trucks on wrong routes were same company going to other places (not Angas Zinc Mine). However SCCC member has seen same trucks turning into the mine.

Action: Terramin to speak to company about consistency of truck route use.

- Preliminary meeting held with council re a proposal being considered to build a weir between end sections of STEDS ponds to dry section above upper drives. Might be in place about 18 months. PIRSA and Council need

to be better included in any further discussions on this. Need also to be aware of risks of odour increase in drying out middle section.

Action: Terramin to work up any proposal then report back to SCCC well prior to any action.

- Generally agreed that the Sandfire currently under dirt cannot be saved: was too late already when issue came to SCCC attention.
- Terramin want to reactivate exploration program, throughout Fleurieu and particularly to the north of Strathalbyn operation. Any prospects would be assessed on merit. Have a clear understanding of mining and approval process requirements and existing operation constraints in relation to any further development or operational expansion on site. Site limit of 2.1m tonnes stands.
- Terramin recruiting for new CEO and General Manager for Angas. Moriarty moving to Non-Exec Chairman, Bus Development. AR also likely moving on in his role, was always meant to be temporary. No local significance to recent 10% Chinese investment and board representation.
- Mine currently employing about 70 people, about 75% of which are from the broader region.
- Newsletter now scheduled for December. To include SCCC recruitment.

- Break -

7.

REVIEW OF ANGAS MINE WATER BALANCE

- Terramin presented new TSF Surface Water Plan showing location of the decant pond area as of Nov 16, 2009.
- The relative level measurement of the water levels are not entirely accurate as tailings are being continually placed within the TSF which displaces the water and hence does not give a clear indication of the volume of water remaining within the TSF.
- Company is currently doing investigation to find how to safely place tailings underground. This is a requirement of the MARP.
- Dissatisfaction was expressed that the water levels were allowed to reach this point rather than being rectified with greater haste.
- EPA supported in principle that Terramin can send the treated RO water to the STEDS ponds however appropriate water quality monitoring would need to be established. These finer details of the monitoring still needs to be addressed prior to any water being discharged into the STEDS ponds.
- The STEDS ponds are currently at about half their capacity
- Discussion on whether excess water could go to STEDS: company is willing to do this as a public benefit gesture. However must be remembered that the excess water is only a temporary issue [and could not be used as an ongoing source for STEDS]. Other option is to just treat water and to reinject this water underground: the technicalities of latter option are yet to be determined by Terramin, but either option (STEDS or reinjection) would work equally well for company. The main issue of reducing the water level in TSF is unaffected by where the water goes. Company believes January 10 deadline for water level reduction of the surface area to below 15,000 m² is still possible.
- Only tailings can go in TSF and no other water. The risk of contamination is presently low, however a major rain event would potentially pose a problem.
- MF noted that hydrology reports presented earlier were largely 'rubbish': hydrology reports were unable to be accurate and should be presented thus. Terramin indicated that there was no risk, and look what has happened now.

Action: Terramin to maintain regular updates to community by email.

8.

OTHER BUSINESS FOR DISCUSSION

Membership: Need several replacement members. Agreed that first course of

	<p>action will be to revisit original list of applicants from when SCCC first formed: may be people worth approaching on that list. Other suggestions to be sent by email. To be mentioned at next Council meeting and inserted into next Terramin and council newsletters. Then review potential members to ensure appropriate cross section of skills.</p> <p>Action: PIRSA to check original membership suggestions Action: SCCC to email to Charles suggestions of new committee members Action: Council to raise issue at next Council meeting and insert into next Council newsletter Action: Terramin to note vacancy in December newsletter</p> <p>Mine Closure: Mine currently two years through a seven-year projected life span. Need to know what has been/is being done in terms of how the mine will close, and involving the community in inputting into that.</p> <p>Noted that land tenure is a key issue to be clarified before any useful discussions can begin.</p> <p>Mine closure planned for preliminary discussions in two meetings time. (May 2010). . PIRSA and Terramin are to present at this meeting: parameters of mine closure planning, what current plans are and scope for community input.</p> <p>Action: PIRSA to email mine closure section of MARP to SCCC members. Action: PIRSA/Terramin to clarify land tenure issues and constraints on future land use (with Council) and present to SCCC May 2010 meeting.</p> <p><u>Roundtable comments/questions and answers:</u></p> <ul style="list-style-type: none"> • Weeds around carpark and site office are unsightly and give poor impression of management: gardener is coming into to attend.
9.	<p>MEETING CLOSE Meeting closed 10.10pm.</p>