

MINUTES OF MEETING
STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE

Thursday 3 March 2011

@ 7.00 pm

Senior Citizens Hall, 6 Parker Street, Strathalbyn

PRESENT:

Charles Irwin - Chair	Fred Carrangis	Susan Jettner	Karen Hawke
Ben Brazzalotto	Mike Farrier	Anne Woolford	Mark Dale
Rhonda McCarthy	Malcolm Twartz	Adrian Pederick MP	
Gallery 8			

PIRSA:

Nicole Edkins	Henry Andryszczak	Merri Tothill – Sec
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TERRAMIN:

Anya Hart	Robert Howie	Stephen Marlow
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EPA:

Rob Lyons (first part of meeting)

GUESTS:

Graham Webster, Alexandrina Council

APOLOGIES:

Julia Currie, Barry Davis

Meeting commenced at 7 pm

1.	WELCOME AND INTRODUCTIONS Charles Irwin welcomed all. Karen Hawke (new Member) was introduced. Karen gave a brief synopsis about her background and interest in being a member of the committee.
2.	APOLOGIES Apologies were accepted, as outlined above.
3.	REVIEW OF MINUTES OF LAST MEETING Corrections to 18 November 2010 minutes: Section 4 PIRSA Report – Sue Jenkins should be Sue Jettner and in 9. Other Business – John should be Ron. 18 November minutes, amended as above accepted as true and correct. NB minutes are available on the PIRSA website.

4.	<p>PIRSA REPORT – Nicole Edkins Site Tour on 13 January 2011, included meetings with Anya and inspection of the mine. Water is the only issue, no other issues. No questions for Nicole.</p>
5.	<p>REVIEW OF MINING OPERATIONS FOR ONCOMING 3 MONTHS Please see Terramin PowerPoint presentation, spoken to by Anya Hart, covering October-December 2010 with some data from first months in 2011. The presentation will be available on the PIRSA website www.pir.sa.gov.au/minerals/sa_mines/approved_mines/angas under Wider Community Engagement.</p> <p>In summary the report contains information on issues that will be the focus for the next few months:</p> <ul style="list-style-type: none"> • Continuing to refine water treatment process • Noise monitoring up to March • Drilling rig on site • 6 monthly photos • Annual compliance report due at end of March. <p>Questions: Will the drilling rig stay? – Yes, there will be a press release on this in about 3 weeks; the current drill holes are looking promising. Currently the drilling rig is sited on the western edge of the STEDS dam. Any proposed helicopter activity? – This is not likely.</p>
6.	<p>QUARTERLY ENVIRONMENTAL REPORT Please see Terramin Quarterly Report #17 (October to December 2010) by Anya Hart, available in full on the PIRSA website www.pir.sa.gov.au/minerals/sa_mines/approved_mines/angas under Wider Community Engagement.</p> <p>This was sent through to all members a few weeks ago and also placed on the website, so Anya's presentation focussed on a few extra activities.</p> <p>In December held Board meeting on site and feedback received was good, all happy. 105, 834 tonnes of ore processed . Underground decline extended 7,700 m, 260 vertical m below surface. Have recovered reduced production from early last year but need to drive the mine deep. Operations are going well.</p> <p>1. Noise Monitoring Trial of methodology through December and January in 2 locations continuous over several days. Eastern site – full compliance, western site – 4 consecutive nights over level, believe it is related to weather conditions as no operational changes in the area. This monitoring will be repeated at end of March.</p> <p>Question: Any complaints that correlate with the dates of noise level spike (from monitoring data)? – No.</p> <p>AECOM have developed a model to measure noise at noise source and can map this information. The current location of the east and west monitors represent the best sites for monitoring mine noise only as other noise is eliminated.</p> <p>5 noise complaints last quarter resulted in consultation and another 6 in the current quarter to follow up. Mill gear box has been a source, have given additional bracing resulting in small noise</p>

reduction; an additional casing blanket is to be added in next two weeks - yet to find out how that works.

Now no heavy vehicles brought up to surface between 10pm and 7am except in emergencies.

Also closing the gaps in entrance bunding.

Attended monitoring of noise levels at nearby resident's house: OK to 5am, then rising, but may not be mine noise.

Next Steps:

Meeting with AECOM and EPA to find out where Terramin stands with compliance. 50 & 57 dBA is compliance level according to now-current Noise Policy but the then-current 40 & 47 dBA (15min average) levels cited in the MARP will remain as company targets for monitoring.

May need to look at MARP more closely to see if levels were purposely lower?

PIRSA – The levels cited in the original MARP were examples of the intention at that time. However, the compliance required by the MARP pertains to the EPA Noise Policy and it is written so it could move with regulation; EPA interpretation of stated zoning has since altered, hence new levels of 50 and 57dBA.

EPA – the Noise Policy is a framework intended to demonstrate general environment duty and to minimise effect of noise on environment (Section 25).

Zoning definitions used by Councils and EPA has been different. Now as follows:

Rural – 47/40 dBA

Rural Living – no production – 47/40 dBA

Rural Production (includes grazing) – 57/50 dBA

So no change in zoning, averaging has occurred for rural industries.

Questions:

Is MARP locked into 1993 Act and lease conditions? - Yes, .but policies and regulations can change and have done so in 1994 and 2007.

The MARP references the EPA policy and this is 50/57. Yes, acknowledge that but it is a sensitive issue so Terramin is being a good neighbour and so 40/47 will remain as an internal target. For compliance 50/57 is the limit.

Need to make it clear to the community that 40/47 is voluntary and also review the MARP to make criteria more definitive. Important to maintain open communication with residents.

2. Dust Monitoring

High Volume monitoring – all has been clear and lead level below MARP criteria.

Dust Gauges (location of gauges is contained in map in the QER) – one lead level over MARP criteria, correlates with wind data and as only one single sample it is difficult to speculate after the event. All dust mitigation initiatives have been maintained including additional watering.

We have only had 2 seasons to track the trend. Have pinpointed sites and worked on improving these. There is much increased awareness of compliance amongst staff and therefore getting more internal complaints.

3. Weed/Pest Management

Plan is being implemented with more weed control over summer – areas and species have been targeted with improvement shown. Rabbits have been baited.

4. Revegetation

	<p>Completed the 2010 program including replacement of trees. All being watered in their first season.</p> <p>Regards carbon-neutralization planting, in discussion with Council re possible planting sites, haven't approached any other groups. Carbon neutrality is not the main focus only something to strive for rather than a criteria, i.e. the planting of the proposed 32 ha block (now sold) not specified in MARP!</p> <p>Questions: TSF wall, what is happening there? Have used aerial spraying with rye grass seed and also native grasses. Native grasses are germinating and good coverage except where mulched. Natives will also re-seed. This will be monitored and rabbit control undertaken.</p> <p>5. Other. No ground or surface water quality issues. 132 blasts recorded and site waste movements recorded. 5 sponsorships and donations Newsletter produced Next QER will change slightly in its format.</p>
7.	<p>MINE CLOSURE PLANNING PIRSA update – Henry A addressed the meeting stating have had good discussions with Council (letter tabled). Have appointed Graham Webster who will attend meetings to support discussions on post closure considerations.</p> <p>Graham Webster (General Manager of Strategy, Environment and Economic Development, Alexandrina Council) addressed the meeting. SCCC in the best position to deliberate on closure if it so wishes. Graham will come to future meetings. Council is keen to be involved and recognises there is lots of detail to work through. Graham can offer continuity with the committee as he was involved in original approval process.</p> <p>Resolved to form a sub- group be formed to work through details, roles, what is to be done and by when. Action: Appointments to sub-group at next meeting; initial outline of closure scenario to be prepared by Chair.</p>
	<p>BREAK at 8.35 for 20 minutes</p>
8.	<p>REVIEW OF ANGAS MINE WATER BALANCE AND TSF ISSUES Rob Howie presented and explained the TSF design and operation.</p> <p>Current status. As at March 1, 2011 TSF at RL of 71.33m and 51,859sq m. 2 micro filtration plants are running and treating water. Large RO is still having issues; apparently under designed. Now have new on-site staff and plant has run well for past week and a half consistently at 490 cubic m/day. Plant output of 600 cubic m/day appears likely, higher than previously indicated. RO filter system redesigned, to be installed during ETSA regional shut down on Mar 21st. Unseasonal rainfall includes 51mm in 2 hours and 77m this year to date. Weekly report has been sent to all members.</p> <p>Design of RO must cope with electrical faults, turbidity and chemical balance.</p> <p>Paste back fill has been re-engineered by John Burgess; had been limited by wrong gear boxes but can now achieve 68-70% solids. Wet commissioning next week. This should save 5t water per hour from TSF.</p>

	<p>What has been achieved? Have reviewed all inputs and reporting. An expert has reviewed the Ro process and recommended actions. Veolia are committed to this project. We know why it is happening and are close to achieving this and will be able to report back when achieved in another few weeks. pH is steady at 7-7.5 pH.</p> <p>Seepage has just been monitored and dam is being managed better: all issues addressed and no concerns. The major issues is maintaining buffer.</p> <p>If STEDS not available have 4 re-injection bores. Still getting 10l/second coming out of the mine and draining as it gets deeper. It is a very sensitive balance. All runoff on site is directed to other areas, not into the TSF.</p> <p>Annual TSF audit consultant inspection done on Feb 7th; report yet to be received but indications are that all is regarded as satisfactory.</p> <p>Question: Is it possible to catch up on paste fill underground (60-70%)? – Yes, starting next week. PIRSA is happy that Terramin is doing all it can.</p> <p>Action: Terramin to keep up with weekly e-mail up date and include revised projection graph when available in 3 weeks.</p>
9.	<p>OTHER BUSINESS</p> <p>Committee contact details Ongoing up dating occurring. No contact from Tony Sheldon since his appointment, so remove from list; a school replacement should be considered.</p> <p>Action: Merri will circulate latest file to ensure correct and also give each member access to full contact details. She will provide name tags at each meeting to assist new members to learn everyone’s name.</p> <p>Site Tour Introductory site tour organised for new members – surface and underground on Thursday 14 April, at 3pm. Longer term members are invited to attend surface tour only due to logistics and vehicles availability.</p> <p>Action: Members to email Anya Hart re attendance.</p> <p>MARP 2007 Some criteria need up dating, so it is timely for a review. Aiming to have criteria by May 2011. A full MARP review will make the criteria much clearer as current one is dated. New MARP required to reflect current operations including mine closure. Stephen Marlow will be involved and draft will be presented to the Committee.</p> <p>Terms of Reference for the SCCC should also be revisited. This should be done in conjunction with the revision of TORs for other similar groups and make use of work previously drafted rather than as a stand alone SCCC effort.</p> <p>Round Table Discussion of other issues (Not discussed above) Congratulations to Anya who is expecting a baby. RH and Ray Greenhill, Health and Safety Superintendent will ensure continuity with Anya’s role, when she takes maternity leave.</p> <p>MF questioned whether the legal documentation of a caveat over the mine site restricting future development had been completed; this is a Lease condition. AY replied that this can be left until mine closure.</p> <p>Publicity and advertising the meetings</p>

	<p>Meetings to be advertised in Mt Barker Courier and Southern Argus. Seen in Mt Barker Courier but not Argus. Stephen will follow this up with Argus management. Terramin continues to place an article in local newspapers on quarterly basis. Next article to be on new members.</p> <p>Ben commended Terramin for sponsorship, noting that there are a variety of community organisations in Strathalbyn. Terramin are looking at doing a full community engagement strategy.</p> <p>Thanks to Ron and his wife Ruth for hall and catering and thanks to all in attendance.</p>
10.	<p>FUTURE MEETINGS The next meeting will be held on Thursday 19 May at the Senior Citizens Hall @ 7pm.</p> <p>Frequencies of SCCC meetings are once every three months on the third Thursday of the month. Thursday 18 August 2011 Thursday 17 November 2011</p>
11.	<p>MEETING CLOSE Meeting closed 10.10.</p>

ACTION LIST

All	Appointments to Mine Closure sub-group at next meeting
Terramin	Keep up with weekly up date email to all members
Merri	Circulate latest file to ensure correct and also give each member access to full contact details. She will provide name tags at each meeting to assist new members with learning everyone's name.
New members	Members to email Anya Hart re attendance at Mine Tour on 14 April, 3pm.