

MINUTES OF MEETING

STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE

Thursday 16 May @ 7.00 pm
Senior Citizens Hall, 6 Parker Avenue, Strathalbyn

PRESENT:

Charles Irwin - Chair	Anne Woolford	Susan Jettner	Mike Farrier
Mark Dale	Malcolm Twartz	Karen Rogerson	Adrian Pederick MP
Julia Currie	Ben Brazzalotto (later)	Merri Tohill – Sec	

DMITRE:

Hans Bailiht Greg Marshall

TERRAMIN:

Matt Daniel Joe Ranford Nic Clift, Managing Director Kirsty Margetts Rene van Oevelen
and CEO

EPA:

Glenn Sorrenson

GUESTS:

Karlene Maywald - presenting on behalf of groups interested in future land use of the Mine site (post closure).

APOLOGIES:

Fred Carrangis, Rhonda McCarthy, Ted Tyne (DMITRE).

Gallery approx 25 - including Terramin staff, Mike Riley (Communications) and URS Consultant (Mine Closure Planning) - Andrew Piggen.

Meeting commenced at 7pm

1. WELCOME, INTRODUCTIONS AND APOLOGIES

Charles Irwin welcomed all and thanked everyone for attending. Apologies were accepted, as outlined above.

POST-CLOSURE LAND USE OPTIONS – Karlene Maywald - Presentation

The meeting started with the presentation by Karlene. She thanked the committee for enabling the presentation, mentioning that there has been a lot of talk around the district re this topic with a number of groups expressing interest in the site and what might happen with it. They have come together to work in partnership, lead by Equestrian Australia (SA) and based on common interest of having a multi-use facility.

Groups that have shown interest and their proposed activities/facilities include:-

Equestrian Australia, SA branch – enthusiastic support in principle for a venue for dressage, jumping, eventing etc. No such facility exists in SA. Facilities to include indoor and outdoor riding arena, spectator area, parking, camping, stables, storage sheds, admin area, food and drink outlet, toilet and showers etc.

Community Living and Support Services (CLASS) – this organisation supports people with disabilities, aged and socially isolated to be more involved in the community. They have a vision to develop a working sustainable farm, including a 'homestead' with accommodation, admin and café, farm production area and selling produce at farmer's market.

Pony Club of SA (Southern Zone) – riding arenas for use and competition, similar facilities as Equestrian SA.

Horse SA – promoting access to public land for use by horse owners and riders.

Strathalbyn District Show Society – facilities typical of rural shows and similar to Equestrian SA.

Strathalbyn Polo and Recreational Grounds – development of Terramin site to be compatible with and compliment the Polo Grounds.

Polocrosse – further details to come.

Others – not yet contacted but could include Riding for the Disabled and Scouts Australia.

To have a facility that could be used jointly would be a fantastic asset. Aware of issues of upkeep and maintenance.

Where to from here – seeking support of SCCC to put forward a proposal to SA government to investigate and scope this further, require some funding to do this. Currently do not know what is on site and what can be used, so need to do some work and need some \$ to scope this to the next stage and to see if anything is feasible. Have already had discussions with DMITRE and Minister to let them know interested.

Questions

Who is the 'organisation' proposing this?

We are all of the organisations already mentioned, with leadership from Gareth Heron; Julie Fielder; Heather Webster; Katherine Stanley-Murray; Richard Shoemsmith; Richard Heyneman; Deb Cooke and Karlene Maywald with Luke Jones doing concept development. It is a community driven initiative and a result of 12 months work, it is not something new.

Started when Matt Daniel presented to the Polo Ground Committee re water use. This triggered some thinking re land availability and the need for community facilities and how to get support from State and Local government and partners. Organisations involved are definitely interested but still don't know the potential.

Does the Council own an alternative site, suitable for this use?

Yes, they have land on Michelmore Road, it is in the town plan. Haven't yet discussed this proposal with the Council, so need to do this.

Congratulations on your vision, it is a great idea. Have you spoken with Terramin and are they willing to sell the property or gift it?

Yes, we are talking with Terramin but have not taken it any further as yet. We need to keep talking to increase knowledge of closure requirements. Some areas may be difficult to sell but some areas will have market value. Currently do not have all the answers.

Who would be the custodian of the land?

Need to look at business options and governance options.

What about environmental concerns?

Still need to know these answers but have to start somewhere and get the ball rolling, then you can get some answers.

Chair's comment - At eventual mine closure base scenario PEPR conditions need to be met; these are still subject to SCCC review and comment. There is still a long way to go.. Currently the equestrian proposal is an expression of interest from those that would like to be involved; it is very positive that they are starting to think about this early and are presenting their thoughts to the group so everyone knows about it.

Karlene – We are interested to hear from the group if you think there is potential. We have to start somewhere and see what is possible. We need about \$20-30,000 for a good scoping study and to fully canvass the organisations to see whether there is real potential for a long term, self funded facility that can maintain itself. Currently have \$0, so looking for SCCC support for us to make representation to the State Government (planning minister), Terramin, Local Council and whole community.

Chair – Thank you for your presentation and attendance. Please keep SCCC informed of progress and we will discuss whether we are able to support your request.

2. REVIEW OF MINUTES OF LAST MEETING

Minutes accepted as true and correct record.

3. DMITRE: COMPLIANCE OVERVIEW - Compliance and Inspections report (Hans Bailiht)

Have had onsite inspections, including TSF now down to 12,903 sq m and water level at 67.44 RL, now only going down a few centimetres. Water area is reducing due to changed method for water near decant towers. Still using sprinklers and reinjecting filtered water into reinjection bores.

Decant Tower - pipe is now unblocked. This is good news to keep reducing water from tailings and will help with the rehabilitation of the site.

One heritage listed tree has died of old age but there are seedlings all around it.

Concentrate doors at ROM Pad are remaining closed.

Compliance report of 30 April is on the DMITRE website.

PEPR will be discussed in more detail later, however the draft has been reviewed and DMITRE are not yet happy with the *Closure* aspect of it. In the meantime we are using the draft PEPR to regulate the operational side of things. This draft will be circulated to the group.

Have had a noise complaint related to humming sound. Have spoken to EPA about this and they are looking into it.

Question/Comment

The SCCC is yet to see the PEPR as a whole committee. Difficult because DMITRE want to see the Closure section completed before it goes to SCCC.

Hard copies are available and also copies on CD available for the SCCC. The issue is that the *Closure Plan* needs to be included in the PEPR and it is complex. Also remember this is an operating mine and geologists are working hard to find more ore.

4. TERRAMIN: REVIEW OF MINING OPERATION (presentation available on website)

Joe Ranford

What is happening at the Angas Mine?

- Safety - In March achieved 12 months without a Lost Time Injury (LTI), very proud of group
- Emergency Response Training - new team members
- Hazard reporting continued to increase
- Increased core safety training

Mining and Processing

- Underground development has advanced to over 11km
- Development progressing on the 360 metre level
- A total 93,989 tonnes of ore was processed, 10,827 tonnes of zinc concentrate and 4,730 tonnes of lead copper concentrate
- Exploration result from underground has resulted in approval of development of the 380mL
- Mining out ore body but working hard to find more. Diamond drilling at bottom of mine only adds weeks, not years to life of mine.

Near Mine Exploration

- Currently about 2.5km from the town below Sunter: known as "Angus Deeps".
- Targeting 960m. At 600m, drilling 30m per day on average so should reach 960 in next few weeks.

Regional Exploration

- Commenced in January
- Results in March confirmed presence of a large copper-gold mineralisation at "Pipeline" (Kanmantoo)

- Ongoing geochemical sampling continues over Fleurieu-wide regional prospects
- Have 130 people employed, so working hard to keep this workforce and so effort is in exploration.

Questions

Will any new ore still be milled on site?

Yes, we will keep processing as long as it is economic. Plant is a big asset for the company.

In the deep zone, it appears to have a barren zone above it?

It appears to be banded low grade above, it is anomalously low, it is different and of a different age, may be indicating significant lead and zinc.

Are you attending the Mine Rescue Competition?

We are sending adjudicators as part of our support but not sending a team.

Your approval states that you cannot bring ore from off site onto the lease to process it.

We are not doing this in the short term.

Nic – we were expecting the ore body to go for a few more years but economic conditions have changed. There is mineral down there. The Angas Deeps is not on the existing Mining Lease, so we will need to go through the whole consultation/approval process. In the first week of June, we will be talking with the workforce and community regarding the end of current mining/treatment operations on site.

Keen to see how mining infrastructure can be of some use to the community. Heartened by what Karlene Maywald had to say and believe the proposal has a future. Terramin is keen to look at the legacy issue; however we cannot start rehab until we have stopped treatment. We thought we had 2 more years of mine life but now we are planning for mine closure. We still have a bit more time to get it right.

When you circulate an announcement to ASX, will you circulate this to others?

Yes, will prepare information for ASX and stakeholders - that is our legal obligation and then can circulate an email so all are informed. It will be a reasonably long process.

Chair – Thank you for keeping the group informed and circulating information to the committee. We appreciate how much the culture of the company has changed.

Action: TZN to circulate ASX announcements to SCCC.

Matt Daniel – Environmental report

Please see Terramin Quarterly Report #26 (January to March 2013), available in full on the PIRSA/DMITRE website www.pir.sa.gov.au/minerals/sa_mines/approved_mines/angas under Wider Community Engagement and also emailed to all members prior to the meeting. Hard copy also made available at the meeting. Matt reported on the QER, focusing on exceptions, the unusual and any exceedances.

Environmental and Community Activities

- Annual Compliance Report (formally MARCR) submitted at requested date
- Waste Management Plan - implemented, waste bays, recycling
- Installation of noise curtains
- TSF Rehabilitation trial (soil moisture probe vandalised, repaired in April)
- Seed Collection - 9 species throughout the quarter
- Rabbit fumigation
- Woody Weeds eradication program

Community Interaction - Site tours

- CSIRO Double helix club
- SACOME Mining for non-miners
- SCCC and government regulators
- DMITRE Industry and Manufacturing tour
- Green Triangle Activity Group

- TAFE SA Indigenous Students studying mining – presentation and surface tour
- Sponsorships - CLASS**

Noise Monitoring

Slight exceedance at Box Cut at early warning level, but in compliance.

Noise/vibrations concerns from one resident.

- Ongoing regular discussions attempting to identify and resolve these issue
- Analysis of noise and vibration data
- Consultant from a noise mitigation strategies company (Flexshield) came to site in December 2012 measuring noise around and off-site to determine the main source of noise
- Have had a noise monitor out in the community as an experiment.

Questions

Did you find out what the source of the noise was?

It is hard to find a direct correlation; this is not clear so we are having an ongoing discussion. We have done a lot of work on this, including Flexshield consultant on site and off site. We think we are being compliant but need to investigate more. We are comparing 2 sources of noise and coordinating 2 units.

EPA comment – we have been liaising with Matt and levels are well within both old and new limits. We have communicated with DMITRE and are confident that the information is correct. We have has some discussion with EPA Noise Assessment people and have organised for a battery operated device which will run for 6-8 days to be set up to record the sound. We can set it to the right parameters and listen to it and then match it.

It is difficult to identify unless there is something there to monitor. Having 2 monitors is a help but have not found any information that links back to the Mine.

SCCC comment – in the community people are hearing noise and will point to the Mine as source. It is at night. If compliance has changed, what exactly has changed, is it certain weather conditions where noise is more easily carried?

EPA – it is compliant with the noise modelling.

SCCC – On Marchant Road people say you can hear the mine but they maybe closer to the Flour Mill.

Terramin - people need to come and visit us at the mine and experience the noise, it is very distinctive. We are compliant up to 3.2 km from the mine. We are working hard on this to ensure people are not adversely affected but we cannot do anything if we are not contacted.

Chair – committee can take this message back to the community and EPA will have equipment to pin down this noise.

People also say that they can hear vehicles reversing at night but have learnt to live with that.

Chair – All mine reversing beepers have been removed, so people must be careful with their attribution.

Nic – we encourage people to come and talk to us, we take our social licence to operate seriously, they can ring the mine, there is the 24 hour phone number.

Dust Deposition Gauges

Exceedance on the 4th of January over the PEPR criteria

SA Environmental Pollution Monitoring Services investigated the exceedance;

- Dust contained low lead levels Wind speed 5-10 m/s
- Wind direction (north to west)
- High levels not recorded at western unit
- Non-mine related dust

Blasting

No complaints regarding blasting during the quarter

Monitors were calibrated during the quarter and replaced by the roving monitor

All monitors are now operational

- No data was recorded during the 25th and 28th of February and the 5th to the 13th of March due to issues with the solar panel resulting in battery failure (roving monitor)
- Problem with the sensor at the Glover paddock monitor resulted in invalid data from 31st of January till the 14th of March

SAROS are currently installing an alarm system to raise an alert when unusual data inputs occur

TSF Decant Pond

- Weekly survey photos are sent to DMITRE
- Beach survey undertaken on the 4 May 2013
- Volume of water in the decant pond has reduced by 219,727m³ since November 2011
- RL of the tails has increased by 1 meter - at the decant chute
- Water depth at decant chute reduced from 8.94m on 28 November 2011 to 2.12m on the 4 May 2013

Raw water management

- 350m³/day sent underground for use in the underground drill rigs
- Re-injection of filtered water
- Increased feed capacity of the filtration plant (replaced the Osmoflo UF) which can treat 100m³/hr compared to 40m³/hr
- Dust suppression- sprinklers and water trucks
- RO plants - treating small amounts for internal use

TSF water management

- Currently an average of 445m³/day of water is used within the process plant
- Enhanced evaporation - sprinklers
- Paste fill
- V2 – now only a contingency for high rainfall events

Community feedback and environmental incidents

3 registered community complaints

- Two from one resident regarding noise at night- noise curtains installed; house visit and noise monitoring conducted at the house

2 internal environmental events recorded

- Turtle found in process pond
- Oil spill identified on road verge adjacent to the eastern paddock fenceline

Upcoming activities for Q2

- Drainage and sediment drain upgrades
- Continued removal of historic waste
- Seeding of native plants on 6ha of the eastern paddock for Significant Environmental Benefits (SEB) requirements
- Rehabilitation of the historic landfill
- Further weed and pest management, vegetation maintenance and enhancement
- TAFE group using Angas as a training site for rehabilitation

Questions

In the revegetation, you are not planting trees?

We are using direct seeding, so we can get more trees and they are not in rows. We will do some tube stock and have collected seeds from the site, including Peppermint Box; Acacias and Sheoaks.

Break at 8.45pm.

5. DMITRE/TERRAMIN: PEPR REVIEW AND MINE CLOSURE PLANNING

PEPR Review

Note that the SCCC has yet to comment on the proposed PEPR revisions.

Draft PEPR December 2012 has been assessed and it meets the requirements, so have adopted the draft to use as the operational component for compliance at the site. The whole PEPR has not been approved re Mine Closure Planning. Once it is approved by DMITRE, then it will come back to the group.

DMITRE is not happy with the Closure component as far as the final strategies and design for closure. There is a need to address some issues and fill in gaps. DMITRE is in discussion with Terramin and involved in an assessment process, looking at world class cover designs. A world-class expert on engineered soil covers from Canada, Michael O’Kane, will be attending a workshop on 6 and 7 June. The workshop will focus on identifying gaps, looking at data and a gap analysis so that we can update the draft PEPR.

Terramin will look at the detailed design and prepare drawings, the final PEPR will take from 6-8 weeks to prepare after review by O’Kane.

Questions

Who chose Michael O’Kane as the consultant?

It is DMITRE’s choice. He was engaged at the Brukunga Mine site and DMITRE were very pleased with his work. He is a leading world expert on cover systems. He is excellent to deal with. He uses the same method as URS to analyse soil, so what has already been done to date can be used.

Post Closure Responsibility

We are looking at a gap analysis, so we are not sure of final timeline. At the moment we don’t know what we don’t know. We are better off doing it properly and not rushing it. DMITRE is reviewing operational criteria and looking for what is missing.

6. POST CLOSURE LANDUSE OPTIONS – COMMENTS AND DISCUSSION

There are still a lot of “ifs” with the equestrian group’s proposal. The Trotting and Greyhound track is also going through a major redevelopment and some of the stakeholders mentioned in the proposal may go to this development, if it goes through.

We don’t know the timing but it is still worth pursuing the opportunity.

The question for us is – would the SCCC be prepared to endorse a letter outlining that we think the Equestrian Group’s concept is worth developing. This is so the proponents can send the letter to the SA Government to get \$ for a scoping study. The letter may go to the Minister for Planning and the Local Council. It is not an easy task, however is it worth supporting? We could give in-principle support to the concept.

It is a good fit for the site and for Strathalbyn. There is the possibility of a good outcome with a useful community benefit. It could also provide a good example in the future for other similar (close settlement) mines.

It is an amalgamation of groups and it has a longer term focus – a multi-use facility. There is a need to do the initial study to flesh out the concept.

Adrian Pederick - an excellent idea. Would be willing to supply a letter of support to go with the SCCC letter.

DMITRE – it is positive and so encourages the SCCC take on board the suggestion and provide a letter of support. It is difficult when there is uncertainty about timing re closure and planning for post mine land use, however it would be useful to write to the State government.

Questions

Is the revised PEPR going to be prescriptive about land use?

The PEPR will include base information and it will set the requirements. It would be possible to break the site up into zones based on what is a suitable future land use, outlining relationship with functions. Development of the equestrian use concept won’t be wasted if they subsequently prefer other sites.

Action – Chair to write a letter of support for the equestrian groups’ post-closure land use concept as presented on behalf of the SCCC.

Adrian Pederick will also write a supporting letter to accompany letter from SCCC.

7. TERRAMIN: COMMUNITY ENGAGEMENT PROGRAM UPDATE

Newsletter will be out soon. It is in its final draft and includes SACOME, QER, SCCC visit and an explanation of exploration work and safety record. It will be inserted with Mt Barker Courier, Murray Valley Standard and Victor Harbor Times, as this is an effective way to get the message out. The web site will also be up dated.

8. OTHER BUSINESS

Terms of Reference review

DMITRE - offers have come back from tender. Three companies will be doing a presentation and a decision will be made and then project underway. The timeframe is to start before the next meeting. First task is to develop a communication strategy on how to communicate with the committee and the successful tenderer will attend the next meeting.

Questions

Is there a proforma for the Terms of Reference?

Yes. Both new mining companies and existing groups will take it on board, for example for the development of a selection committee.

What about SACOME?

DMITRE will provide an example Terms of Reference to them, but it is then their choice.

Round Table

Adrian – good that water management is under control.

Sue – showed photos of the TSF – shows need to profile edges.

Karen – *What is the SMS time frame for blasting?*

It is 15 minutes before blasting. One has been missed, so need to get this right and consistent. We rely on the supervisor to do this. It is a 24 hour contact service and we use it to give us a record of who has received the message.

DMITRE – we acknowledge the diligence and capability of Terramin and its management and its ongoing sustainability. Pleasing to see the TSF volume going down and on going compliance.

Charles – this is the first quarter we have noted full compliance!

Thanks to Ruth and Don for hall and catering, to Merri for taking the minutes and to all in attendance.

9. FUTURE MEETINGS AND CLOSE.

Next meeting on 15 August 2013 at 7pm. Meeting schedule for 2013 – 21 November.

Meeting closed at 8.40pm.

ACTION LIST

Chairperson	<i>Chair to write a letter of support for the equestrian groups’ post-closure land use concept as presented on behalf of the SCCC.</i>
Adrian Pederick	<i>Adrian will also write as supporting letter to accompany letter from SCCC.</i>
Terramin	<i>Circulate ASX announcements to SCCC.</i>