

MINUTES OF MEETING
STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE

Thursday 19 February 2009

@ 7.00 pm

Senior Citizens Hall, 6 Parker Street, Strathalbyn

PRESENT:

Charles Irwin - Chair	Fred Carrangis	Susan Jettner	Julia Currie
Barry Davis	Ben Brazzalotto	Adrian Pederick MP	Anne Woolford
Roz Twartz			Gallery 3

PIRSA:

Hans Bailiht	Greg Marshall	Holly Nicholls- Sec	
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TERRAMIN:

Anya Hart	Andrew Robertson	Matt Rose	
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APOLOGIES:

Mike Farrier			
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Meeting commenced at 7.05pm (recording 12)

1.	WELCOME BY CHAIRMAN Chairman welcomed the committee including a new minute taking secretary from Rural Solutions SA.
2.	APOLOGIES Apologies were accepted, as outlined above.
3.	TERRAMIN STAFF UPDATE Andrew Robertson will take over the day to day duties of John Burgess.

4.

REVIEW OF MINUTES OF LAST MEETING

Minutes from 20 November 09 accepted as true and correct.

Re-injection of ground water- review of initial submission with PIRSA and the EPA before Christmas. **More data on water quality needed.** Replacement of the existing pump and pipe are in progress.

Rainwater tank survey results due in August still not circulated; verbal report suggested no problem readings.

The annual review letter from the Chairman to the Minister has not been fully circulated within the SCCC committee. **To be circulated again by next meeting.**

See PIRSA report below for outcome of site inspection of TSF with Professor Richard Jewell. Noise monitoring delayed until January as the machine 'disappeared' twice but was later returned.

Street lighting survey at front of mine gate submitted to PIRSA but needs to be checked.

Main issues arising from presentation:

Surface water- there is no correlated evidence that turbidity in the Angus River and the mine site are not related. **This still needs to be corrected in the presentation.**

PIRSA dust monitoring- a correction needs to be made to the MARP. PIRSA will do this together with the company. Draft copy out and in process for corrections.

Photographs- no up to date official aerial photographs available. Anya has oblique photos that are available in the Environmental Report however they are not official.

Updating of complaints register needs to be followed through if not already done.

New heading to be added to the Quarterly Environmental Report on breaches and injuries to the public. Not contained within one just received.

PIRSA has revisited the original noise comments on the mining proposal; no additions are required in considering the proposed monitoring change.

5.

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.
Report given by Hans Bailiht – Senior Mining Assessment Officer

Over the last quarter PIRSA had two on site inspections. One was on the 11th December with Richard Jewell and it concentrated on the TSF.

Noted issues needing to be addressed:

- Sighting poles for determining extent of water in relation to the double liner still to be put in place.
- Inspected monitoring bores along the toe of the dam wall.
- Wall moisture checked and satisfactory
- More mulch needed on re-vegetation embankment.
- Checked double linear sighting posts these weren't installed and must be in established prior to the water level in the storage facility rising.
- Wheel wash was operating.
- No drag out.
- Internal sealed roadways been swept clean and tidy.
- Leak detection system operating for the TSF.

Richard was overall satisfied with progress on site.

30th January follow up:

- Pre cast units on decant extended to just below surface of water- fine.
- **Sighting poles still not put in- need to be done.** Not an issue until it rains.
- New survey stations around top of wall- check kept on stability of wall.
- No drag out on to main road.

General:

- Working with company to make amendments to MARP. Anya sent proposed amendments.
- Noise monitoring carried out in January- see results.
- Main amendment- noise monitoring.
- Sighting pole- gives extent of water.
- Inspection included outside of mine. No indication of water. Moist area- contributed to by natural drainage of valley. Just surface water. Some concern over the water building in valley area.
- No complaints received by PIRSA.

6.

REVIEW OF MINE PROGRAMME/ACTIONS FOR NEXT 3 MONTHS

Report provided by Anya Hart:-

- Up coming events- post the end of December.
- Round of attended noise monitoring since last QER.
- Next month two further stopes will come on line with more in December and January 09.
- 3rd zinc shipment last month.
- EGI on site doing work for MARP requirement on acid mine drainage.
- Started work with Matt Rose on review of Revegetation Plan (see below).
- Mine is cash flow positive.
- Slowing of the mill is extremely unlikely.
- Community communication programme to be released next week- currently at printer.
- Adjacent property- Terramin are selling land on Hillside road.

Feedback:

- Interstate visitors interested in information at public viewing area.

7.

VEGETATION PLAN

Review of original plan to see whether appropriate and practical. Some revisions expected as final site layout changed and have encountered limestone rock problems.

Report provided by Matt Rose, Natural State:-

A concept plan was put together at the beginning but target specific areas were not completely known at that stage.

- map locations will need to be changed

- Local seed collected including some on site before areas were cleared. Seed used to propagate tube stock.
- Original plan for 48kg seed to be collected but 60kg of mixed species collected overall (not including hydromulch).
 - about 10kg a native seed and rye mix
 - took advantage of some species when could
 - lots of shrubs, light on trees
- Seeds planted in rip lines with drippers. 2,300 tube stock planted in 2007. 900 tubes growing for 2009.
- Maintenance has not been 100% and some trees need to be replanted.
 - estimated that a couple of hundred plants have died
- Tom, Matt and Anya inspecting tomorrow (20 February 2009).
- Target areas for re veg plan- tomorrow will amend the plan in writing for what can propose.
- Extra land has been rehabilitated that was not in the original plan.
- Plan to create layers of grass, shrubs and trees which can all be planted at same time.
- An order has been placed for around 1000 tube stock but tomorrow the exact number will be known.

Anya:

- Rabbits and heat have affected some areas.
 - possible rabbit program?
- Plan to replace dead plants.
- Will look in to vision impact.
- Use of bio septic system for watering.
- All plants were guarded.
- Irrigation system needs maintenance.

The Chairperson suggested that something is needed to break the skyline and show the community that action is being taken. **Terramin to factor in and report back on how this will happen.**

- Maintenance has fallen.
- Irrigation – issue from last meeting.
 - the water source is mains
 - watering is not automatic- it is done roughly every six weeks on a needs basis

Watering practice will be outlined in Terramin's next newsletter

- Rainwater tanks are connected to core storage shed and will be used as first point of call for watering.

7. cont	<p>Mulch: The use of mulch questioned in terms of foreign material therein:-</p> <ul style="list-style-type: none">• Supplied by Adelaide Hills Recyclers (next door) and some pallets etc supplied by Terramin.• Most is hand sorted.• Some foreign material blowing around.• Unlikely to find better quality.• Currently sourcing suitable replacement for Premier Plant! <p>Final Re-vegetation plans to be presented at next meeting.</p>
	<p>Break 8.07pm - 8.25pm</p>

8.

QUARTERLY ENVIRONMENTAL REPORT

Report Provided by Anya Hart:-

Follow-up issues outstanding from last meeting:-

- Correction in presentation needed for surface water and no correlated evidence that turbidity in the Angus River and mine site are not related.
- Reasons for high iron and nickel reading in surface water readings.
- Reasons for RG7 & RG8 readings to be reading higher.
- Dust monitoring: MARP standard for dust deposition and error in the table in appendix H of the body of the MARP to be corrected.
- Aerial photos showing the site should be upgraded and provide location of various numbered photo points and sight angles superimposed on it.
- The final draft 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?
- Level of detail of response to complaints need to be increased by Terramin.
- A new header to be included in future QER reports- breaches or injuries to the public.

Quarterly Report No 10 for October to December 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*Groundwater quality*

- Cadmium levels are not high compared to baseline - they are recorded as a baseline and a minimum change. It is not associated with any mining activities.

Historical cadmium levels to be provided at next meeting. What is the explanation if it is not the mine?*Dust monitoring and deposition*

- High volumes- lead levels for November and December not recorded.

Lead levels to be received and recorded by each meeting in future.

- Concentric rings of reducing readings going further and further away. Dust levels not falling off as quickly as it should the further out from the mine that you get.
- Outside dust factor.
- Levels next to plant are lower than the outer.
- Monitors furthest from the plant have higher readings than to be expected.

**8.
Cont**

Reorganisation of measurement data 1-12 by distance to mine for next meeting so conclusions and analysis can be made more easily.

Lead deposition rate on page 6 has some fluctuations- huge increment around 7. What happens around 7 to cause that increment?

- It is in prevailing wind direction, closest to plant. Still falls way below accepted maximum level.
- Suggesting that investigation with weather station to why the huge increments and whether it is happening under certain circumstances.
- Levels expected to be higher, but agreed that shouldn't be complacent.
- Employee's blood levels have just been checked (January) but not sure if results will be released. **Data results to be emailed when received.**
- Weather data used from Strathalbyn weather station.
- Monitor trends over a longer period of time.

Blast Monitoring

- Complaint received after blast measuring 1.7. This blast was described as more of a 'rumbling thunder' compared to a 'boom' which is more common.
- One resident is more overly concerned than others and Teramin make effort to inform of blast dates and times.

Recycling

- Spike recorded in December waste due to a stock piled bin that was emptied.
- Recyclables are removed when bins full.

Odour Monitoring

- Concern about lead or acid like odour detected at viewing platform.
- CS2 only odour measured.
- not sure of reason for CS2 being the only odour measured. **To be clarified.**
- Some complaints made about odour. Could be from different sources such as agents used.
- If odours continue to be noticed, perhaps they should be monitored.
- Alert Terramin to any odours so they can be tracked over time.

Complaints line

- Complaints diversion ceased in November unknowingly.
- System is not checked on a regular basis but suggested that random checks should be made in future to ensure it is working.
- Often complaints received directly through Anya not via the line.
- Complaints line number available on the Terramin website and in the newsletter.

**8.
Cont**

Strathalbyn Community Consultation Committee

- Section 13 has subheadings that should perhaps be separate to the SCCC section.

General Comments

- **Page 10 of QER- please can photos be labelled by species name.**
- The bat species spotted on site is worth identifying for history of site.
- Question asked about complaints since December- only one complaint (odour).
- One noise and lighting complaint received via letter referring to Christmas morning. Lighting complaint investigated and source found to be off site. Problem being addressed.
- Light spillage survey has been held up. **Next meeting to be available.**
- Rainwater tank lead level survey- **no final report received.** Nothing worrying within.
- **Updated photo points- positions and angle of views still to be done.**
- **Security breaches and public injuries heading to be added-** part of MARP conditions. One claim against it involving model aeroplane retrieval. Safety manager visited the group and provided a tour of the site.
- QER reports to be placed in library and council. Uptake of newsletter and QER is not great. To investigate Woolworths as distribution point.
- Bond money is a guarantee and acts a security against the assets of the company. 100% available when needed for rehabilitation.

Noise Monitoring

Results despatched as hard copy to group.

- Figure 64 noise monitoring points in the MARP are different to those being monitored.
- Monitoring needs to be consistent- same locations each time. New positions to be adopted; **MARP variation in draft form and to be presented next meeting.**
- Hard to monitor who's noise- quarry, dump, traffic etc.
- Anya showed her appreciation to Susan for noise monitoring.
- Currently the frequency of monitoring is quarterly with measurements over six sites. The new method will be quarterly over one site. Agreement that it should remain as a quarterly occurrence and review in 12 months time. Next measurement in April.

9.	<p>OTHER BUSINESS</p> <ul style="list-style-type: none"> • No complaints received by the MP's office about mine. • Concern expressed about the time delay in releasing data of lead levels in rainwater- the draft has been viewed but the final is not available. • Water near the main office after rain is an issue for public. Crushed gravel is being laid on the driveway but not listed as a high priority. <p>Letter from FC sent to the Hon Carmel Zollo MLC regarding recent speed limit changes. Response received. Letter was circulated amongst group at the meeting. Chairman's annual report to include distain of response to the letter.</p>
10.	<p>FUTURE MEETINGS Thursday 21 May 2009 Meeting at Senior Citizens Hall @ 7.00pm Frequencies of SCCC meetings are once every three months on the third Thursday of the month.</p> <p>Future meeting dates are: - Thursday 6 August 2009 (This meeting date has changed due to the Chairman's commitments) Thursday 19 November 2009 Thursday 18 February 2010</p>
	<p>MEETING CLOSE Meeting closed 10.03pm.</p>