

STRATHALBYN COMMUNITY CONSULTATIVE COMMITTEE

MINUTES OF MEETING

Thursday 15th November, 2018 at 7.00 pm

Angas Zinc Mine, Callington Road, Strathalbyn

1. WELCOME AND OPENING REMARKS

Kelvin Trimper opened the meeting and welcomed everyone at 6.45 pm. A special welcome was given to Glenn Rappensberg (CEO, Alexandrina Council), Mark van der Pennen (General Manager Growth, Alexandrina Council), Greg Marshall (Department for Mines and Energy) and Richard Taylor (CEO, Terramin Australia Ltd).

2. PRESENT AND APOLOGIES

PRESENT:

Committee Members:

Kelvin Trimper AM (Chair)	Rex Keily AM	Malcolm Twartz	Rhonda McCarthy
Julia Currie			

Secretary:

Keren Stagg

Gallery and Presenters:

Matt Daniel (Terramin)	Mike O'Reilly (Terramin)	Katy Fechner (Terramin)	Richard Taylor (Terramin)
Glenn Rappensberg (Alexandrina Council)	Mark van der Pennen (Alexandrina Council)	Greg Marshall (Dep't for Mining & Energy)	Mark Stewart (Dep't for Mining & Energy)
Greg Allen (Hydrostor)	Cam Lewis (Hydrostor)	Sam Costin (Global Aquatica)	Jenny Sandercock (Strathalbyn Senior Citizens)
Graham Sandercock (Strathalbyn Senior Citizens)			

APOLOGIES: Note-number in brackets represents the number of meetings missed in succession.

Sue Jettner (2)	Adrian Pederick (2)	Greg Tyczenko (2)
Prabhu Shankar (2)	Anne Woolford	Mayor Keith Parkes

ABSENT: Karen Rogerson (3)

3. DECLARATION OF ANY CONFLICT OF INTEREST

No conflicts of interest were declared.

4. CONFIRMATION OF PREVIOUS MINUTES

A motion was raised that the minutes of the SCCC meeting dated 23rd August 2018 be taken as accepted without alteration.

Moved – Rhonda McCarthy Seconded – Rex Keily AM

All were in favour. The motion was carried.

5. MATTERS ARISING (including action items not detailed below)

Anne Woolford has retired from Alexandrina Council after 18 years therefore a new Council representative will need to be nominated to join the SCCC as per the Terms of Reference.

The Committee moved a motion to ask Anne if she is interested in remaining on the Committee as an independent member.

Moved – Rhonda McCarthy Seconded – Julia Currie

All were in favour. The motion was carried.

- Action: Kelvin to write a letter thanking Anne for her time serving on the SCCC as Council representative and to ask her if she is interested in remaining on the SCCC as an independent member.
- Action: Kelvin to write a letter to Alexandrina Council requesting that a new representative be nominated to join the SCCC.

6. ACTION ITEMS FROM LAST MEETING

Malcolm	To ask the IT person at EFS who is interested in joining the SCCC to forward a copy of his resume to Kelvin.	By 31.12.18
Keren	Type up Rhonda's letter and distribute it to the Committee for use in recruiting new SCCC members	Complete
Kelvin	Call the Regional Manager at Mt Barker TAFE and see if any environmental and mining students would be interested in joining the SCCC.	Ongoing. Follow up in the new year.
Matt	Distribute the final version of the Annual Compliance Report to the Committee and post on the Terramin website	Complete
Keren	Confirm the booking of the Angas Room at the Strathalbyn Library for the February 2019 SCCC meeting and also book the May and August meetings in. Contact names for bookings and account payment to be forwarded to Katy. Meeting dates are: 21.2.19, 16.5.19 & 15.8.19.	By 30.11.18
Kelvin	Draft a thank you letter to Martin Janes on behalf of the Committee and table at next meeting.	Complete
Keren	Update contacts list and email group to include Richard Taylor and Simon Iacopetta and distribute to Committee	Complete
Anne	Approach Council regarding the possible inclusion of the EWS consultants at future SCCC meetings.	On hold until new Council Rep found
Kelvin, Anne, Malcolm & Julia	Draft a suitable presentation for delivery at the August WCCC meeting	Complete
Mike	Send Matt prior articles that show how the SCCC evolved	Complete
Matt	Print and distribute articles at WCCC meeting	Complete
SCCC	Continue to look for new Committee members and forward	Ongoing

	any resumes received to Keren	
Keren	Send revised contacts list and Rhonda's letter to Kelvin	30.11.18

7. KEY STAFF AND ORGANISATIONAL CHANGES

None reported.

8. CHAIRPERSON QUARTERLY ACTIVITY REPORT

Kelvin read out his annual Chairman's report. Please refer to distributed copy.

8.1. SCCC Membership

Kelvin has spoken with David Gladwin (previous Terramin employee) and Lynette Stevenson (previous Councillor) who are both interested in joining the SCCC. A third person may be interested in joining the Committee. Should a third application be received, Kelvin will make initial contact with the candidate prior to compiling a short list for interviewing. Once the short list has been compiled, Kelvin will contact Rex and Terramin to arrange a time to interview the candidates and make the final decision.

➤ Action: Richard to advise Kelvin who from Terramin is to be involved in the recruiting process.

8.2. Information Sheets

Since the information sheets have now been finalised and distributed this item is to be removed from future meeting agendas. Kelvin thanked Katy for her efforts in designing these Fact sheets.

➤ Action: Keren to remove information sheet from Agenda template.

8.3. WCCC Presentation

The original WCCC meeting date was postponed but has since taken place. Due to the date being changed, Malcolm was unable to attend, however Rhonda, Julia and Anne provided a briefing on the history of the SCCC and how the relationship was built with Terramin over time. Both Rhonda and Julia felt that some WCCC nerves were settled and some historic SCCC myths corrected during the process and that it was a worthwhile exercise.

Richard expressed that Terramin was grateful that members from the SCCC went to the WCCC meeting. A thank you letter received from WCCC was tabled and read out by Kelvin. Please refer to distributed copy.

Kelvin thanked Julia, Rhonda and Anne for their presentation.

9. TERRAMIN REPORT ON STATUS OF CURRENT OPERATIONS (INCLUDING FORWARD PLAN)

9.1 AZM

9.1.1 Report against conditions of approval

No breaches were reported during the September quarter. The TSF remained well within compliance limits at the end of September with a surface area of 9,500m² which is significantly below the 15,000m² criteria. The Reduced Level was 68.19m vs measurable criteria of 74.2m and seepage is less than 1L/min.

Dust Deposition Gauge 4 on Callington Road had a high lead dust reading of 10,952.9 mg/kg which is currently being investigated. Possible reasons for this high reading include grading by a neighbour in a paddock that contains surface mineralisation of the Angas Ore body, a comfort fire that was lit adjacent to the gauge or a reporting error. Soil samples have been taken and forwarded to the lab for analysis.

The current maintenance focus at the AZM site is on bushfire management. Landscape function analysis is also taking place to ensure that revegetation is moving towards a sustainable state.

A number of presentations and ASX announcements appear on the Terramin website. Matt suggested that SCCC members check out the website.

Alexandra Mitchell's draft report is available. It outlines the importance of the consideration of social aspects, therefore ties in with the presentation provided to the WCCC.

- Action: Katy to forward Alexandra Mitchell's draft presentation to Keren for distribution to the Committee.

9.1.2 Current Regulatory issues

None reported.

9.1.3 Hydrostor Presentation

Greg Allen provided an update on the current status of the Hydrostor project.

Negotiations are progressing. The next major step is the Development Approval (DA) which will be sent direct to the Government who has Crown sponsorship of the project. A permit to dewater has been applied for separately. Terramin already have an existing dewatering allocation so are looking to commence this process in January 2019. SA Power Networks connection approval also needs to be obtained.

Detailed design of the surface and sub-surface is currently underway, and reinjection wells are to be installed. It is estimated that construction will commence approximately May/June 2019 and that turbines/compressors will arrive around June 2019. Based on the current project timeline, commissioning is expected to occur late 2019/early 2020.

The main challenges currently associated with the Hydrostor project are knowledge of the dewater rate which depends on the installation of the reinjection wells, plus lack of regulation as to how energy storage is treated on the grid. Kelvin noted that he is on the SAPN customer consultative panel.

9.1.4 Global Aquatica Presentation

Sam Costin, Technical Director for Global Aquatica (GA) gave an overview on the history of the company and its patented BioAqua water solution.

The concept for the BioAqua water solution arose due to a lack of suitable systems worldwide that could process acid mine drainage caused by tailings. The GA process removes the acid, metal and sulphates contained within acid mine drainage and returns the water to drinking quality. Metals removed from the water become saleable recyclable oxides. Acid is also neutralised (pH 7.5).

This process is currently being undertaken at AZM to clean up the tailings dam. To date, approximately 3 tonnes of metal oxides have been pulled out of the water without the use of additional chemicals. Once modified to this form, these oxides can be sold to e-waste recyclers or converted to ingots for further processing. The cavitation process used to remove the metals and acid from the water cannot be used to remove sulphates, however the unique bacterial processes implemented by GA can. The GA process causes no pollution or environmental issues.

Global Aquatica have validated their processes and are currently using AZM as a stress test prior to building a full size plant in the near future. The 1 million litre Strathalbyn plant will act as a demonstration plant.

Kelvin thanked Sam for his presentation.

9.1.5 MPL progress

Terramin have received feedback from the EPA on the MPL. They highlighted an issue with air quality model pm10. The frequency that machinery was running was bumping pm10 up higher than expected.

9.1.6 Questions

9.1.6.1 A question was asked as to whether the local community should be advised that Global Aquatica and Hydrostor are commencing work on the AZM site. GA advised that they want to finalise their R&D prior to advising the community.

Hydrostor advised that the DA will be public and that the required notification process would be the best time for Hydrostor to advise the community about what is happening. They are OK for the project to be talked about publically, but not about where the grants are coming from.

Rex suggested that an article be written for media and sent to The Courier and The Southern Argus.

Kelvin suggested that a presentation be done to Alexandrina Council and other key stakeholders during the consultation period which will be around March/April 2019.

Julie suggested contacting Michelle Etheridge from The Advertiser who is interested in any businesses expanding in the region for 'Fight back for the regions'.

Katy suggested that Greg speak to Mike to assist with the above.

Both companies are open to guidance from the SCCC.

- Action: Hydrostor to send draft release around for input.
- Action: Julia to get back to Michelle and provide Mike's contact details to Hydrostor.

9.2 Bird in Hand

9.2.1 Update on progress

Feedback has been received from the EPA. Still waiting on feedback from DEM. Draft documentation has been lodged with DEM. Waiting to see if this documentation meets legislative requirements and if any amendments need to be made. Both the mining license at BiH and the processing license at AZM need to be submitted together. Once the feedback has been received Terramin can advise when it can be circulated for comment. The SCCC workshop is only to be revisited if there have been significant changes. Kelvin suggested setting up a new briefing prior to lodgement for new committee members/any other SCCC members who want to attend.

Water test at BiH needs to be completed and reported on. Currently working on the aquifer recharge which is a key component of the MPL. 6 bores have now been drilled and pump tests done. Now proceeding with a trial which needs approval by Government to put water down the hole and measure the changes in the aquifer.

9.2.2 Questions

Julia raised a question as to whether there is any published information regarding BiH and its link to AZM.

- Action: Mike to send copies to Julia.

9.3 Tala Hamza

9.3.1 Update on progress

Continued engagement with regulators will hopefully allow the decision to allow mining soon. The Algerian regulator has been mainly concerned with the proposed mining methods. Richard Taylor has travelled to China with the Algerian regulator. Ghangzhou and Mongolia use similar mining methods to those being proposed at Tala Hamza (underground). The proposed mining methods are very different to those used at AZM in that primarily the tailings are taken underground and mixed with cement as part of the backfilling of the mine. Hopefully the final decision will be made before the end of the year.

9.3.2 Questions

None recorded.

10 DEPARTMENT FOR ENERGY AND MINING (DEM) REPORT

10.1 Site inspections and Compliance updates

Mark has spoken to Matt regarding the Dust Deposition numbers and is looking forward to seeing the results of the soil sampling. He confirmed that the suggested causes for the high reading on Gauge 4 seemed reasonable.

10.2 PEPR and Mine Closure review

Since the PEPR has now been finalised, there is nothing else to add and this item can be removed from the agenda.

10.3 Mining Act review

The Statute of Amendments bill was reintroduced 2nd August 2018. Hopefully this will be debated soon in the Lower House, however there is no firm date.

10.4 Questions

None recorded.

11 OTHER BUSINESS

11.1 Alexandrina Council Update

The following Alexandrina Council update provided by Glenn Rappensberg (CEO) was brought forward and delivered during 'Matters Arising' agenda item 5:

Alexandrina Council is still in caretaker mode until Monday 19th November 2018 when the official notification of election results is due to be received from the Election Office. Keith Parkes was returned as Mayor and an additional 8 new Council members were elected, 4 of which are female. Glenn thanked Anne Woolford and Ben Brazzalotto for their service, then congratulated Rex Keily (AM), Craig Maidmount, Karen Bradford and Mike Farrier on being elected.

Glenn introduced Mark van der Pennen who has recently commenced as General Manager, Growth for Alexandrina Council. Mark's appointment, plus the recent appointment of an additional planning person have fast-tracked development approvals. It was noted that there is a fair amount of development in the pipe-line for Strathalbyn based on pending approvals.

Multi-million \$ work has commenced on Sandergrrove Road. Rehabilitation of the old sewerage ponds and building of the new water retention pond in Strathalbyn has also commenced.

Kelvin commented that the proposed Hydrostor and Global Aquatica projects, plus the processing of the ore from the Woodside Bird in Hand mine are exciting and that it was good to see an estimated 40 new

jobs will be sourced from the local town. Richard commented that Terramin are looking to get local people back on site.

Kelvin further commented that the strong relationship that has been formed with Alexandrina Council is important to the SCCC and thanked the Council representatives for attending the meeting.

11.2 Round table discussion on any other items not raised above.

No new 'Other business' items were raised.

12 NEXT MEETING

To be held at 7pm, Thursday 21st February 2019 in Angas Room at Alexandrina Library, 1 Coleman Terrace, Strathalbyn.

10 MEETING CLOSE

Kelvin thanked Terramin for their hospitality and site tour, Greg Marshall from DEM for attending the meeting and Graham and Jenny for their ongoing hospitality this year.

The meeting closed at 8.35pm

Actions List:

Responsible	Task	Due Date
Malcolm	To ask the IT person at EFS who is interested in joining the SCCC to forward a copy of his resume to Kelvin.	By 15.12.18
Kelvin	Call the Regional Manager at Mt Barker TAFE and see if any environmental and mining students would be interested in joining the SCCC.	Ongoing. Follow up in the new year.
Keren	Confirm the booking of the Angas Room at the Strathalbyn Library for the February 2019 SCCC meeting and also book the May and August meetings in. Contact names for bookings and accounts payment to be forwarded to Katy. Meeting dates are: 21.2.19, 16.5.19 & 15.8.19.	By 15.12.18
To be advised	Approach Council regarding the possible inclusion of the EWS consultants at future SCCC meetings.	On hold until new Council Rep found
SCCC	Continue to look for new Committee members and forward any resumes received to Keren.	Ongoing
Keren	Send revised contacts list and Rhonda's letter to Kelvin.	By 15.12.18
Richard	Advise Kelvin who from Terramin is to be included in the recruiting process.	By 15.12.18
Keren	Remove information sheets and PEPR from Agenda template.	By 15.12.18
Katy	To forward Alexandra Mitchell's draft presentation to Keren.	By 30.11.18
Keren	To distribute Alexandra Mitchell's draft presentation to the Committee with the November minutes.	By 30.11.18
Greg Allen	Write draft release regarding Hydrostor project and distribute for SCCC input.	By 31.12.18
Julia	Go back to Michelle regarding Hydrostor project and provide Mike's contacts to Hydrostor.	By 7.2.19
Mike	Send information regarding BiH and its link to AZM to Julia.	By 31.12.18