

**KANMANTOO-CALLINGTON COMMUNITY CONSULTATIVE COMMITTEE  
(KCCCC)**

**Secretariat:**

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**Chairperson:**

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**Draft Notes to the Meeting**

2 March 2017  
Kanmantoo Hall

**1. Welcome and introductions**

*In attendance*

Garry Duncan  
Fiona Challen  
Kathy Schneider Roberts  
Bev Robertson  
Ed Thomas  
Harry Seager  
Carol Bailey  
Lachlan Wallace  
Alistair Walsh  
Bob Goreing (Chair)

*Apologies*

Rebekha Sharkie MP, Federal Member for Mayo  
Greg Sarre, Manager Strategic Planning and Economic Development, Mt Barker District Council

*Guests*

Dr David Simon Director, Scientific Services Branch Public Health Services, SA Health  
Daniel Bellifemine, Team Leader Mining and Environment, EPA  
Peter Bond, Kanmantoo Copper Mine EPA licence manager, EPA  
Steve McClare, CEO, Hillgrove Resources  
Kelly Manning, Operations Manager Aggregates, Hanson  
David Ellis, Supply Manager, Raw Materials, Neutrog

There was a gallery of approximately 18 persons.

**2. Confirmation of draft notes of previous meeting**

The draft notes to the last meeting of the KCCCC held on 10<sup>th</sup> November 2016 were accepted without alteration.

**Actions arising**

Action items 2, 5, 6 and 7 from the previous meeting were covered in other agenda items for this meeting. Action on items 1, 4 and 5 is shown below.

Action 1: Rainwater Tank Testing Program: Lachlan said that the person who enquired about the rainwater-testing program at the last KCCCC meeting had had their tank tested. The results showed clear for the tank and were added to the database of such test results.

Action 3: Additional Section for Managing Sources of Dust Information Sheet: The Chair said that the section on *Dust management solutions for the Tailings Storage Facility* had been drafted and was with Lachlan to check technical accuracy. When reviewed, it would be placed on the KCCCC webpage.

The meeting took this opportunity to review the current 'work in progress', which included the following documents:

- KCCCC Annual Progress Report 2016
- Additional sources of untreated water for dust suppression (DRAFT)
- Blasting overview (DRAFT)
- Community Action List February 2017 update

The KCCCC accepted the KCCCC Annual Progress Report 2016 which had been previously circulated and asked that it be posted on the KCCCC webpage for community information.

The remaining draft documents listed above, had been completed and were awaiting technical review before being posted on the KCCCC webpage.

Action 4: After Hours Contact Arrangements: Lachlan said that the after-hours contact arrangements for the mine had been restored and community members with an urgent issue could ring the duty manager after hours. He said the problem was a misprint in the telephone number

### **Focus for this meeting**

The Chair referred to the agenda for this meeting. He reiterated that the main item of agenda was a community discussion of priorities for community benefit from the mine closure and completion plan (item 5).

### **3. Kanmantoo Copper Mine: Update**

#### **Operational performance and progress on life of mine plan**

Steve McClare, CEO / MD Hillgrove Resources, provided a brief overview of some of the current issues being addressed by the mine.

He reported that the key issue of balance sheet restructure that the company had been addressing for some time was on track with steady progress being made.

Steve spoke briefly about changes to the contractor arrangements for the mine with Andy's Earthmoving (the mine's main service and maintenance contractor) working towards a merger with major companies Emeco Holdings and Orionstone Holdings. Steve said that as well as advantages for the mine, the size and capability of this new group based in Kanmantoo Copper Mine could also provide opportunities for the community when they were considering a future after mining has been completed.

Steve referred to the activity report for the quarter ended 31 December 2016 which had a full description of the mine's performance and was available at

[http://www.hillgroveresources.com.au/article/ASX\\_Releases/ASX\\_releases\\_current](http://www.hillgroveresources.com.au/article/ASX_Releases/ASX_releases_current)

#### **4. Issues: Standing Items: Environmental Emissions**

##### **Dust: site visit**

Garry provided a report of the site tour (25<sup>th</sup> January 2017) where the Dust Working Party looked at:

- the impact on dust suppression of initiatives like the additional non-treated water available through the new pipeline, and
- the solution to managing the dust from the Tailings Storage facility (TSF) that was identified as a new dust source in October last year.

Garry said that the group saw the facilities working routinely with the 'turkey's nest' water storage areas full and water carts and fixed water control systems working effectively. The result was that this 'dust season' was significantly better than last year.

Garry showed a photograph of the TSF which showed an area of the facility covered by green polymer to help bind the surface (about two thirds of the area). The balance of the TSF (about one third) was receiving tailings at a higher rate in order to maintain moisture levels and reduce the likelihood of dust being raised. This was part of the solution that had been agreed between the mine and the regulator and appeared to be working effectively.

Lachlan spoke of the solution as a temporary measure. He said that other, more permanent improvements had been achieved by continuing to build the final section of the TSF wall and installing the spigots. This would reduce the 'wind tunnelling' potential of the TSF. This would gradually reduce the area of the TSF that was exposed to wind and allow a crust to form to bind the material together. He said that once construction was complete (2021), the TSF would begin to be closed out. This meant that the facility would be shaped like a dome, beginning from the outside and rising towards to centre.

##### **Dust and health: follow up**

Dr Simon had been asked at the last KCCCC meeting to review the composition of the TSF with a view to identifying any potential new health risks from this source of dust. Dr Simon had provided a report on dust and health in late 2014 which considered the dust risk from the site as a whole.

Dr Simon said that he also attended the site tour with the Dust Working party on 25<sup>th</sup> January 2017 in order to fully appreciate the issue. Lachlan had also provided Dr Simon with data about the composition and chemistry of the tailings.

Dr Simon said that he had considered the information he had received and it presented nothing different to what would be expected. He referred to typical chemicals that communities may have concerns about such as lead and arsenic and described these as presenting in very low levels, below background. In answer to a question from the gallery, Dr Simon said that the arsenic levels were around one part millions or below the level of detection.

Dr Simon said that while the chemistry of the dust did not appear to represent an unreasonable risk, dust itself has and remains the major concern. He said that respiratory dust (small particle size) remained the greatest risk and reiterated that managing dust so that it did not escape the site was the best solution to any health risk.

Dr Simon provided insight from other sites with which he was familiar such as Pt Augusta and Pt Pirie.

## Focus item

### 5. Master Planning Working Party – site visit

Fiona introduced herself and described her lead role in the Master Planning process dating back to her 'red paper', which presented a vision for the area after mining was completed.

Fiona reported on the site visit of the Master Planning Working Party (23<sup>rd</sup> February 2017) where the group looked at:

- examples of possible vantage points (lookout) and other access infrastructure opportunities
- examples of opportunities to link up mining history / heritage tourism, the rehabilitation / native vegetation programs and recreational aspects of the site
- existing infrastructure and opportunities for retention for future benefit

Fiona described opportunities that the group had seen for delivering on-going community benefit from the mine closure and completion plan like:

- preparing and leaving a lookout and walking trails
- leaving certain key infrastructure like sheds that could be used for a variety of industrial and commercial purposes
- developing opportunities for mining heritage and history tourism
- taking advantage of the mine rehabilitation program including native vegetation plantings and the Significant Environmental Benefits (SEB) program and promoting community access.

### Community discussion on priorities for community benefit from the mine closure and completion plan

Lachlan said that two resources had been identified to help the community and the company to scope the sorts of opportunities, these were:

- a scholarship with the Playford Trust to encourage a post graduate University student to develop a GIS-based display of the mining lease and nearby areas showing features like mining heritage and history, natural environment and existing infrastructure,
- a group of international students from the Futures Institute undertaking specific research projects related to opportunities in four areas that were relevant to the Master Plan:
  - establishing a mining history tourism precinct around the mine and surrounding historic mining district,
  - environmental regeneration,
  - creating a recreation park utilising the unique physical features of the mine site,
  - further industry which takes advantage of the water, power and transport infrastructure.

The meeting agreed that these were very useful supports for the master planning process.

Lachlan said that a Playford Trust candidate had been identified and that the KCCCC had been invited to confirm the choice. The KCCCC agreed that the candidate appeared to be a sound choice.

Lachlan said that he had been corresponding with the Futures Institute and was ready to confirm these arrangements.

**Action:** Lachlan to confirm the successful candidate with the Playford Trust and confirm arrangements with the Futures Institute.

The Chair said that the KCCCC members each had a portfolio (area of interest) where they could champion various opportunities and be a 'go to' person for the Playford Trust scholarship holder and the group on Future Institute students.

Each of the KCCCC members presented their priorities and confirmed their willingness to act as community champions.

Lachlan provided a map showing the existing infrastructure (built) on the site like buildings, warehouses, office areas, processing facility, dams, electricity sub-station, pipelines and crushing facilities. There was a discussion about the potential for the existing industrial area (under the Mining Act) to be retained / extended once the site had been surrendered and was subject to the Development Act. The importance of future job and business prospects for those currently working with the mine was recognised.

Access to the site after mining was completed was discussed in terms of recreational, educative and tourism opportunities. Useful infrastructure identified included viewing platforms, walking tracks, fencing and security. The potential to link up various land use options (like recreation / education and tourism) was seen as an efficiency that may improve the chances of other stakeholders like Council getting involved.

The need to provide levels of certainty about future access to the area through mechanisms like Land Management Plans and Environmental Heritage Agreements was raised. It was felt that some mechanisms provided higher levels of certainty by being mentioned on land titles. This was a point that could be covered in the research.

Garry spoke about the opportunity for developing a full spectrum of agricultural based activity, from small gardens, to native vegetation to commercial enterprise. He said that this feature activity (anchor) could then attract next tier community and industry activity like art and culture and value add food manufacturing. The key would be how the various stakeholders saw and responded to the available services like water and electricity supply, appropriate land use zoning, labour force and market opportunities for adding value. He understood that the market (like the cost of water) would play a big part in this.

Ed, Bev and Harry each shared their ideas for opportunities arising from the rehabilitated, SEB and existing native vegetation features of the area. These included specific tourism and recreational opportunities like bird watching. There was a particular reference to ensuring corridors of habitat / ecology were developed that linked up existing pockets of vegetation. There was an acknowledgement that this process was well underway and that there had been significant progress made in this feature over the past 10 years. This was likely to show up in the GIS study.

Kathy and Fiona spoke about mining heritage and history and how the work on the mine closure and completion plan could act as a hub for other regional development like the historic Aclare mine and Staunton village.

Carol spoke about the role of Council and also mentioned how things like the District's walking trails program could fit in.

In answer to a question from a gallery member about who would pay for any proposed development, the Chair said that the Master Plan and the new resources could be used by stakeholders like:

- Hillgrove to complete its obligations under the MCCP
- The mining regulator to check obligations had been met

- government to respond like
  - Local government – land use planning
  - State and Commonwealth Government – infrastructure planning and financial support through grant funding
- Private sector – to consider

The Chair offered an invitation to the wider community to become involved in the master planning process.

**Action:** the KCCCC members to be 'go-to' persons for the Playford Trust scholarship holder and the Futures Institute project team. Lachlan to arrange early meetings with each of these groups and the KCCCC.

## **6. Other local major enterprises with relevance to KCCCC**

The meeting agreed to extend the meeting time by 15 minutes.

### **Hanson- update**

Kelly Manning, Operations Manager Aggregates with Hanson, presented an update of the Hanson operation at the Kanmantoo Bluestone Quarry. Kelly said that Hanson had owned and operated the Kanmantoo Bluestone Quarry for just over one year. Kelly introduced the new Quarry Manager, Peter Ebbs, who had recently replaced Terry Townley.

Kelly said that Hanson was working with the mining regulator to progress their mining lease proposal for an extension of the operation and would soon be in a position to discuss the proposal with the local community who may be impacted.

Kelly said that discussions were on-going with the Council about water supply and the maintenance of Proctor Road.

In answer to a question, Kelly said that the offer to the Council to provide some resources like road base as part of Proctor road maintenance had been 'on the table' for some time and that Hanson was awaiting a response from Council regarding their road maintenance plans. Kelly said that over the past summer, there were less heavy vehicles from Hanson using the road than in the past but he was conscious that this could change if activity from the quarry was to increase.

### **Neutrog - update**

David Ellis, Supply Manager with Neutrog, presented an update of the Neutrog operation. David said that it had been a quiet time for Neutrog over summer with an emphasis on in-house maintenance and equipment upgrades.

David spoke about Neutrog's beautification program and identified some new plantings to be placed on previously open parts of the Neutrog site.

David said that Neutrog was keen to work with the community as a good neighbour.

He spoke about three recent odour complaints that Neutrog had received. He said that while he was pleased that the complaints were able to be addressed immediately they were received, he was disappointed that this meant the next day.

David said that to help address this, a contact system was being put in place so that the community could alert Neutrog more quickly and the response could be much faster. He said that the Plant Manager Peter Overall was the Neutrog contact point and his mobile number was 0437089126.

David said that the aim was to learn from these instances and address issues permanently but if complaints arose, Neutrog would like to respond immediately.

**7. Other business**

There was no other business

**8. Next meeting and close**

The meeting closed at 9.45pm

Next meeting – to be advised.

DRAFT