

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

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Draft Notes to the Meeting
10th November 2016
Callington Memorial Hall

1. Welcome and introductions

In attendance

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

Guests

Steve McClare (CEO Hillgrove Resources)
Kelly Manning and Terry Townley (Hanson)
David Ellis and Angus Irwin (Neutrog)
Greg Tyczenko, Prabhu Shanker and Daniel
Bellifemine (EPA)
Dr David Simon (SA Health)
Greg Drew (SA Mining History Group)

Apologies

Bev Robertson
Mark Goldsworthy MP (State Member
for Kavel)
Rebecca Sharkie MP (Federal Member
for Mayo)

There was a gallery of approximately 16 persons.

2. Confirmation of draft notes of previous meeting

The draft notes to the last meeting of the KCCCC held on 21st July 2016, were accepted without alteration.

Actions arising

Action items from the previous meeting were covered in agenda items to this meeting.

3. Kanmantoo Copper Mine: Update

Operational performance

Steve McClare said that the mine had been impacted by the recent extreme weather and some production had been lost. This was the result of the mine's procedures for shut down due to significant rain or strong winds coming into play as they should. However, with the weather moderating, the mine is expected to get back to operating normally.

Steve said that Hillgrove's balance sheet restructure was well advanced and he expected a further update on this before Christmas.

A member of the gallery asked about the potential to continue to mine after the current approvals date of 2019. Steve said that there was potential for more deposits of copper to be found in and around the current mining lease and / or beyond but if that were the case and the mine wished to continue to operate, a new approvals process would need to be followed. This would include the rigorous community engagement process that had been a feature of all previous approvals applications.

4. Issues: Standing Items

Dust

Lachlan presented a graph showing five dust exceedances over the August – October 2016 period where dust levels were recorded above a 24 hour average of 50 ug/m³. The most significant of these was on 9th August 2016. He explained that on this day the winds gusted to 110 km per hour.

With the exception of one day, the dust exceedances on these days were recorded at the monitor on Bill Filmer's property with winds blowing from the North - North / East.

Lachlan explained that dust lift had been identified on these days as having come from the tailings storage facility (TSF) and not from the wider mining operations. This represented a new source of dust.

He said that the dust management systems across site appeared to be working well following the recent addition of significantly more water supply for dust suppression and other initiatives like the spraying of polymer over roadsides and waste rock piles and the reaching of an advanced stage of rehabilitation in key areas that helped bind the soil.

Lachlan explained that the dust lifting from the TSF was a combination of the extreme weather and the elevation of the facility. The heavy rain had disturbed the hardpan surface of the TSF and the high velocity winds had lifted the dust.

There was general discussion involving the gallery about irritation from dust and dust was confirmed as the main on-going issue of concern for the community.

In response to a question from the gallery about the general risk to rainwater from dust leaving the mine site, Lachlan said that Hillgrove had a long-standing rainwater monitoring program and invited the gallery member (and any others who lived within 5 km of the mine site) to register their interest and he would see that they joined the program.

Action: Lachlan to follow up with the gallery member wishing to join the rainwater tank testing program.

In response to a question from Garry about the composition of the dust from the TSF, Dr Simon (SA Health) spoke briefly about his previous consideration of dust from the mining operations.

Action: Dr Simon agreed to work with Lachlan to review the composition of dust from the TSF and report back to the next KCCCC meeting.

Lachlan said that the TSF was a new source of dust and that the mine had moved quickly to find effective ways to manage it. Alistair confirmed that the dust exceedances had been reported to the Mining Regulator and work was well advanced to rectify the situation. Alistair said that one complaint about dust had been received during the period being discussed.

Lachlan explained that a number of solutions had been tried including additional water through the spigots of the TSF, faster rotation in the discharge cycle and consideration of surface mulching, straw baling and contouring.

Lachlan outlined the agreed solution. He presented a map that showed the TSF divided into sections. Lachlan explained that two thirds of the surface to the north of the TSF would be isolated. This area would not receive tailings and would be covered with a polymer binding agent similar to that used elsewhere on the site. The remaining one third towards the south would remain open to receive tailings at a higher rate and would therefore remain wetter for longer. Lachlan said that the first of the polymer binding agent would be laid in two weeks' time.

In the longer term, Lachlan said that as the TSF reached its final height it would be progressively covered and closed out permanently, which would eliminate any potential dust issue.

As the TSF was a new source of dust and the solution was different to other aspects of the mine's operations, it was suggested that a section on this should be included in the Community Information Sheet on 'Managing Sources of Dust' to keep the community informed.

Action: Lachlan agreed to work with the Chair to add a section to the Community Information Sheet on 'Managing Sources of Dust' to keep the community informed.

Other environmental emissions

A member of the gallery spoke about his difficulty in contacting mine management after hours over a concern about light spill. He said that previously he had been able to telephone the duty officer and resolve matters if and when they occurred but lately he had not been able to reach them directly.

Action: Lachlan agreed to investigate the after-hours contact arrangements and reply to the gallery member concerned.

Mine Closure and Completion Plan – progress report

Lachlan presented a series of maps showing how the mine was progressing against its mine closure and completion plan that has been agreed with the Mining Regulator and published in the mine plan (PEPR).

Lachlan reported that the rehabilitation programs for 2015 which focused on the north-eastern slopes of the TSF, were completed with very good results from the innovative approaches focused on the establishment of native vegetation with strong local provenance.

The 2016 rehabilitation program was well advanced with extensive work completed in July 2016 followed up with on-going top-soiling and stippling.

The 2017 program had been commenced with the backfilling of the Nugent Pit completed along with the reconstruction of the hill slope and top-soiling. The Emily Star back-fill was commenced in July 2016 and is expected to be completed by mid-2017.

Lachlan reiterated the point that the mine closure and completion plan was a requirement of the Mining Regulator and was included in the mine plan (PEPR) along with a schedule of works. *Therefore, if the KCCCC wished to suggest changes to the program like the retention of various infrastructure, Hillgrove should have these suggestions as soon as possible as they would need to discuss and agree any changes with the Regulator before they could be implemented.*

Lachlan presented stylised pictures of projected profiles of the waste dump viewed from the SE Freeway showing the final landform scheduled for beyond 2020. He also presented a map of the SEB offset program which he said was progressing well, on and off the mining lease.

Lachlan said that the mine currently employed 200 people (November 2016) with 81% living in the local area (38) or region (134).

Community Action List (CAL)

The latest draft CAL (October 2016) had been published on the KCCCC webpage and hard copies were available at the meeting.

5. Master Planning Working Party – Workshop

The Chair said that the Master Planning Working Party had met twice since the last full KCCCC meeting as well as two smaller follow up meetings and a display at the Callington Show.

Significant progress had been made by the Working Party in converting the vision of the Master Plan into an Action Plan incorporating the many and varied ideas collected from the wider community over the past 18 months.

This process had included the preparation of a table, which placed the ideas into four quadrants based on their ease of implementation and their value for the community.

Workshop

The Chair explained that the meeting would break into a workshop style where the KCCCC members and the gallery could choose one or more of the following three topics to consider:

1. Mining history and heritage – led by Greg Drew
2. Natural environment – led by Harry Seager
3. Infrastructure- led by Lachlan Wallace

Each topic was presented at a separate station that included a laminated map of the mining lease area showing relevant topic features, a list of the ideas' table (described above) and various other materials.

The aim of the workshop was to identify ways in which Hillgrove's mine closure and completion plan may be modified to support the community ideas in the idea's table. Each group used the maps to draw and note ideas and the leaders provided a summary of the discussion in a plenary session.

Plenary discussion

Greg's group looked at revitalising existing drive trails around the area to complement a proposed walking trail. The group also pointed out the importance of social history including architecture and lifestyle of the current and previous townships of Callington, Kanmantoo, Staunton Village and Paringa Village. Greg also mentioned the opportunity for a geo park and explained the clear link between the geology of the area, mining, native vegetation and natural ecosystems. Greg stressed the need to ensure that significant relics and remnants of each of the generations of mining are noted and spoke particularly of the Paringa mine site.

Harry's group identified the three sources of native vegetation shown on the topic display map: remnant native vegetation, previous Landcare and other programs on land in the area and the mine's SEB program on and off the mining lease. Harry spoke about the need for practical approaches to potential future ownership of land in the area through land management plans for example that may be attached to Hillgrove-owned land that has been subject to SEB programs. Harry pointed out that land use potential (for cherries) had been sourced from PIRSA and was shown on the group's map. It demonstrated that with infrastructure legacy like water left after mining, there were many options for agriculture /

horticulture that could be considered as a future land use. Harry spoke about using the roads in the area as revegetation corridors and the importance of contiguous vegetation.

Lachlan's group looked at options for retaining mine infrastructure like access roads and buildings. Lachlan said that a case would need to be made by matching the retention of infrastructure with future land use options like roads, power and appropriate zoning for an industrial site, water management facilities for agricultural / horticultural land use and access roads for a mining history and heritage tourism trails. He said that this was important because there were other decision makers involved like Council who was responsible for land use zoning. Lachlan pointed out that eventually any infrastructure left behind needed to be owned and maintained by some entity. Lachlan also spoke about the potential for new infrastructure initiatives like energy projects (wind and water management – mini hydro) based on extending the existing infrastructure like the electricity grid connection.

General discussion from the gallery included highlighting the need to identify how, and to what extent, continuing access to the site would be available for local residents (and others) after mining was completed.

Action: The Chair said that he would take the maps and the notes from each group and prepare a 'brief' that would clearly identify the most urgent suggestions for consideration by Hillgrove for inclusion in their mine closure and completion plan.

Action: Lachlan said that Hillgrove would present the brief to a tertiary student identified through the Playford Trust to receive a scholarship. This person would be a post graduate geology student with a GIS capability who would map the ideas from today's workshop (and the ideas on other topics) as a series of overlaid maps that could be linked directly to the mine closure and completion plan.

The meeting agreed that this was an excellent way of progressing the work and congratulated Lachlan and Hillgrove on the scholarship initiative.

4. KCCCC business

Review of the KCCCC Terms of Reference and confirmation of the role of the KCCCC.

This item was carried over to the next KCCCC meeting.

5. Other local major enterprises with relevance to KCCCC

Hanson- update

Kelly Manning, Operations Manager Aggregates with Hanson, presented an update of the Hanson operation at the Kanmantoo Quarry.

Kelly said that the long, wet winter had had a significant impact on their production. He outlined a number of initiatives at the quarry that had been undertaken during this period including the removal of a large quantity of mounded rock waste on the pit floor to allow for greater access and the more efficient location of crushing and other equipment.

Kelly also outlined a recent planting program of about 300 trees on site and said that Hanson had also taken possession of a new water tanker that would be used for dust suppression in the upcoming dry season.

Kelly said that they had recently taken on three new employees from the region and were also looking for more people to work in the dimension stone production line.

Kelly said that Hanson had received its EPA licence for the quarry with the current term to run until May 2017. A mining lease application for an extension to the current footprint for the

quarry was being prepared and the company was currently compiling a stakeholders list for a community consultation process that would form an important part of the approvals process.

Kelly said discussions with Council were progressing on the management of Proctor Road with a focus on dust management. Some new initiatives were being tested by Hanson like a trial of recycled asphalt that had proven successful in other Hanson quarry sites. Initial plans are to apply this material to the section of entrance road inside the main gate. Discussions were also continuing with Fulton Hogan on the potential use of a binding agent for quarry haul roads and pit floor areas similar to that used on the town end of Proctor Road.

In answer to a question from the gallery, Kelly said that there were as few as 4 or 5 trucks a day using Proctor Road during winter rising to 20 or so when demand picks up.

Neutrog- update

David Ellis, Supply Manager with Neutrog, presented an update of the Neutrog operation. David spoke about the recent storms impacting their operation as it had for Hanson and Hillgrove.

David said that Neutrog was extending its garden area in front of the office to be more parklike. They had also developed an abortorium that housed about 200 rare fruit varieties for grafting with plans for future plantings. The abortorium is in cooperation with the rare fruit society.

David said that in late June 2016 Neutrog had taken up an offer by Hillgrove for them to use the Hillgrove access road. Since that time there had been no complaints to Neutrog about traffic and about 80 percent of the trucks coming into and out of Neutrog were using the access road.

David said that as part of the KCCCC Master Planning process, Neutrog would be keen to have the access road preserved for future use after the mine closes. He said that this road may also service other enterprises that may invest in the area in the future. David suggested that the potential for the access road to be bituminized should be investigated and offered for Neutrog to take a lead in any research that may be required.

Action: The Chair said that he would ensure that the suggestion to preserve the Hillgrove access road and investigate its potential for sealing was included in the Action Planning brief. He invited David to attend the next Master Planning Working Party meeting where the idea could be progressed

6. Other business

There was no other business

7. Next meeting and close

The Chair said that a meeting of the Master Planning Working Party would be scheduled before Christmas 2016.