

KANMANTOO-CALLINGTON COMMUNITY CONSULTATIVE COMMITTEE (KCCCC)

KCCCC Secretariat

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Chairperson

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Draft Notes to the Meeting

20 September 2018

Callington Memorial Hall

1. Welcome and introductions

In attendance

Karlene Maywald (Chairperson)

Fiona Challen

Harry Seager

Tony Aloisi

Ed Thomas

Carol Bailey

Melanie Reifell

Garry Duncan

Lachlan Wallace

Mark Stewart (DPC)

Ross Oke

Apologies

Rebekha Sharkie MP (Member for Mayo)

Adrian Pederick, Kathy Schneider Roberts

Guests

Peter Bond, Kanmantoo Copper Mine Licence Manager – EPA

Greg Tzyenco – EPA

Dr David Simon- Department of Health

Gallery

Six people attended the meeting

Welcome from Karlene Maywald (KM), chairperson. KM gave a brief on her background in previous roles (Murray/Darling and other)

Change of membership – Tony Freshwater resigned.

2. Confirmation of notes of previous KCCCC meeting of 21 June 2018

The draft notes to the last meeting of the committee held on 21 June 2018 were accepted without alteration.

Actions completed from last minutes:

- “Kunga Tuko” concept for heritage walk through Kanmantoo (starting at Memorial Wall)
- Dust source –Site visit from complainant identified topsoil placement for rehab on Nugent landform as the culprit for dust source on those days identified in the last meeting.
- carbon cycling trial explained with information slides as response to request for further information.

3. Master Planning and the mine closure and completion program

- Master Plan progress update by Fiona Challen (FC) is 90% complete (see slides for more info). Development of tool for assessment. The Chair reminded the Gallery that the draft is to be provided for community review & feedback next week.
- GD explanation of Kunga Tuko concept for heritage walk --- starting at the soon to be built war memorial wall in Kanmantoo (\$10K RSL/HGO Donation) then Kunga Tuko sculpture at intersection progressing to Mine Lookout, Stoughton Village, Callington trail proposed locations.
- The Chair emphasised presentation of concept at Callington show to gather feedback and input. Presentation to Council for feedback = more interest.

Action – CD bring sample of Vital Bon Matt or green dust suppression to the show

- Grant for Recreation & Sports Centre – Harry Seager (HS) Proposal to replace current venue – Waste water issues have blown out costs \$30-\$130K. Chair may be able to assist with resolution of the waste water issue (use of show attendance numbers to calculate volume).
 - Developing final plan & most funding done. DCMB will project develop & coordinate.
 - Development Approval is next step.
- Gallery – is the Callington Pub trail being updated? Yes, by Harry Seger.
- *Brand SA – I Choose SA* – focus on Mining for state promotion to prominent business people. Promoted Master Plan at luncheon by local committee members. Ambassadors were nominated (Katie Holmes, Oz Minerals / Lachlan Wallace, Hillgrove). Reaching out for funding & grants for Master Plan long term projects (think +\$1M for development of the lookout).
- Chair – it must inform council of community vision to create linkage to other strategic plans.
- Next Step – presentation of the Master Plan at the Callington Show

Action – Fiona Challan– implementation of strategy for assessment process to ensure progress against the pillars.

- Chair reminds the gallery of the amount of work volunteers contribute to plan. Process and communications strategy part of document.

4. Issues: Standing Items

Kanmantoo Copper Mine Update:

Current operations:

- Site visit by KCCCC – Rehab sites, seed production area, pit and backfilled Nugent pit and the TSF
 - Visit occurred on a day when winds exceeded 90km/hr and dust was extreme. The operation recorded an exceedance of criteria on the day and reported a non-compliance to the Mining Regulator. Feedback from committee top the gallery related that the site was a source of dust but equally dust was just as bad from surrounding properties. This was relayed to the regulatory authorities present.
 - The committee also reviewed locations for the
 - Proposed lookout
 - Heritage walk McFarlane hill & old workings/Paringa chimney
 - Extension of heritage walk through off lease planting areas.
- LW -Mine Closure update -2019 mining in the pit will stop – 2020 processing the remaining low grade stockpiles– elements put forward for consideration by KCCCC:
 - The future use of buildings and identification of resources for sculpture.
 - NW woodlands for green corridor – desire to protect.
 - Paringa chimney access – data & GIS required. Maybe guided visits.
 - Nugent shaft & zone SE pit.
 - SPA's minimum requirement for operation as a community asset.
 - Managers house & slag heap (clear screen signs to view what was there).
 - Feedback from public that Paringa chimney is important beautiful & interesting.
- LW – Committee needs to focus on offsite opportunities while the Mining Lease is still in place.

Performance

- LW – exceedances since last meeting: 1 x Blast, 5 x Dust exceedances (explanation re slides).
- MS – supported findings of these incident investigations.
- GD – lots of dust not from the site as evidenced on day of site visit
 - MR seconded that experience and was surprised by her own finding.
 - HS – nature of the wind across TSF surface in those conditions (day of site visit 90km/hr wind) no suppression would be effective – Hanson quarry was very dusty and visible from highway. Would be contributing to reading on site monitoring on the day.
- HJ – Driving down Callington Hill the dust is visible all the time and looks different to the dust generated off site. Very concerned at potential health impacts.
 - GD – a lot is not from the mine.
 - CB – Lots coming onto the site from external sources.
 - LW – yes lots of off-site sources but operation is a major contributor.
- HJ – has there been an analysis of the dust...is it toxic?
 - DS – Dust analysis shows that dust is **not** toxic.
 - HJ – mine dust is/looks different... it sparkles – so origin of dust is discernible.
 - SM - Source of dust and identification of origin studies were undertaken and households in Kanmantoo and Callington participated and all collected and assessed independently all samples were similar.
 - GD- monitors upstream and down show similar material.
 - HJ – wasn't like this when as a kid growing up in area.
 - LW – presents dust data for all exceedances since last meeting.
 - EPA– seems that everything that can be done is being done. Site visit planned for review early October.
- LW – Rainfall has been very deficient as we all know –planning to close out and rehab ASAP.
- GD – While in the Riverland noticed more dust from centre-pivot than TFS.
- FC – Crusher / Tipping identified as problems in the past (Q) are we still doing it?
- LW (A) yes still spraying in crusher.
- LW - Reinforced that all incidents were Northerly wind related and not toward the township of Kanmantoo.
- GD- Pit dust is visible from Callington Hill
- RA -Do we plan to rehab TSF?
 - LW – Yes. The rehab is progressive and the surface area for dust generation is being reduced.

Rehabilitation (see slides for detail)

- CD –hydro mulching -advantages -seeding rate, protection of seeds from evaporation, suppress weeds and reduce dust. Can be applied to steep surfaces 50 meters vertical.
- CD – Carbon Cycle Trial site – addition of biochar, fibre mulch, soil conditioners and propriety ingredients to kick start micro-organisms that aid germination and survival.
 - Spraygrass will produce a report for transfer of information.
- MR – requests better explanation of why encapsulation prior to rehab of the IWL is so important
- LW explains acid generation from the exposure of sulphides and the 2m store and release cover and Erosion Management to prevent oxidation of the sulphides. CD discusses the TSF double lining process with seepage interception layer and underdrainage

Back Filled Pits

- Nugent – Back filled and re-contoured to hillside profile and hydro seeding complete, now some complementary maintenance and works only.
- Emily - Back filled to above surface level and lower batters hand seeded (top area currently used for stockpiles and go-line.

Future Projects

Pumped Hydro Energy Storage (PHES)

- LW – have received commercial bids and investigation if dam can be built on old TSF is underway as it creates a chance to rehab a legacy issue for Government/Community.
- Lots of department meetings to come to progress the project.

- HS – sensible idea if on old TSF as would be less clearance of vegetation
- HJ – why would you bother if it's been like this for a long time and not doing harm.
- Is generating localised contamination and has the potential to do further harm under the right circumstances.
- HJ – leachate is evaporated from old TSF is it toxic in the atmosphere?
 - Gallery member explains that only water evaporates, just water vapor in the air.

Exploration

- LW -Drilling has commenced at Kanappa.
- Near mine exploration – follow up studies planned as results incomplete due to interference with signal from train and power lines.

5. Other business

- HS – article in The Advertiser is incorrect – SM – not an accurate interview – would be referring to the Coonalpyn and regional exploration.
 - MS – yes article was very misleading.
- HJ– Proctor Road is a safety issue. The hill to Nursery Road is dangerous, and dust is still terrible. Is there a plan for council to up-grade?
 - HS– upgrade is in negotiation with DCMB & Quarry.
 - Carol - has been reported numerous times.
 - GD – KAG & HGO elevated the issue.
- MR – The car rally will be dusty. It was poorly advertised and not enough advance warning.

Chair - thanked the gallery for their attendance

6. Next Meeting

29th November 2018 – Callington Hall

Close 9.15pm