

**Kanmantoo Callington Community Consultative Committee (KCCCC)
Community Action List**

Topic 1: Dust and water (emissions from mining operations including dust, noise and vibration)

Community issues	Community expectations	Community Action List
<p>Dust and lifestyle</p>	<p>The community expects that dust levels from the mine site should be such that they do not unduly disturb the lifestyle of the surrounding community.</p> <p>The community wants to see a major reduction in the drift of the 'dust halo' from the mine site</p>	<p>KCCCC formed a Dust Working Party in March 2014, led by Garry Duncan.</p> <ul style="list-style-type: none"> Working Party reports have been presented at each KCCCC meeting as a standing item <p>Initiatives of the Dust Working Party related to dust and lifestyle include:</p> <ul style="list-style-type: none"> site visits and first hand observations and discussion around dust sources, dust management and dust monitoring produced community information sheet on <i>Sources of Dust</i> noted improvements to dust monitoring that the mine is introducing through the reviewed mining plan (PEPR July 2014) produced community information sheet on <i>Monitoring of Dust</i> suggested investigating opportunities for improved dust suppression using technology transfer from agriculture invited EPA to attend KCCCC meeting to assist in community understanding of its role <p>Three sets of continuous dust monitoring equipment have been installed in late 2014. These are capable of monitoring PM10 and all dust and are located in a triangular pattern around the mining lease, including in close proximity to residents</p> <p>The reviewed PEPR (July 2014) includes a revised dust management program including enhanced dust monitoring and an expanded dust trigger and response plan. The trigger and response plan includes introducing constraints on mine operations as dust risk increases which may lead to the shutting down of mining operations in extreme conditions.</p>
<p>Dust and health</p>	<p>The community expects that there should be no community health risks from dust emissions from the mine site</p> <p>The community wants an assurance that there are no adverse health</p>	<p>Initiatives of the Dust Working Party related to Dust and Health include:</p> <ul style="list-style-type: none"> prepared a request for information about potential health risks (related to dust) from an independent health professional, Dr Simon from SA Health, using the available dust monitoring data and information provided by Hillgrove including work conducted by independent expert consultants engaged by the company hosted a site visit to introduce Dr Simon received a preliminary report on Dust and Health from Dr Simon

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	<p>risks from the mine dust that may escape the mine site. This includes rainwater quality from dust contamination for nearby community members and other factors like the potential to enter the food chain.</p>	<ul style="list-style-type: none"> • hosted Dr Simon at a KCCCC meeting to discuss dust and health matters with the community • hosted Dr Simon on a site visit that focused on the new dust and weather monitoring arrangements at the mine • continue to refer dust and health questions to Dr Simon who is staying connected to community through the KCCCC <p>Other initiatives</p> <ul style="list-style-type: none"> • Hillgrove Resources has extended its independent rain water tank monitoring program to include any local resident of Kanmantoo or Callington (within 5 km of the mine site) who wishes to be involved
<p>Noise</p>	<p>The community expects that noise levels from the mine site should be such that they do not unduly disturb the lifestyle of the surrounding community.</p> <p>The community wants to see the company recognise and respond to noise risk as it relates to the nature of operations (type of activity such as blasting, crushing and traffic) plus conditions like wind, day or night and changes to background noise that lift or lower aggregate noise levels. On ‘peak noise days’ where weather or other conditions mean less tolerance for noise, the community wants to see an active, real time response to reduce the noise from the site.</p>	<p>Reversing alarms (white noise) designed to reduce noise ‘carry’ have been installed on all vehicles</p> <p>A review of the use of tracked vehicles particularly at night on the building of the Tailings Storage Facility (TSF) was conducted. A trial of the use of rubber tyred loaders for this purpose was done with a view to reducing noise.</p> <p>Noise risk as a result of weather conditions and scheduled nature and location of activities is considered in the design of daily work plans. Work plans (and the risks on particular days) are discussed with workers at daily tool box meetings (muster) at the change of shifts.</p>

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Vibration	<p>The community expects to be kept informed about potential vibration events like blasting.</p> <p>The community expects the impacts of vibration from predictable causes like blasting are minimised</p> <p>The community expects that any vibration caused by the mine is managed to a level that there is no damage to property.</p>	<p>Hillgrove has worked with a local resident using monitoring equipment to provide accurate data on blasting impacts which can then be used to inform the blasting process with a view to minimising potential vibration</p> <p>Modifications to blasting techniques were implemented for the lower benches of the main pit (Kavanagh) in response to greater risk of conducting vibration towards Kanmantoo residents through natural rock structures in this area.</p> <p>Hillgrove provided a presentation on blasting initiatives for the KCCCC at June 2014 meeting. A draft Community Information Sheet on <i>Blasting</i> is being developed based on this presentation.</p>
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Topic 2: Impacted vegetation and rehabilitation (natural environment)

Community issues	Community expectations	Community Action List
Risk to EPBC listed Eucalyptus odorata community to the north of the pit.	<p>The community expects that the area of Euc Odorata to the north of the pit will be avoided</p> <p>The community believes that there was an agreement struck between the company and the community that the area of Euc Odorata to the north of the pit would be avoided in mining plans. The community expects that this agreement will be honoured.</p>	<p>Hillgrove has agreed that that this area to the north of the main pit (known as Matthew) will not be disturbed. Mention of this area was subsequently removed from Hillgrove's application for a mine life extension and its revised PEPR.</p>

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<p>Risk to EPBC listed Lomandra effusa community to the south.</p>	<p>The community expects that other significant natural populations like the Lomandra effusa to the south of the mine will be recognized and valued and efforts including SEB offsets will be successful in supporting this.</p>	<p>Consideration of high environmental value natural populations has been identified in the community's Master Planning process and Hillgrove has been encouraged to build consideration of this priority into its SEB and rehabilitation programs.</p>
<p>Habitat and wildlife loss and environmental degradation</p>	<p>The community wants to see the potential loss of flora and fauna managed in a way that promotes continuity of unique wildlife.</p>	<p>Hillgrove has established and manages a propagation centre and seed bank on site.</p> <p>A trial of rehabilitation techniques has been conducted known as the NW Woodland Rehabilitation Project. A project is being developed by the Master Planning Working Party aimed at encouraging the wider application of these techniques in the wider community.</p>
<p>Quality and quantity of survey data</p>	<p>The community expects that programs like flora and fauna surveys designed to better understand the natural environment and interventions such as seed collection and animal rescue will be continued and improved through the life of the mine.</p> <p>The community wants to see that the overall environmental programs of the mine will add value to the community and leave a positive legacy by accurately documenting flora and fauna to produce a meaningful longitudinal data set from surveys</p> <p>The community wants to see a methodology used in flora and</p>	<p>A number of small scale community benefit projects are being progressed by the community (led by groups like Landcare) including a Children's Nature Park (AKA Butterfly Garden) that represents a scaled down expression of the environmental values sought by the community for the Kanmantoo Callington area. Data and information from Hillgrove's experience with rehabilitation programs are being used to support this project along with a recognition by Hillgrove of this community priority and alignment where possible with the mine's Significant Environmental Benefit (SEB) program and other environmental commitments.</p> <p>An ongoing collection of survey data is a feature of the work of the propagation centre and seed bank in conjunction with the very active local Landcare group.</p>

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	<p>fauna surveys that ensures data is accurate, valid and consistent with longitudinal data sets</p> <p>The community wants to see consideration given to the potentially for other species still not recorded in the areas proposed for clearance to be identified from surveys.</p>	
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Topic 3: Footprint, integrated waste landform (IWL) and visual amenity

Community issues	Community expectations	Community Action List
Integrated Waste Landform	The community expects that engineered structures like the tailing dams liner be upgraded as required to manage any changes to load that may arise from changes to mining operations	The final stage construction of the TSF is nearing completion.
Final landform	The community expects to be kept informed about what the final landforms for the rehabilitated mine site will look like and involved through the mine closure planning process.	Hillgrove has prepared and presented information on final landforms and 'side by side' comparisons of the original proposed final landforms with those that may arise from a proposed mine life extension.

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Topic 4: Employment and community enhancement

Community issues	Community expectations	Community Action List
Community enhancement	<p>The community expects that the company will demonstrate a commitment to enhancing the community during their operations and following closure</p> <p>The community expects to be involved in mine closure plans in order to develop an understanding and contribute to the delivery of community benefits.</p> <p>The community expects that the Bond held by DMITRE is appropriate for the rehabilitation of the site in any unforeseen circumstances that may arise.</p>	<p>A KCCCC Working Party led by Fiona Challen has been formed to promote the development of a Master Plan for the Kanmantoo Callington area with a particular focus on a sustainable future after mining is concluded. The Kanmantoo Copper Mine's, 'Mine Closure Plan' is a key resource for the Working Party.</p> <p>The Working Party is keen to involve the whole community in this initiative. A Discussion Paper introducing the concept of an Eco – Geo Park has been released to assist in raising wider community awareness and encouraging participation.</p> <p>The Working Party is working closely with the District Council of Mt Barker as they go through a review of their Strategic Plan for the District.</p> <p>A meeting with key Government Ministers and senior government executives is being planned for the second quarter of 2015 March. The KCCCC has arranged with Hillgrove to include a meeting with the KCCCC as part of an itinerary currently being developed before inviting the SA Resources Minister to tour the mine site.</p>
A growing community	<p>The community expects the company to work to preserve and enhance the sense of community for Kanmantoo and Callington</p>	<p>As of February 2014, there were 40 employees living in the local community (within 5 km of the mine) and a further 103 in the region (within 25 kilometres of the mine).</p> <p>The employment policy of Hillgrove acknowledges the benefits of employing local people and using local services and product suppliers. .</p>
Community projects	<p>The community expects that benefits will accrue for the community as a result of the state government royalties collected from the mine as well as the day to day operations of</p>	<p>KCCCC member Allana Vorstenbosch has taken the lead in promoting a range of smaller scale community projects which can be delivered in the short term. Examples include:</p> <ul style="list-style-type: none"> • revamping the current school bus pick up area Mine Rd/Princess Hwy. Creating a larger shelter to accommodate all of the local students, creating a designated bus pull off area where students can board and exit safely.

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	the mine.	<ul style="list-style-type: none">• planting out of roadsides with native vegetation along the length of Proctor Road, Mine Road & both sides of the Kanmantoo Township, along the Old Princess Highway.• planting trees to provide shade in summer at the Kanmantoo Bike Park. Planting native vegetation around the boundary & adding a BBQ and seating area so families can enjoy an afternoon out.• creating a fully fenced, off-leash Dog Park on the vacant reserve area near the beginning of Mine Road.• supporting the Kanmantoo Callington Landcare Group in their project to develop a Butterfly Garden / Children's Nature Park next to the Callington Community Hall <p>A project was submitted to the Fund My Idea initiative of State Government to assist the community to upgrade the school bus shelters and 'bus pull off' zones in Kanmantoo and Callington. The bid was unsuccessful.</p> <p>The representative of the mining Regulator on the working party (Alistair) is looking into the potential challenges and likely support from government agencies for community enhancement programs like using mine waste rock to rehabilitate eroded swales in the area.</p>
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