



Peppertree Community Consultative Committee

Minutes

Meeting Date: 7th February 2019

Location: Peppertree Quarry, Marulan South

CCC Member

Attendees: Geoff Clark (representing Tallong Community Focus Group); Russell Montgomery (community representative); Gordon Kirkby (JBA Urban Planning – Independent Chairperson); Cr Sturgiss (representing Goulburn Mulwaree Council);

Boral attendees: Angus Shedden, Sharon Makin, Chris Brown, Kurt Bridges, Cain Mowbray

Apologies: Tino Foti (local business representative); Charles Mendel (community representative)

Distribution: As above; Department of Planning (Georgia Dragicevic <Georgia.Dragicevic@planning.nsw.gov.au>); Goulburn Mulwaree Council Administration (amy.croker@goulburn.nsw.gov.au)

Subject: February 2019 Meeting of Peppertree Quarry CCC

Item	Description
Welcome and Introduction	Gordon opened the meeting at 3.11 pm, welcomed all members
Apologies	as above
Site Inspection	not undertaken
Confirmation of minutes from previous meeting	The Committee accept that the minutes from last meeting were an accurate record of the meeting. Moved G.Clark.
Business arising	provide details on Weatherzone forecasting system algorithms – not progressed
Correspondence IN	Department of Planning and Environment <ul style="list-style-type: none"> Site inspection held Friday 1st February 2019 regarding Modification 5 Supplementary information supplied to Department with more required by end of February
Correspondence OUT	EPA <ul style="list-style-type: none"> Site inspection November 2018 Discussion re Modification 5 Noise conditions Environment Protection Licence Annual return NSW Water <ul style="list-style-type: none"> Site inspection November 2018



	<p>G Clark</p> <ul style="list-style-type: none"> weather data reviews – weather station monthly reviews (July, August, Sept, Oct, Nov, Dec 2018)
<p>Progress of Operations to date</p>	<p>Safety</p> <ul style="list-style-type: none"> Achieved zero LTI's since last CCC (August 2018) <p>Overburden</p> <ul style="list-style-type: none"> Overburden works continue with the development of the southern overburden and associated storm water controls Tree planting, top-soiling and hydro-mulching of these areas has commenced <p>Pit update</p> <ul style="list-style-type: none"> Mine plan remains a consistent Easterly direction with additional load and haul of rock from top bench as part of the overburden works <p>Processing</p> <ul style="list-style-type: none"> A new excavator (150t CAT) has helped increase uptime through our primary plant Continuous improvement works have helped deliver a daily record production volume just this week With improved plant uptime and throughput rates we have now brought in an additional train Currently in the process of building a store for parts to reduce reliance on shipping containers Have added a 5th train as well to move product to rail terminals. <p>People</p> <ul style="list-style-type: none"> We have recently advertised for 8 new operator roles. Majority of these roles have been filled. This now takes the site to 53 full time employees.
<p>OH&S</p>	<ul style="list-style-type: none"> No loss time injuries DPI audit on Working at Heights No major issues identified Finalist for the 2018 National IQA safety awards but unsuccessful Hearing tests performed on all Peppertree quarry staff as part of bi annual checks Personal dust monitoring undertaken as part of annual testing Health Control plan developed to assess range of risks to ensure controls are in place
<p>Environment incidents</p> <p>complaints</p> <p>Air Quality</p>	<ul style="list-style-type: none"> Environmental Incidents (August 2018 to January 2019) <ul style="list-style-type: none"> August 2018 2 spills / 1 sewer Sept 2018 2 spills / 1 wombat Oct 2018 1 potential erosion Nov 2018 1 dust Dec 2018 4 spills / 3 potential erosion Jan 2019 1 spill Nil complaints Air monitoring results were tabled for discussion. Results are available for dust deposition gauges and high volume air samplers, both total suspended particles (TSP) and particulate matter less than 10 microns (PM10). Dust deposition gauges are all located on Boral land. Measured results are extrapolated to the boundary and therefore possible impacts to



<p>Blasting</p> <p>Noise</p> <p>surface water</p> <p>Ground water</p> <p>Heritage</p> <p>Rehabilitation</p>	<p>private property are identified. All results are below the criteria as per the approval</p> <ul style="list-style-type: none"> • PM10, Annual average in compliance. No samples over 24 hour criteria beyond the boundary. • TSP in compliance. • All blasts have complied with noise and vibration measurements requirements. • Quarterly Noise monitoring was conducted in July and November 2018. In compliance at all receivers. Monitoring undertaken in January 2019 but results not received as yet. • surface water Quarterly monitoring round undertaken in September and November 2018. Total Nitrogen for T1 is in compliance with levels in the dam decreasing during 2017 and 2018. Total dissolved solids in compliance. Turbidity in compliance, with the exception of the dam after a storm event.. pH fluctuates for the dam but T1 downstream is in compliance. Total phosphorus In compliance for T1 but fluctuates for the dam. May be due to changes in water level introducing nutrients from above the site and an increase in water fowl population in the dam. Marulan south creek (background) shows a similar pattern. • Environmental Flow - 10% environmental flow required – in compliance • Groundwater samples - Monitoring conducted July and October 2018. No draw down of ground water from sentinel well .ie no impact on local groundwater. All results are in compliance with some exceptions associated with naturally high background levels of total nitrogen and total phosphorus. Revised statistical review now required as we have 10 sample rounds of data • Heritage salvage works have now been completed. • Next step is to collate and catalogue the artifacts commencing in July 2019 • Second Rapid Visual assessment undertaken to identify any rehabilitation site issues • First transect monitoring undertaken on rehabilitated sites. This is undertaken every 2 years to provide guidance on the success of the plantings • 40 000m2 area hydro mulched on the southern overburden • Top of the eastern overburden and slope have been planted • 67 feral goats removed from site with more to be captured
	<ul style="list-style-type: none"> ▪ CVA schools program conducted at Marulan Public school ▪ Outward Bound – May 2019 ▪ Kite festival September 2018 ▪ 150th railway celebrations ▪ Representatives at Tallong Armistice Day ▪ Marulan Village plan



	<ul style="list-style-type: none"> ▪ Visit to Marulan Public school with other quarry representatives ▪ Participation in the CMIC 18 Conference ▪ Goulburn Mulwaree Council Charity Golf day ▪ Goulburn Mulwaree Community Bike ride ▪ IQA Women in Quarrying conference
<p>Plans for next three months</p>	<p>Safety</p> <ul style="list-style-type: none"> • Maintain zero harm to our employees and contractors • Focus on pedestrian and vehicle interactions <p>Overburden</p> <ul style="list-style-type: none"> • Completion of the Southern overburden dump by June 2019 <p>Pit update</p> <ul style="list-style-type: none"> • In March 19 we will be constructing a new conveyor to head South across the pit floor • In April 19 the primary crusher will move onto this new conveyor and progress South for the rest of the year <p>Processing</p> <ul style="list-style-type: none"> • The store for parts storage will be completed allowing for a large tidy up around site of parts • We will be bedding in the additional train <p>People</p> <ul style="list-style-type: none"> • Continuation of training and development of our people
<p>General Business</p>	<p>Weather station update</p> <ul style="list-style-type: none"> ▪ Site inspection by Alec from Todoroski Air Sciences. Preferred location identified, waiting on report ▪ Waiting to confirm current weather station is compatible with the real time noise monitoring <p>Real Time noise monitoring</p> <ul style="list-style-type: none"> • Contract has been let to install real time noise monitoring at a sensitive receiver to enable pit operations to be shut down if noise is excessive <p>Independent Audit</p> <ul style="list-style-type: none"> • Required every 3 year. Being undertaken by Advisian. Conducted in November 2018 with report to be made available end of January 2019. <p>Drought Contingency planning</p> <ul style="list-style-type: none"> • Site has been working on planning for drought with only 2 months of water supply remaining back in December 2018 <p>Marulan South Limestone update</p> <ul style="list-style-type: none"> ▪ The company has lodged a revised EA in December 2018. ▪ Department of Planning visited site Friday 1st 2019 with Local government representatives visiting Thursday 7th February. ▪ Next step is for formal public exhibition <p>Peppertree Quarry Modification 5</p> <ul style="list-style-type: none"> ▪ has been on Public exhibition ▪ Number of responses from government authorities and 2 public submissions ▪ Preliminary response to comments has been made to the Department with a final response required by the end of February 2019. ▪ Site inspection by the Department of planning Friday 1st February 2019



Actions	<ul style="list-style-type: none">• Provide details on weatherzone forecasting system algorithms• Presentation for next meeting to include requirements for the DPE CCC guidelines
Next Meeting	proposed Wednesday 9 th May 2019
Meeting Close	5 pm

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