

MACH ENERGY AUSTRALIA PTY LTD

Mount Pleasant Operation Record of Meeting – Community Consultative Committee

Date	13 December 2018
Time Start	10:03 am
Time Finish	12:00 pm
Location	Mount Pleasant Operation – Training Room
Minutes	Lesley McLoughlin [LM]

Opening of Meeting	Meeting opened at 10:00 Explained emergency procedures and muster area location in the event of an evacuation
	Acting Chair: David Ross [DR]
	Community Consultative Committee Members: Llewellyn Bates [LB], Jonathon Moore [JM], Tim Troon [TT], Trevor Parkinson [TP], Rod Upton [RU], Mayor Martin Rush [MR]
	Guests: James Barben [JB] NSW Minerals Council
	Government Department Representatives: None
	Muswellbrook Shire Council: None
	Mount Pleasant Operation: Ngaire Baker [NB], Andrew Kelly [AK], Ian Webber [IW], Lesley McLoughlin [LM] Chris Lauritzen (CL), Richard Baily [RB], Dean Sugden [DS]
	Thiess: Michelle Eckersley [ME], Peter York [PY]
Declaration of Pecuniary Interests	DR request that people present disclose if they have any pecuniary interests: <ul style="list-style-type: none"> [DR] paid to chair CCC meeting for the 13.12.18
Safety Share	<ul style="list-style-type: none"> [RB] Construction works continuing around site. Also at this time of the year, be aware when working at heights around your home, lights on rooftops etc. [IW] Increased number of brown snakes sighted.
1. Apologies	Mayor Martin Rush
2. Previous Minutes	The minutes from previous meeting September 9th, 2018 were accepted as a true record of the meeting. Moved by RU and seconded by LB.
3. Matters Arising	<ul style="list-style-type: none"> [JM] Intersection at Wybong and Bengalla Link Roads. [RB] Changes have been made with a new chevron added. Wybong

	<p>Road sign suggested.</p> <ul style="list-style-type: none"> • [JM] Suggestion made to add white painted lines on the road when approaching the T intersection. • Action – [RB] Make a request to council to add white lines to increase safety of approaching the T intersection.
<p>4. Operations Update - RB</p>	<ul style="list-style-type: none"> • Construction complete on the CHPP Bypass circuit. • Some areas of work ending, areas of construction workforce will ramp down. • First commissioning coal – December 2018. • Railing coal within one to two weeks. • Mine Water Dam and Fines Emplacement facilities completed. • Successful testing of Aurizon train at the Mount Pleasant train loadout. • Thies moving to 24/7 operation week of 17th December. • Limited operations over the Christmas period. • CHPP Modules 2 & 3 to be completed in 2019. • Sedgman will operate the CHPP when complete, high proportion of local employees. • MOD3 Toe works progressing. • MOD4 Rail EOI underway with construction due to commence late 2019. • Works commencing in Pit E and Pit F adjacent Kayuga Road, early 2019. • Additional properties in Racecourse Road granted mitigation/acquisition. • Bengalla Access Road repairs completed. • Rehabilitation Strategy meeting held with Muswellbrook Shire Council. <p>[TP] Racecourse Road, where is the actual location? [RB] Racecourse Road is the main road leading into the residential area surrounding the Muswellbrook Racecourse. [TP] What does it mean that some properties have been granted mitigation or acquisition? [RB] Explained mitigation and acquisition. [LB] When trains become operational, can we expect them within a week? [CL] Limit is nine trains per day. [RB] Trains can arrive 24/7. [JM] Is the Fines Emplacement Dam complete? [RB] First stage is now complete with two further stages to complete. [JM] Has rehabilitation commenced on the bank? [RB] The normal rehabilitation process will apply. As per their Contract, every Contractor must carry out rehabilitation to the area they have worked in. It hasn't worked well in this area due to the heat and drought, however, we will continue to re-seed and work on this area.</p>

<p>5. Applications & Approvals</p>	<p>Modification 3 – Mine Optimisation Modification</p> <ul style="list-style-type: none"> • Lodged with DPE on 31 May 2017. • Extend mine life to 2026 and improvement to final landform. • Determined by the IPC on 24 August. <p>Modification 4 – Rail Modification</p> <ul style="list-style-type: none"> • Lodged with DPE on 20 December 2017. • Duplicate rail spur/loop and Hunter River pump station/pipeline – removal of redundant infrastructure. • Determined by DPE on 16 November 2018. <p>State Significant Development Application</p> <ul style="list-style-type: none"> • Extend mine life beyond 2026. • Mine planning studies are underway. • Baseline studies have commenced (e.g. ecology and heritage). • EIS lodgment anticipated 2020. <p>[JM] What's the extended life for SSD? [CL] At least 20 years, we haven't made the decision what to apply for, there is a reason for taking the time for SSD, must be correct, and it is a critical decision for our company.</p>
<p>6. Land Management</p>	<ul style="list-style-type: none"> • Warrawee – Castlerock Road, Native seed Harvest – no harvest to date in 2018 due to recent climatic conditions – new Supplier, Diversity Seeds, Coonabarabran. • Prickly Acacia and Prickly Pear sprayed at Cropps and Woodburn on Dorset Road after October rain. • Wild Dog trapping conducted in association with Wybong Wild Dog Association and LLS. • “Negoa Homestead” – Historical Structural Engineers, Lindsay Dynan, Newcastle inspected homestead in December .2018 report received – under review. <p>[RU] Will anything be done about Negoa Homestead? [IW] Confirmed Negoa Homestead will need to be restored. [RU] Will Negoa Homestead be put back to historical state? [IW] Has a conservation act, this will have to take place and be restored. [IW] Lengthy report with recommendations. [JM] Why does it have to be done? Can it be left as it currently is? [CL] We could, however, MACH Energy would like to make a showpiece out of it. No obligation to do anything to Negoa Homestead. Based on engineer report we can bring it up to scratch over a couple of years.</p> <ul style="list-style-type: none"> • All Collins Lane properties owned by MACH Energy now vacated. Currently in discussions with MSC with regards demolition (stage I). <p>[TP] Rosebrook and Kayuga – is there still people living in that area? [IW] People to be vacated in 2019 due to bringing the mine forward. As they vacate we are not re renting properties again.</p> <ul style="list-style-type: none"> • Stage I and Stage II demolition contract awarded. Stage II commenced on 26th November. 2018. Stage I to commence in Q1 2019.

	<ul style="list-style-type: none"> Plan prepared for distribution of concrete tanks to strategic locations for RFS – once in place plan will be distributed to all local RFS captains. <p>[JM] Will concrete tanks have a fitting on them? [IW] Confirmed tanks have fittings.</p> <ul style="list-style-type: none"> 600 metres of new fence along Wilton’s Lane New cattle yards set up at Karrabah 600 metres on new fence commenced between Willow Downs and St Antoine, Cassilis Stage I of the Llangollen Shearing Shed restoration has been completed by Scott Witton. Stage II – site clean-up completed November 2018 – Stage III new guttering in 2019. New tanks and ancillary equipment purchased for Blackrock and St Antoine and installed. Three new stock & domestic bores approved, drilling contract awarded – drilling commenced at Cattle Creek Bore. Four kilometres of internal fencing between Clare Park and Gumridge Station completed. AMBS completed Stage II of MNES 2018 fauna monitoring - micro bats and mammals completed in October. <p>[JM] Fauna monitoring, microstudy and bats is that based here on site? [IW] Yes, confirmed on our offset properties.</p> <ul style="list-style-type: none"> Natural Native Pasture Re-Generation Programme at Gumridge Station continues – hampered by current climatic conditions. DnA Environmental carried out Spring Inspection – Report Received – if / when season breaks trial plots to be established within the 150ha. Two kilometres of new fence to be erected to cattle proof trial area. Completed fire trails re-establishment at St Antoine Completed boundary fence repairs between St Antoine and near neighbour on Cattle Creek, Cassilis. Preparing submission to Federal DEE to modify the Offset Management Plan (OMP) to allow aerial spraying of noxious weeds by helicopter in remote, steep areas of St Antoine – on a trial basis – sign off at November’s Offset Committee meeting – to be presented to DEE.
<p>7. Environment</p>	<ul style="list-style-type: none"> MACH Energy met with EPA to discuss air quality and dust management and proposed amendments to the EPL including relocation of monitor locations. MACH Energy and Thiess continue to meet weekly to discuss additional dust management strategies. MACH Energy is recruiting for Environmental team members and interviews are continuing hoping to have team established in the new year. Todoroski Air Sciences – Predictive model (Air Quality, Noise and blasting) data collection/setup continuing and predictive capability to commence in coming months. Focus on air quality and noise monitoring. <p>[JM] Is there an example of the last couple of weeks, where there has been delayed blasts because of environmental conditions? [PY] Yes this regularly occurs. Daily forecast conditions come in for the next 48 hours. Choose a time and day to favor blasting time. Systems occur, prior to initiation of other checks such as pre-blasting. If there is an issue, go</p>

	<p>through reporting process.</p> <p>[JM] Has there been an occasion where you could not blast due to conditions?</p> <p>[PY] Yes. Quite a lot wind speed, direction, detailed process that we follow.</p> <p>[JM] Is there a video of the blast? If fume is present?</p> <p>[PY] Confirmed yes, film each shot up to three minutes, use of GoPro cameras. Pit cameras, on some occasions drones are used.</p> <p>[TP] How many days would you've lost from dust?</p> <p>[PY] Dust delays – drought conditions 300ml rainfall. Upwards of 500 hours of down time year to date.</p> <p>[TP] That is a fair loss</p> <p>[PY] Not ideal, looking at different opportunities to minimize dust. Mount Pleasant Operation has the most restrictive license of dust in the Hunter Valley. Required to shut down at 44 µg/m3.</p> <p>[RB] Mount Pleasant Operation has shut down a significant number of times, we shut down before 44 µg/m3. Very pro-active and Thiess shutting operations down regularly when we are not required to.</p> <p>[TP] How does community understand how you operate managing dust? How do we inform the public of how you are operating?</p> <p>[LB] Where is the monitor on Wybong road?</p> <p>[DS] APF2 being relocated to 417 Wybong road on the flats.</p> <p>[AK] To include in presentation of all location of monitors.</p> <p>[JM] From Muswellbrook point of view, really concerned what they can see. As the site is so visual. With the north westerly winds when machinery is working and there is not much of a breeze, the dust just rises. Increasing concern. Will be good to have feedback of what you are monitoring.</p> <p>[TP] Community do not understand how an open cut works. Truth is it will get worse, would be good to provide information to the community how Mount Pleasant Operations work.</p> <p>[JM] Few months ago, when driving down Wybong road it was noticed Mount Pleasant operating, could easily see a digger working and a water truck assisting, satisfying for the public.</p>
<p>7. Community</p>	<ul style="list-style-type: none"> • A total of 110 community complaints have been received this year. • The December edition of the MACH Energy Newsletter was distributed to all 2333 mailboxes emailed and posted to various stakeholders and employees. A copy has been added to Documents on the MACH Energy website. • Good news stories in the December edition of @ The Coal Face. • Attended various near neighbour and Muswellbrook resident meetings. • GM and various operations staff attended the Muswellbrook Chamber of Commerce monthly meetings with the final meeting held on Tuesday 4th December. • Participated in the Annual Upper Hunter Mining Dialogue Forum. Two displays, Environment and Procurement. Strong interaction with local stakeholders on both displays. • Conducted two school tours to site as part of the Upper Hunter Mining Dialogue School Tour Program. Mount Pleasant was due to participate in 2019, however, Bengalla could not conduct the final two tours due to a recent site incident and we were asked to assist. • The final meeting of the ACDF was held on Wednesday 5th December 2018. • Commenced local AM/FM radio advertising, brand awareness, 24hr operation etc.

	<ul style="list-style-type: none"> • Sponsorship of the following community organisations – • St Heliers Heavy Horse Field Days • Merriwa Junior Rugby League • Merriwa Rugby League • Denman & District Cricket Club • Muswellbrook Men’s Shed • Muswellbrook High School Presentation Night • Muswellbrook Furies Santa Run • Hunter Young Business Mind Awards • Muswellbrook PCYC Christmas Appeal • Cassilis Rodeo • Muswellbrook Netball U13 Representative Team • Muswellbrook Amateur Theatrical Society • Muswellbrook Chamber of Commerce Business Awards <p>[TP] Does MACH Energy share complaints with other mine sites? [NB] Confirmed, we do not share details, however, the monthly complaint register is located on our website.</p> <p>[NB] Contact Muswellbrook Shire Council to advise when we cease operations.</p> <p>[TP] What does council do with the passed-on information? [NB] Sharing information with the community when they contact council to complain about mines and dust.</p> <p>[TP] How do we share with community? Facebook? Radio? [NB] Currently do not have social media, aware of the need for improved communication with community, instant news feeds would be idea and currently reviewing for next year.</p>
<p>9. General Business</p>	<p>DR request items relating to general business to be raised:</p> <ul style="list-style-type: none"> • Upper Hunter Mining Dialogue Presentation – James Barben, NSW Mining, Director Policy. • James thanked the CCC for the opportunity to present and also congratulated MACH Energy and the CCC for a well-run meeting. <p>[JM] Mines are quite confident of management practices are in place. Thinking your pamphlet would be positive. People live in the mining area, are concern that dust really is the issue. Must acknowledge and indicating to people working towards to improve.</p> <p>[LB] As a CCC member, been asked a few times with emplacement down by Wybong road will it be the same height as Bengalla?</p> <p>[RB] In current approval its less than Bengalla in the South, Going through process to understand Life of Mine Plan and this will determine the final level.</p> <p>[LB] Winds coming up the valley, we’ve have north westerly’s a lot. The amount of loose dust that is picked up, lot of comments that you are driving through the dust. Days when its high wind, does not look good.</p> <p>[RB] We are trialing of use of broader scale polymer on disturbed areas that won’t be used for a while or are less active. Spray a polymer over to get better sealing. Actively controlling areas to assist with that control. Hopefully this will be</p>

	<p>another stepping stone to mitigate, and if can improve over time we will.</p> <p>[JM] Main comment – just observation, driving home on Wybong road. The CHPP is truly lit up. Conversation among people that its bright.</p> <p>[RB] We are attempting to make sure lighting is shielded and directional, if lights location heading into Muswellbrook we will relocate. Feedback is appreciated.</p> <p>[JM] If driving back into town, come up to the crest, considerable gravel coming out from that area down to the edge. It is a hazard; can you please manage it?</p> <p>[AK] ACTION to have drains implemented.</p> <p>[TP] Bunds look completely different, Credit to MACH Energy and Thiess, improving every fortnight. Looks good and people are noticing.</p> <p>[CL] In MOD4 new text and conditions added, did work with natural looking landform. Change of the toe so it bends back and forth.</p> <p>[TT] I have been away on training for a while and coming back to learn just how much time the mine has been shut down due to dust is incredible. We should have the discussion about letting people know when you've shut down. SMS to community members to let them know? Give us the ability to support MACH Energy.</p> <p>We are all proud to be on this CCC, to get the mine to this stage is a monumental achievement, congratulations to all.</p> <p>[NB] Agreed and will send a text message to CCC when mine is shut due to dust.</p> <ul style="list-style-type: none"> • Thanks to David Ross for standing in as Chairperson for this meeting. • [DR] It has been lovely to work with a positive group of people. I can see what a great relationship you all have. If you don't know it already, you have a terrific CCC.
<p>10. Next Meeting</p>	<ul style="list-style-type: none"> • Thursday 14 March 2019 from 10:00am – 12:30pm. • Site tour for the 14th March 2019 • Meeting commences at 10.00am
<p>11. Close</p>	<p>Meeting closed at 12:10pm</p>

END OF RECORDS