


MACH ENERGY AUSTRALIA PTY LTD

Mount Pleasant Operation Record of Meeting – Community Consultative Committee

PARTICIPANT'S NAME		DATE	07 December 2017
Wej Paradise (Chair) (WP)	Philip Price (PP)	TIME START	1000HR
Llewellyn Bates (LB)	Klay Marchant (KM)	TIME FINISH	1200HR
Jonathon Moore (JM)	Peter York (PY)	LOCATION	MPO, Wybong Road
Tim Troon (TT)	Grace Haslam (Thiess)	RECORDER	Caitlin Robertson
Trevor Parkinson (TP)	Chris Lauritzen (CL)	DOC NO	
Rod Upton (RU)	Ian Webber (IW)	FILE LOC	
Rod Scholes (RS)	Caitlin Robertson (CR)		
Apologies from Tim Troon and Julie Fletcher		PROJ REF	
SIGNATURE ORIGINATOR		DATE SIGNED	
SIGNATURE OTHER PARTY		DATE SIGNED	

COPIES

RECORD OF DISCUSSIONS

ITEM	ITEM DETAILS	ACTION BY AND DATE
1.	Site tour 1000hr	
2.	Opening of Meeting <ul style="list-style-type: none"> • Emergency procedures • Apologies • Declaration of interests • Acceptance of previous minutes - accepted 	
3.	Actions arising from last meeting <ul style="list-style-type: none"> • PP provided an update about the surfacing of entrances to the mine and neighbouring properties along the Wybong Road upgrade. • A bigger chevron has now been installed on the intersection of the Bengalla Link and Wybong Roads. • KM discussed Mod 1 assessment of train level noises. MACH will run different scenarios and do further monitoring of train load out and washing at a later stage. • PP mentioned that two blasting notices have gone out to date. 	

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	<ul style="list-style-type: none"> • PP discussed how JF has the December/January newsletter in hand and will issue after Christmas and New Year Break. 	
4.	<p>Safety Moment</p> <ul style="list-style-type: none"> • PP shared that we've had a month recently where incidents have been increasing which has led to the stand down of contractors and a notice/requirement to improve their performance. 	
5.	<p>Project update</p> <ul style="list-style-type: none"> • PP provided update on construction with images and drone footage of progress covering: <ul style="list-style-type: none"> • MIA • ROM pad • Sedimentation Dams • ROM Wall and Feeder • Reclaim Tunnel • Loadout • CHPP CAD Design • MIA now has structures erected, being workshop, concrete aprons, main fuel storage, tire change bay and heavy vehicle wash bay. • On 12 December 2017 the Ausgrid power line to Scone over the initial mining area will be rerouted to its new alignment. • Sedimentation Dam 3 is under construction. • An update on the construction of the CHPP was provided with Reclaim Tunnel, ROM bin, reinforced earth wall and concrete works progressing well. This was facilitated with images from CAD design files to demonstrate how the final constructed facility would look. • JM asked who was providing the concrete for the reclaim tunnel. PP responded that it was being provided by Hanson's. • JM asked what the highest building is, will it be lit up all the time and what will Muswellbrook see. PP answered that the ROM bin will be the highest item in the CHPP and there will be downward facing lights on all the time. This is a requirement in the Landscape Management Plan. • PP presented the status of the Train Loadout Facility construction with the assistance of drone footage. The supporting frame is now up for the bin and the powerlines have been erected along the rail alignment. • PP explained how the quality has to be carefully blended. JM asked where the testing for the quality of the coal happens. PP explained that we will be using local laboratories as we currently have been doing with the exploration drilling samples. • JM asked if sampling is easy or scientific. Two sampling/quality control methods will be used which are online analysers and cross belt samples. The cross belt samplers will take a cut from the coal flow on the belt, which is then crushed into smaller sample. The samples will be taken to a certified laboratory in Muswellbrook for analysis. • RS and LB had a question about the placement of coarse reject. PP answered that it will be co-disposed in the waste dump once the CHPP commences washing coal. • PP said there were a few questions at the last meeting about the site water pipelines lines so he presented a simple site overview image. JM asked about the water fill point and PP identified it and explained where it was in relation to the first two blast. • RS asked about the hiding the visual impact of the mining operations in the pit and the rising of the visual bund, is the bund up high enough? PY answered that they are sympathetic to residents and have spent hours looking into the impacts (visual and environmental) of the bund. The intent is to raise the visual bund to a sufficient height and geometry to match the exhaust point on the haul trucks. RS suggested council might like to know that too. 	

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- LB asked how we are going to distinguish between our noise and Bengalla's. KM answered that the noise monitoring equipment is directional and can work out where the noise is coming from.
- PP said that the CHPP has design requirements to limit noise to 85 db and that we have plans to keep levels lower. There will be monitoring tests performed on a quarterly basis.
- WP asked where we are planning on selling the coal. PP answered that MACH will be selling into both the overseas and domestic markets.
- WP asked when the first shipment will be ready. PP answered quarter 2 in 2018 is the target.
- PP confirmed that Wybong Road is open and KM explained that rehabilitation for the road will commence before Christmas. JM was very impressed with the road. He noted that the dozer is very quiet and asked if it's a new technology. JM remarked that it's a smart road and thinks everyone will be pleased, that it's come up really well and that rehab shape is good.
- **ACTION:** PY to do a presentation on the dump sequencing at the next meeting. Mick and Peter to present at the next CCC.

6. Land Management

- PP explained that Cumberland Seeds continue to prepare Warrawee, Castlerock Road for the 2018 seed harvest and weed management.
- JM said that cattle has been on the road coming from Hamilton's. He's been pushing them up the road, but the fence needs to be fixed. IW said that the cattle are currently walking a long distance to get water. JM mentioned the cattle getting out at the Bengalla CCC. IW explained that they're coming from a near neighbour and that he put them back in that morning. There has been an approval for replacement of roadside boundary fence on Roxburgh Road.
- Continued engagement with Licensees, Neighbours, Local Land Services and Upper Hunter Weeds Authority.
- Boxthorn spraying commenced on Broomfield and Warrawoona.
- Approved the commencement of kangaroo and pig cull – Enright Land Management (Craig Crooks) and Taylor Nichols.
- MACH has completed refurbishment of Lawlerville Homestead, Gumridge.
- R & M Management, Merriwa to commence management of residential properties in 2018 as more come on line. New tenants have moved into Brigadoon Homestead, still some work to be completed by Scott Whitten Builder, Cassilis.
- Property inspections scheduled for December, 2017 with Ivan Pillay UHWA.
- Attended LLS National Carp Control Meeting on 5th December, 2017.
- New dam approved on Warrawoona to allow greater flexibility in strategic grazing.
- IW explained that the Quarterly Agricultural Audit was completed by RE Management in November 2017. IW commented on the checks and balances in the process and that he gets out there once a week to check in with neighbours.
- WP asked if that material goes onto the website. IW confirmed that it does. CL further commented that it's private but can be accessed by authorised people on the portal. He explained that the Offsets Management Committee all have access and that it's used as a sounding board with stakeholders. CL offered to arrange access for the CCC committee if they want it.
- Fire Management Plan completed and distributed in September 2017.
- Re-established fire trails at Blackrock, Brigadoon and Clare Park.
- Commenced 2018 Paddock Conversion requirements discussions with Cumberland Seeds, Landmark Townsend, Merriwa and Licensee.
- Contracts let for new fencing projects, in particular new boundary fences with near neighbours.
- IW further commented that he'd been speaking to National Parks to eradicate the kangaroos and pigs and that you don't need a permit for pigs. Taylor Nichols is a commercial shooter IW has been speaking to. We can cull male roos under legislation and we have a permit for 150. RU questioned the number of the permit and asked if they have to be tagged. IW confirmed that they do. JM wanted to clarify that the area has always had kangaroos but never like they've

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had the last couple of years. An enormous frustration is the pigs (over the past 5-6 years) and they put it down to Mangoola. Now he has pigs right across his property. JM has traps but noted that they're time consuming and frustrating. Rooting is a big problem. RU commented that they come into town looking for water and food.

- **ACTION:** IW to follow up on cattle getting out and the effectiveness of the fence.

7. Environment and Approvals

- KM explained that operator attended noise monitoring conducted during day period in September and November 2017, at six representative monitoring locations. Monitoring was conducted during the day, evening and night periods at each monitoring location. Monitoring was carried out over three consecutive days. Noise levels from Mount Pleasant Operation complied with all criteria at each monitoring location during the Quarter 3 and 4 2017 monitoring period.
- JM made the observation that there was more noise this morning than usual (machinery noise). PP explained that there was a temperature inversion this morning. KM commented that we start up at 7am. JM commented that the noise went for about 30 mins. IW commented that there were a lot of trucks in front of JM property this morning.
- KM explained that real time dust monitoring continued during September and October.
- The only day MACH approached 50ug/m3 was 5 September 2017 and this was a regional event. If the EPA's monitoring point at Muswellbrook exceeds 44ug/m3 on a rolling 24 hr average we are required to cease dust generating activities and we did for the day. The levels were over at 7am due to a regional event.
- Most days we are measuring 20-25ug/m3 which is normal. KM noted that the EPA have requested data for 5 September 2017.
- Blasting commenced 1 December 2017. Results have been within compliance limits and 6 Blast Monitors have now been installed.
- Environmental Management Strategy – approved September 2017
- Waste Management Plan – approved September 2017
- Landscape Management Plan – January - February 2018
- Bushfire Management Plan – January 2018 (fieldwork complete)
- Biodiversity and Rehabilitation Strategy – January – February 2018

8. Independent Environmental Audit

- KM explained that for the last 6 weeks MACH have been preparing for the first audit of Mount Pleasant – this audit is scheduled to occur every 3 years and is a compliance requirement – (Condition 9, Schedule 5 of DA92/97).
- ERM endorsed as Auditor and will be conducting it in December 2017.
- Audit Scope – Asses level of compliance and environmental performance of MPO against Consent, EPL 20850, Management Plans, EMS and Monitoring Program.
- Audit team, where appropriate, will develop recommendations to address findings. Recommendations become Audit actions for MPO to address.
- KM commented that we were 97% compliant with conditions. The audit report will be available to the public in 2018.
- Incident occurred on 31 October 2017 when a pump was left running overnight. MACH Energy self-reported to EPA and the incident is current under investigation and review.
- JM asked if there are electronic devices to indicate that. KM confirmed that there are but not in place in this instance. MACH reviewed its procedures and installed devices on pumps following the incident. RU asked if the person who did it still working here? PP answered that we aren't aware who did it from the investigation. KM commented that we took immediate action and reported it.
- PP commented that a water model has been developed to manage levels during construction. MACH can simulate conditions and do regular reviews to indicate where to move water to.

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9. Modification 4

- CL provided an update on Modification 4 and construction options for rail.
- MACH have designed an alternative rail option, submitted application and assessment is pending. We have selected an option to bring the rail up Wybong road which has been optimised to reduce the amount of cut required. Wybong road will remain open with this option.
- There is currently a water pipe and power line on the path the option and we will need to move those. Environmental studies are underway. It doesn't interfere with Bengalla's mining plans.
- RU commented that there's a steep incline to get onto Wybong road. CL commented that there may be bridge components. The rail line will climb approaching Wybong Rd and cross over to the other side. The design is to ARTC standards and meets all constraints.
- JM asked what Muswellbrook will see. CL answered nothing much, it's all cut. We will do visual representations to enhance visualisation. LB asked if lights from the locomotives will be visible. CL commented that a series of lighting studies will be required in order to design shielding for the lights.
- Key issues will be the additional acquisition trigger, flood control and provision to for an Eastern road link. We've designed for various options that council has been provided with.
- Feedback from landowners was that they'd like more consultation for MOD 4 than they had for MOD 3.
- JM asked about realignment of the train loading facility. CL commented that a transfer station tower will need to be installed along with a new train loadout bin.
- JM asked if the Bengalla dam needs to be removed. CL answered no, it stays in place.
- JM and LB commented that this is a great option and big win for us.
- CL also explained that the EA, project description and all studies have been done e.g. cultural heritage.

10. Community

- PP provided a Community update.
- 15 points of contact made with MPO since our 7 September meeting, including seven community complaints.
- ACDF committee members are one step closer to kick-starting the Dental Voucher Trial after a very positive meeting with a Dentist recently.
- Community sponsorship provided to Aberdeen Care Package Cadets; PCYC Muswellbrook Xmas Appeal; Lions Club of Muswellbrook; Muswellbrook High School's Presentation Evening and Denman Public School's Presentation Evening.
- Next community newsletter due to be printed in early 2018.
- GM – Operations, Phil Price provided a lesson in mining to the youngsters at the Goodstart Early Learning in Muswellbrook recently.
- Voluntary Planning Agreement meetings held with Muswellbrook Shire Council.
- Pop-up store held in Muswellbrook Market in November and December (two days); opportunity to gain feedback from the community in relation to the Operation. Most enquires have been around seeking jobs on the site, which we have been referring to the contractors who are working on site.
- JM suggested that we engage with Year 10-12 students regarding their subject selection and what a career in mining looks like. PP responded that we're looking at getting the right people on board first as experienced hires, then we'll look at a trainee programs.
- JM asked if we are planning on making contact with the schools. PY answered that Thiess are developing a Community Action Plan for 2018 and how to target younger community team members and youth unemployment.

11. General Business

12. Close

**NEXT MEETING: WEDNESDAY 7 MARCH 2017 – 1000HR AT MOUNT PLEASANT OPERATION
END OF RECORDS**