

BULGA COAL

GLENCORE

Community Consultative Committee Meeting

28th October 2015

Bulga Coal Administration Meeting Room

Present	Community representatives	Stewart Mitchell (SM)
		John Krey (JK)
		Helen Sharrock (HS)
		Terry Everett (TE)
Chairperson	Singleton Council	Godfrey Adamthwaite (GA)
	Bulga Coal	Ralph Northey (RN)
		Teegan Hayward (TH)
	Bulga Underground	Peter Ostermann (PO)
		Ned Stephenson (NS)
		Marty Salm (MS)
	Bulga Open Cut	Geoff Kelly (GK)
		Scott Wolfenden (SW)
		Keith Simkin (KS)
	Bulga Optimisation Project	Aaron Worley (AW)
		Tim Walls (TW)
	Department of Planning (DPE)	Scott Brooks (SB)
Apologies	Department of Trade & Investment, Resources & Energy (DRE)	Monique Meyer

Meeting opened: 9.05am.

The meeting commenced with a bus tour of the Broke Road realignment; noise and visual bund and longwall 7 visual amenity.

Meeting closed: 12.30pm.

Declaration of pecuniary interest: None.

Confirmation of the minutes

The minutes from the previous meeting were moved by SM and seconded by JK as true and correct.

Actions from the minutes 27/05/2015

Item 1 *Bulga Coal to again contact MSB to reiterate community concerns about the delay in permanent repairs to Charlton Road.*

The delay caused by change in management and the ICAC investigation. The tender package went out last week to contractors. NS will send an update to the CCC when he has more information. **ACTION**

Item 2 *Send a letter to the community regarding the exploration hole / groundwater monitoring.*

The exploration hole on Putty Road has been delayed. Bulga Coal will send out a letter to the community prior to the works commencing.

Item 3 *Call Brian Medhurst and clarify annual payment as per the agreement.* Bulga Coal will continue to pay Brian Medhurst as per the agreement.

Item 4 *Check the quality of diesel used onsite. Compare with other products. Also check the use in blasting.* Bulga Open Cut uses quality diesel on site and the same diesel as we put in our trucks. RN: we are investigating potential use of filtered waste oil in our explosives, however we have raised concerns about generating fume. GK: The waste oil is filtered and processed to remove contaminants and is a good opportunity to recycle waste oil. SB noted a number of mines currently use it and he hadn't observed fume due to waste oil.

SM Clarified that his question was about whether our site uses IOR (Inland Oil Refinery) who have a low grade oil. **ACTION:** RN to confirm with the Maintenance Manager and report back at the next meeting.

1. Bulga Optimisation Project

AW: Asked if there were any further questions or concerns about the Bulga Optimisation Project infrastructure from the bus tour?

JK: Asked about the final landform of the noise and visual bund. JK referred to visual landscaping workshop held as part of the focus groups for the Bulga Optimisation Project. JK noted the current landform is not what they were anticipating and that the northern area looks like a massive plateau with no variations. RN: as part of our approval we have to install micro relief and as yet nothing is up to 165RL.

RN: we will produce more detailed figures and get back to the committee. **ACTION**

RN: We have a commitment in the Visual Impact Management Plan to form a noise and visual bund consultation committee, RN to send an invite to CCC members to participate.

2. Bulga Open Cut

- RN Gave an overview of incidents and complaints at the Bulga Open Cut. No major incidents and 27 complaints (majority noise - 11 and lighting - 13).
- RN We are increasing awareness of operators and supervisors on sensitive lighting locations in the community, this will become especially important as we move further south with new sensitive neighbours.
- RN: Noted that from a noise perspective we are now more exposed in the Broke community. We are adding a monitor in Blaxland Street to help manage our noise impacts.
- SM: Asked about the 3 air quality complaints. SW explained these complaints were during strong winds and hot conditions.

3. Bulga Underground

- NS Showed the Blakefield South mine layout, we have completed longwall 5 and we are commencing longwall 7 in November.
- NS Noted that longwalls 7 and 8 have been shortened. There will be no mining under public infrastructure.
- NS Gave an overview of gas drainage for longwall 7 which includes 6 new goaf wells and a pipeline back to the goaf plant and flares. Three well sites already exist in the area of longwall 7, another 5 are currently being constructed. Two of these are on commonwealth land. The pipeline will connect all new wells back to the goaf drainage plant which allows us to mine safely.
- NS Gave an overview of undermining the Vere cliffs during longwalls 7 and 8. The majority of the cliffs sit over the chain pillars and there will be very little impact. If there is any impact, it will mimic natural weathering. Exclusion zones on the Commonwealth land will be established and we will monitor the area. There is no public access to the Vere cliffs. Longwall 7 will also undermine the pinnacles on private land. These have been undermined before with South Bulga. A monitoring plan has been established with the landholders. Minimal impacts are expected to occur.
- NS Outlined incidents and complaints: minor incidents and no complaints.
- JK Where do you bury oil from spills? NS: it's taken to the Open Cut bioremediation area.

4. Loders Creek Grinding Grooves Presentation

TW Showed the committee a presentation on the relocation of the Loders Creek Grinding Grooves.

5. General Business

SM Asked about a product we were using for dust suppression. Now we are using water on haul roads. Why are we no longer using the product?

RN Noted the dust suppression product was of more benefit during dry times, we are now surplus in water. We still use dust suppressants around workshops and high traffic areas. We have also undertaken trials on a number of different products to measure their effectiveness and there was no measurable benefits on the haul roads. Dust from haul roads comes back to road maintenance and effective use of water carts. We also use specific material in our main haul roads. We are trialling other dust management methods including irrigating blasted spoil prior to digging and water sprays on the dig face.

SM Asked how the power station is performing. PO: it produces around 3MW per week, up to 6MW. There is an issue with one of the engines and low availability. It doesn't cover our consumption. SM: Are you are still flaring pre-drainage gas?

NS: Yes we still run pre-drainage gas through the power station and any surplus is flared.

SM Mentioned at the last CCC meeting he asked Monique Meyer from DRE about bonds covering rehabilitation costs. He noted a recent report that says the cost to rehabilitate is 3-10 times more than the bond that is held.

RN Glencore has created their own calculator so that as a business we won't be left without funds. It is higher than DRE calculation and it is a rigorous, responsible approach. The calculation is reviewed every year. It was noted a purchaser would have to take on that liability as it is attached to the mining lease.

HS Asked about plans for the area when mining is finished and what will be the future use of the void for the community. RN: We don't have a full resolution for the final void and final land use yet. HS noted there should be some discussions about this issue now. GA said there has been general discussions at council around final voids. RN noted it is predicted that the Bulga final void will take 500 years for the void to fill to the point where it would potentially spill.

JK What is area and depth of the void? TW: 350m deep and 700 ha.

SM How much groundwater will flow into the final void?

RN Said there would be minimal inflow from groundwater into the final void from 350m depth, the ground has a low permeability. The water that will end up in the void will be quite similar in quality to the current water quality which has a pH of around 9, although it will concentrate and we will need to look at salinity. Groundwater is a minor component of water into the void, it will be mainly surface water.

SB The new consent issued in December for the Open Cut can trigger a review of the CCC. The 2007 Planning guidelines say we should have an independent chair. Planning doesn't always apply the guidelines when what we have is working well. SB asked the CCC if they are happy with the current arrangement or would they like an independent chairperson as per the Department of Planning Guidelines.

JK Noted that an independent chair runs an efficient meeting which can sometimes curtail proper discussion. He was strongly against having an independent chair and said the council representative works well.

HS, TE and SM agreed to keep the current format of the CCC. It was noted that the CCC agreed to continue operating in its current format. **RESOLUTION**

SB Reviewed and approved the Visual Impact Management Plan recently. He noted that modifying a plan is much easier than modifying the consent. If the issue raised today about the top of the dump results in minor modifications and fits within the Environmental Assessment and the DA, then there is scope to amend the Visual Impact Management Plan if agreement between all parties.

SB Noted he will cease employment with DPE on the 18 December. RN: Thanked SB for his constructive and enthusiastic management of his portfolio.

JK Asked about the new industrial noise management guideline out for review. Has Glencore reviewed it and can we see it?

SW The guideline is being reviewed at a group level and a submission will be made via Minerals Council.

JK Does the guideline refer only to new or existing mines? SB to get back to JK
ACTION

JK Asked for an update on VPA.

TH The town planners are designing village master plans for Broke and Bulga. The plans were due to Council at the end of October. Once Lindy has reviewed them, she'll call a meeting to present the draft plans.

SM Can you generate a view of the final landform? There was a general discussion about how we are communicating our plans. There was a discussion about adding

15m to the northern corner to see what it looks like to the naked eye from a sensitive location in Bulga.

Actions arising from the meeting

Item	Raised by	Action	Responsibility	Item No.
1	NS	Send an update to the CCC on the permanent repairs to Charlton Road	NS	Actions from the minutes 29/10/15
2	SM	Confirm whether we use fuel from Inland Oil Refinery (IOR)	RN	Actions from the minutes 29/10/15
3	JK	Produce detailed figures on the final landform for the committee	RN	Bulga Optimisation Project
4	JK	Confirm whether the new industrial noise policy refers only to new or existing mines. COMPLETED 24/11	SB	General Business
Item	Raised by	Resolution		Item No.
1	SB	The CCC agreed to continue operating in its current format rather than adopt Department of Planning Guidelines	TE, HS, SM, JK, GA	General Business

Next meeting: Wednesday 4th May, 2016 in the Bulga Coal Administration Room