



## Invincible Colliery and Cullen Valley Mine - CCC Meeting Minutes

<b>Meeting Title</b>	Community Consultation Committee Meeting					
<b>Project</b>	Invincible Colliery and Cullen Valley Mine					
<b>Date</b>	12 December 2018, 11 am – 12:00 pm					
<b>Location</b>	Invincible Colliery – Castlereagh Highway, Cullen Bullen					
<b>Attendees</b>	<b>Name</b>	<b>Initial</b>	<b>Present</b>	<b>Name</b>	<b>Initial</b>	<b>Present</b>
<b>Chairperson</b>	Greg Barton (facilitator)	GBa	Y	Ray Blackley (CCC Member)	RB	Y
	Brett Moore (Castlereagh Coal)	BM	Y	Barry Fitzgerald (CCC Member)	BF	Y
	Graham Goodwin (Castlereagh Coal)	GG	Y	Michael Bulkeley (CCC Member)	MB	Y
	Luke Bettridge (Umwelt)	LB	Y			
	Stephen Leslie (Lithgow Council)	SL	Y			
	Reg Larkin (CCC Member)	RL	Y			
<b>Apologies</b>	Cullen Bullen Public School Representative	N/A	N			
	Fern-Alice Finn (CCC Member – Lithgow Council)	FA	N			
	Barbara Milne (CCC Member)	BM	N			

<b>Item / Initial</b>	<b>Description</b>
<b>1. Open (11.00am)</b>	
GBa	Apologies
GBa	Declarations of pecuniary or other interests - None
GBa	Previous minutes acknowledged and accepted by CCC members
GBa	No correspondence received / sent

Item / Initial	Description
<b>2. Invincible Southern Extension Project</b>	
LB	<p>Provided an overview on the status of the Invincible Colliery Southern Extension Project noting that the project has been approved by the Department of Planning and Environment (DPE) on 5 February 2018. Since the receipt of the Project Approval, Shoalhaven Coal has undertaken a range of works in preparation for recommencement of mining operations.</p> <p>A range of management plans required to be prepared by the Project Approval have been submitted to stakeholders for review and comment. Shoalhaven Coal is to provide further information to CCC regarding proposed date for recommencement of mining during 2019. LB discussed the range of management plans required to be prepared and the current status of consultation undertaken.</p>
<b>3. Environmental Performance –Invincible Colliery and Cullen Valley Mine</b>	
LB	<p>Provided an overview of the environmental performance of Cullen Valley Mine (CVM) and Invincible Colliery (Invincible) during 2018.</p> <p><b>Invincible</b> - site activities focussed on continuation of site water management and maintenance activities such as weed spraying. Ongoing environmental monitoring included ecological monitoring (December 2018) and monitoring of dust and water quality. There were two occasions during 2018 where the High Volume Air Sampler had not recorded samples due to power outages during January and May 2018 – depositional dust monitored had continued during these periods. There have been no community complaints received during 2018 for Invincible. Department of Planning and Environment (DPE) and Resources Regulator undertook annual site inspection during August 2018 and there were no items required to be addressed by Shoalhaven Coal as a result of the inspection.</p>

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LB	<p><b>CVM</b> – On ground works included weed management and subsurface heating management.</p> <p>There have been three subsurface heating related complaints received by CVM during 2018. Complaints have been received during February, May and September 2018. Management of subsurface heating continues to be undertaken in accordance with the approved CVM MOP. The status of the subsurface heating is to be reported in the CVM Annual Review (March 2019).</p> <p>During March 2018, Shoalhaven Coal received a very small amount of VENM/ENM to assist with rehabilitation works on site. The VENM/ENM was received at CVM in accordance with an approved Mining Operations Plan (MOP) however receipt of VENM/ENM has been ceased at the request of DPE. Shoalhaven Coal has continued to consult with DPE regarding the environmental assessment/approval requirements to enable the receipt of material at CVM.</p> <p>BM noted during the meeting that Shoalhaven Coal were seeking to receive VENM / ENM at CVM to facilitate the continued progression of rehabilitation on the site and that Shoalhaven Coal would continue to consult with DPE regarding approval requirements to receive the material.</p> <p>BF / RL – noted that rehabilitation needs to be progressed at CVM with BM noting that the receipt of VENM / ENM was a key activity Shoalhaven Coal were seeking to undertake in this regard. CCC members at the meeting were supportive of Shoalhaven Coal's attempts to receive VENM / ENM for continued rehabilitation of the site and requested Shoalhaven Coal advise the CCC members of the outcome of consultation with DPE regarding the ability for CVM to receive VENM / ENM for rehabilitation purposes.</p> <p><b>Action:</b> Brett Moore (Shoalhaven Coal) to notify CCC members of the outcome of consultation with DPE regarding CVM receipt of VENM / ENM.</p>
<b>4. Rehabilitation / Land Management Status – CVM and Invincible Colliery</b>	
LB	<p>The status of land management works was discussed with GG noting that weed spraying occurred during November 2018. CCC members discussed the frequency of weed spraying with weed spraying noted by GG as occurring annually and as required during other occasions throughout the year.</p> <p>CCC members raised the current aesthetics of the land management at a Shoalhaven Coal tenanted property in Cullen Bullen. GG to arrange an inspection of the property.</p>
<b>5. Draft Invincible Colliery Rehabilitation and Land Management Plan</b>	
LB	<p>LB discussed the Draft Invincible Colliery Rehabilitation Management Plan (October 2018 to December 2024) (November 2018) which was prepared for the Invincible Colliery Project Approval in accordance with Schedule 3, Condition 52 of Project Approval (07_0127 MOD 5). A copy of the Draft Management Plan was provided to CCC members prior to the meeting.</p>

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	<p>LB noted that Shoalhaven Coal were seeking to utilise the CCC meeting as the mechanism for CCC members to provide comment on the draft plan to meet the requirements to consult with the CCC in the preparation of the plan, as required by the Project Approval. LB provided an overview of the plan to the CCC members who provided the following comments.</p> <p>RL – Discussed the height of the final landform, specifically the Southern Extension Area at the end of the mine life.</p> <p>LB noted that the final landform which had been prepared was consistent with the EIS and the Project Approval and had been designed to be free draining as required by the Project Approval.</p> <p>RL – Discussed the extent of rehabilitation which was required to be undertaken in the later stages of the mine life.</p> <p>LB explained the rehabilitation progression as shown on Plans 3A – 3G of the draft Rehabilitation Plan and the Final Rehabilitation and Post Mining Land Use as shown on Plan 4 of the Draft Rehabilitation Plan noting that the rehabilitation at the Northern extent of Invincible Colliery was to be completed at the end of the mine life to enable use of the area for water management purposes. LB noted that progression of rehabilitation and noted that status of rehabilitation against agree mine plans would be shown in Annual Review each year and would be presented to CCC members.</p> <p>LB requested whether the Draft Invincible Colliery Rehabilitation Management Plan was able to be submitted to regulatory authorities or whether there were any further comments which needed to be addressed.</p> <p>CCC Members confirmed the Draft Invincible Colliery Rehabilitation Management Plan was appropriate for submission to regulatory authorities.</p>
<b>6. General Business</b>	
GB / LB	Discussed timing for the next CCC meeting and it was agreed that June December 2019 was an appropriate time for the next CCC meeting. LB to arrange meeting date in June 2019 and arrange for CCC members to be advised of proposed date for recommencement of mining operations if this occurs prior to next CCC meeting.
GBa	Meeting closed at 12 pm



Signed: Greg Barton (Chairperson)

Date: 18 December 2018