

## 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>	2 December 2020, 11 am – 12:10 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	Barry Fitzgerald (CCC Member)	BF	Y
	Brett Moore (Castlereagh Coal)	BM	Y	Michael Bulkeley (CCC Member)	MB	Y
	Graham Goodwin (Castlereagh Coal)	GG	Y	Barbara Milne (CCC Member)	BM	Y
	Luke Bettridge (Umwelt)	LB	Y	Lauren Stevens (CCC Member – Lithgow Council)	LS	Y
	Clr Ray Thompson (Lithgow Council)	RT	Y			
	Reg Larkin (CCC Member)	RL	Y			
<b>Apologies</b>	Cullen Bullen Public School Representative	N/A	N			
	Ray Blackley (CCC Member)	RB	N			

Item / Initial	Description
<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. Consistent with the previous CCC meeting, 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.</p> <p>BM noted that Shoalhaven Coal were still working towards mining at Invincible Colliery however there were a range of works to be undertaken to enable mining to occur and subsequently a program for the commencement of mining could not be confirmed.</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 2020.</p> <p><b>Shoalhaven Coal Land Management</b> – Shoalhaven Coal have recently issued a notice to the existing tenant of a Shoalhaven Coal owned property in Cullen Bullen to vacate the property. This action follows a number of attempts to undertake a clean up of the property with the requests dating back to November 2019.</p> <p><b>Invincible</b> - site activities focussed on continuation of site water management and maintenance activities such as weed spraying. Ongoing environmental monitoring includes ecological monitoring (proposed December 2020) and monitoring of dust and water quality.</p>
LB	<p><b>CVM</b> – On ground works included weed management and subsurface heating management as well as environmental monitoring including air, noise and water quality monitoring.</p> <p>LB noted that there have been two subsurface heating related complaints received by CVM during 2020. Complaints have been received during February and June 2020.</p> <p>LB discussed that during 2020 a revised CVM Mining Operations Plan (MOP) has been prepared in response to a Section 240 notice issued to Shoalhaven Coal under the Mining Act 1992. A revised rehabilitation cost estimate was also prepared to support the revised MOP.</p> <p>Works undertaken by Shoalhaven Coal in 2020 included engaging an independent consultant with extensive subsurface heating experience to review the current management measures being utilised to manage subsurface heating and also consider alternate measures which could be utilised at CVM. There was then general discussion from CCC members regarding the presence of heating in emplaced overburden material and the underground workings. LB noted that the outcomes of the subsurface heating review have been incorporated into a revised CVM MOP which has been submitted to NSW RR for review. LB noted that there a range of works proposed to be undertaken as detailed in the revised CVM MOP, which would assist in further refining both management controls and also inform potential options to extinguish heating.</p> <p>The status of the subsurface heating is to be reported in the CVM Annual Review (March 2021) with a survey of the extent of the subsurface heating areas to be undertaken as part of ecological monitoring to be undertaken at CVM in December 2020.</p>

Item / Initial	Description
	<p>RL – noted that it appeared that the extent of subsurface heating may have increased at the northern end of the site and LB confirmed that the extent of the subsurface heating would be mapped as part of the December 2020 mapping. The extent of heating areas was then to be reported in the Annual Review due to be completed March 2021.</p> <p>LB also noted that the revised CVM MOP also included areas where Shoalhaven Coal proposed to undertake on ground rehabilitation works during 2021. The proposed rehabilitation focusses on shaped areas on site adjacent to existing rehabilitation.</p>
<b>4. Rehabilitation / Land Management Status – CVM and Invincible Colliery</b>	
LB	CCC members discussed weed management with GG stating it occurs annually and is proposed for December 2020. CCC members noted Shoalhaven’s proactiveness in regard to weed management.
<b>5. General Business</b>	
GB / LB	Discussed timing for the next CCC meeting and it was agreed that December 2021 was an appropriate time for the next CCC meeting given the care and maintenance status of the operations, unless there was a change in the status of the operations at which time a CCC meeting could be called. LB to arrange meeting date in December 2021 and arrange for CCC members to be advised of proposed date.
GBa	Meeting closed at 12:10 pm

Signed: Greg Barton (Chairperson)



Date: 9 December 2020