



Invincible Colliery and Cullen Valley Mine - CCC Meeting Minutes

Meeting Title	Community Consultation Committee Meeting					
Project	Castlereagh Coal (CC) Cullen Valley Mine (CVM) and Invincible Mine (INV)					
Date	15 th March 2022, 10 am – 11:25 am					
Location	Invincible Colliery – Castlereagh Highway, Cullen Bullen					
Attendees	Name	Initial	Present			
Chairperson	Greg Barton (facilitator)	GB	Online			
	(SSG Environmental)	SSG	Y			
	Ray Blackley (CCC Member)	RB	Y			
	Lauren Stevens (CCC Member – Lithgow Council LCC)	LS	Y			
	Jess Evans (DPE)	JE	Online			
	Michael Bulkley (CCC Member)	MC	Y			
	Barry Fitzgerald (CCC Member)	BF	Y			
	Steven Gurney (Delta)	SG	Y			
	Reg Larkin (CCC Member)	RL	Y			
	Maree Stathem (Mayor LCC)	MS	Y			
	Kyle Egan (Manager CC)	KE	Y			
	Almudena Bryce (Enviro Manager CC)	AB	Y			
Apologies	Cullen Bullen Public School Representative	N/A	N			

Item / Initial	Description
1. Open (10.00am)	
GB	Apologies
GB	Declarations of pecuniary or other interests – AB Councilor at LCC
GB	Previous minutes noted.
GB	No correspondence received / sent
KB	<p>Presentation (following topics covered)</p> <ul style="list-style-type: none"> • CVM DA0200—2003 (RL requested a copy of the DA) • CVM Planned Operations • CVM Approved disturbance area, target remnant mining area • CVM Pre mining requirements • INV PA-07-0127 • INV Planned operations and southern extension • INV Pre mining requirements • Recent Stakeholder Consultation • Complaints and Section 240 notices • CVM Mine Heating plan of works <p>Presentation attached to minutes</p>

Item / Initial	Description
2. General Business	
RL	<p>Enquired as to the haulage of coal from CVM to destinations other than Mt Piper. KB referred to CVM approvals and referenced presentation materials. AB agreed to forward copy of CVM DA approvals to RL and others.</p> <p>Asked when operation will recommence. BF response Q2, based upon 450k tonnes extraction, with approx. 210K tonnes to be delivered to Delta , with the remaining tonnes to be delivered to EA</p>
MS	<p>Asked whether other suppliers could supply the Powerhouses. SG stated that Delta were looking at other sources due to reduced services from current suppliers</p>
BK	<p>Recommended CCC to resume meeting twice per a year with special / extraordinary meetings and other forms of consultation to be held if and when required, all attendees agreed to this schedule.</p>
KE	<p>There will be community engagement prior to commencing coaling</p>
BF	<p>Wanted assurance that the haul road would be used, trucks will not carry sediment out of the mine. Trucks are to be monitored at stop sign to ensure that the trucks are stopping.</p> <p>KE stated that the road will be tarred up to truck loading area, and cameras will be installed at front gate, to ensure trucks are stopping. Haulage contract and drivers will be closely managed for compliance.</p> <p>BF also thanked Castlereagh Coal for quickly addressing a complaint made regarding odour issues at CVM.</p>
KE	<p>Ensured the members that there will be no blasting at CVM, which is good for the community.</p>
KB	<p>CC had legacy issues to address, including the CVM Heating area.</p> <p>KE went into details of the heating area irrigation project. Neighbours will be consulted when project starts, and arrangements can be made for the CCC to view the site in consultation with KE/AB.</p> <p>RL wished to view the area once the project is started</p>
RB	<p>Asked about truck wash at CVM, to avoid sediment on the Castlereagh HWY.</p> <p>BK informed that there was no requirement for truck washing, but all trucks had to have loads covered</p> <p>The tarring up to truck loading area will significantly reduce sediment carried off site by trucks.</p>
BF	<p>Asked about noise from truck loading times and requested that this needed to be monitored around approved consent times. KB Confirmed operating hours are 7.00am – 5.30pm Monday – Friday, 7.00am – 5.00pm Saturdays, no haulage Sundays or Public Holidays consistent with DA Conditions and CVM Mgt Plan.</p>



SG	Talked on Delta's historical relationship with CVM/INV. Good opportunity for another reliable source of coal.
MS	Asked whether CC has investigated the use of trains, as a form of reducing transport cost, and truck movements on the road. Informed that a complete review of all options is being looked at during 2022. MS stated her support for the efforts to reopen operations and the benefits that brings.
GB	Asked about having quarterly meeting, however it was agreed by the CCC, to have meetings twice a year. Next meeting in September 2022, with special / extraordinary meetings or other forms of consultation to be held if, and when required.

Item / Initial	Description
AB	Actions <ul style="list-style-type: none">• RL to be emailed CVM DA• RB and BF to have a copy of CVM DA dropped off in their letterboxes.
GB	Meeting closed at 11:25am



Signed: Greg Barton (Chairperson)

Date: 26 March 2022



Cullen Valley Mine
Invincible Colliery

Community Consultation
Committee Meeting

15 March 2022

Ownership Recap & Mgt Update

New Ownership

In November 2021, Shoalhaven Coal Pty Ltd's (former) owners the Manildra Group, finalised a sale of their mining assets on a 100% share basis to new locally based Lithgow owners. What this means is that other than new Directors at the helm, Shoalhaven Coal and related entities, ABN etc remain in place with no requirement to transfer assets to a new Company.

New Management Team

Kyle Egan – General Manager and Statutory First Class Ticket (Mine Manager)

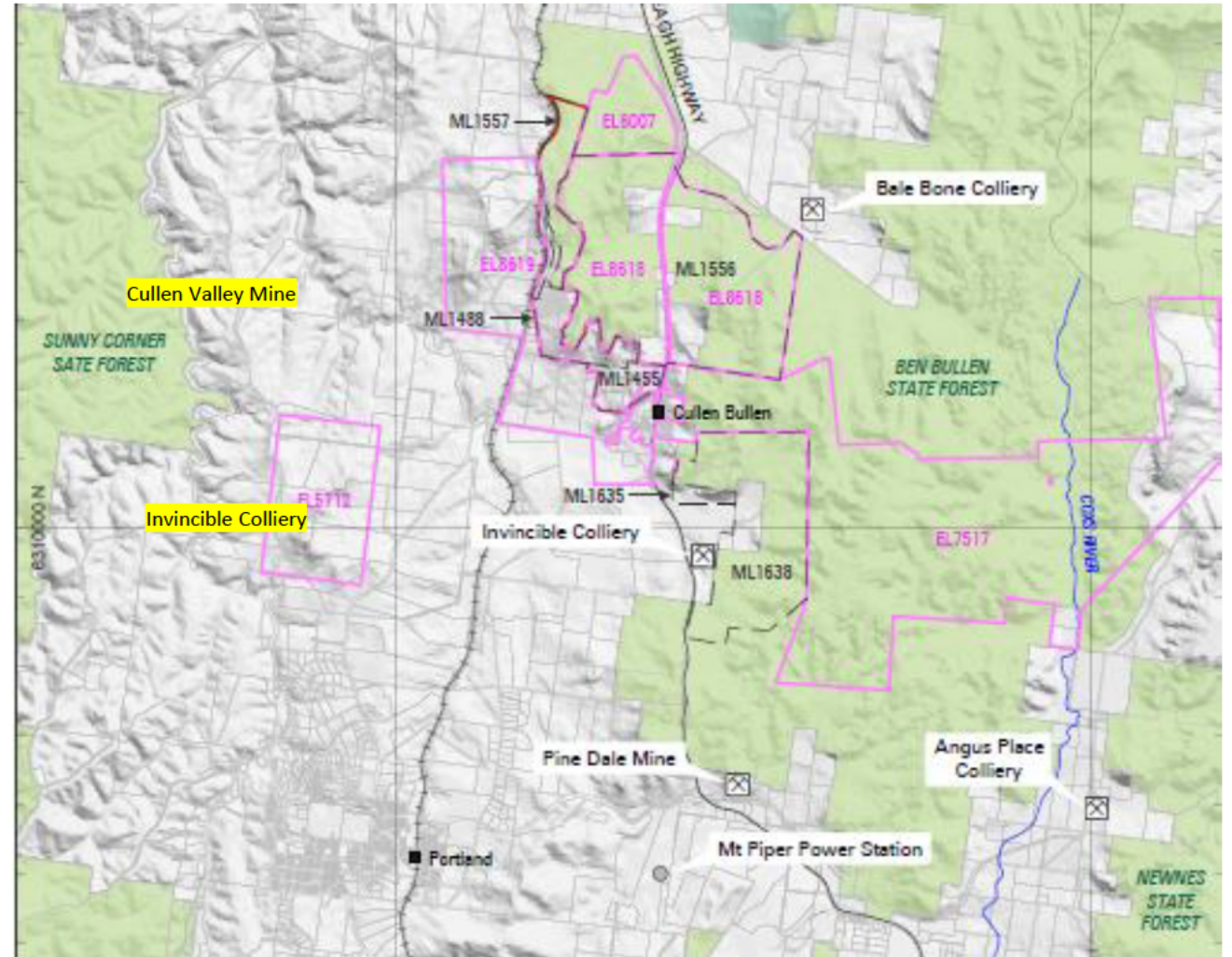
Almy Bryce – Environment Manager and Community Liaison Officer

Statutory Survey and Engineering roles are currently being filled via contracted locals

Restart of Operations

As per advice November 2021 CCC Meeting

- Initial restart of mining
 - Proposed mining of remnant coal at Cullen Valley Mine Q1 – Q2
 - Invincible Q3 – Q4 2022



Cullen Valley Mine

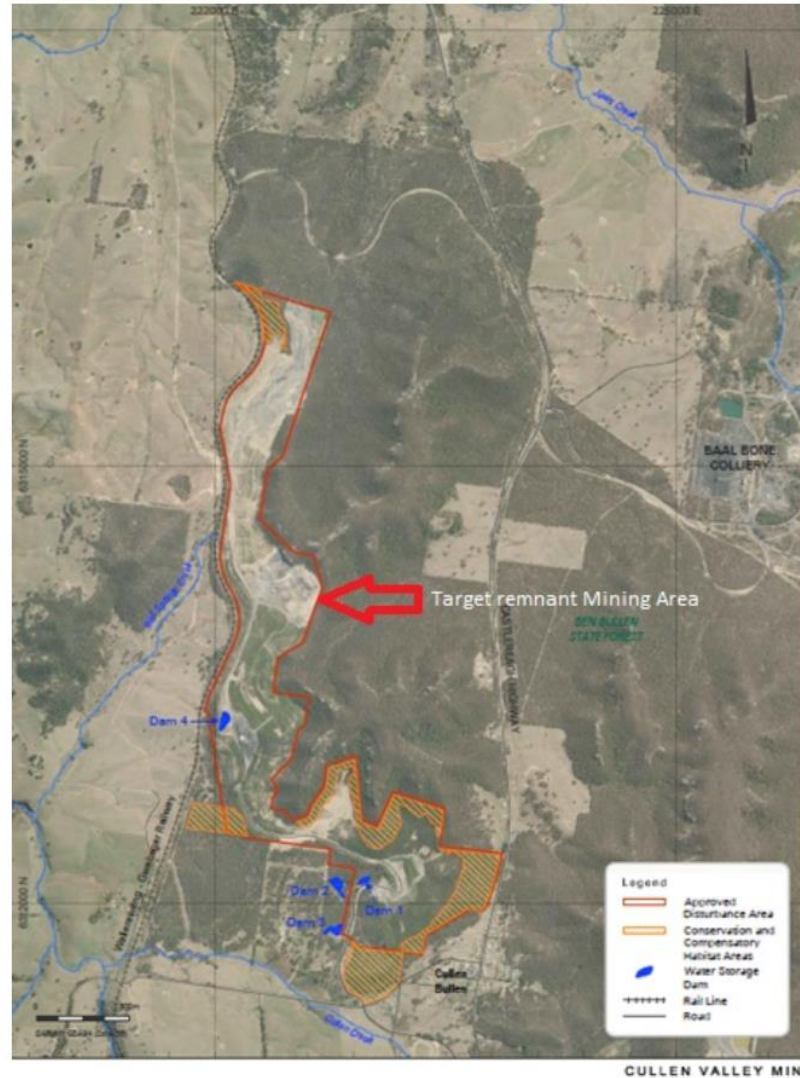
Cullen Valley Mine - DA0200-5-2003 – Approved until Q4 2025

- Production Limit - 1 million tonnes of saleable coal per annum
- Coal Haulage Limits - transport no more than 250,000 tonnes (cumulative total) a year by road to domestic destinations other than the Mount Piper Power Station (1 million total)
- Uses the dedicated coal haulage route from the development to the Castlereagh Highway
- Is not conveyed on any local road within the Lithgow local government area, except with the written approval of the Director-General
- Occurs between 7.00 am and 5.30 pm Monday to Friday, between 7.00 am and 5.00 pm Saturdays, for no more than 30 days annually to the satisfaction of the DEC and Council, and at no time on Sundays and Public Holidays

Planned Operations

- To commence following sign off of management plans anticipated over the next several weeks
- Mine approximately 450,000 tonnes from remnant coal resources over a 9 month period
- Run of mine coal is product coal – Screening and sizing only onsite, no further beneficiation required
- Mining area is approved - no further consideration at this time to mine the geebung area to the North
- Road haulage consistent with the DA approval to Vales Point and Mount Piper
- Approved Disturbance and mining areas – next slides.

Cullen Valley Mine – Approved Disturbance Area



Cullen Valley Mine – Target Remnant Mining Area



CVM pre-mining requirements

Mining Operations Plan

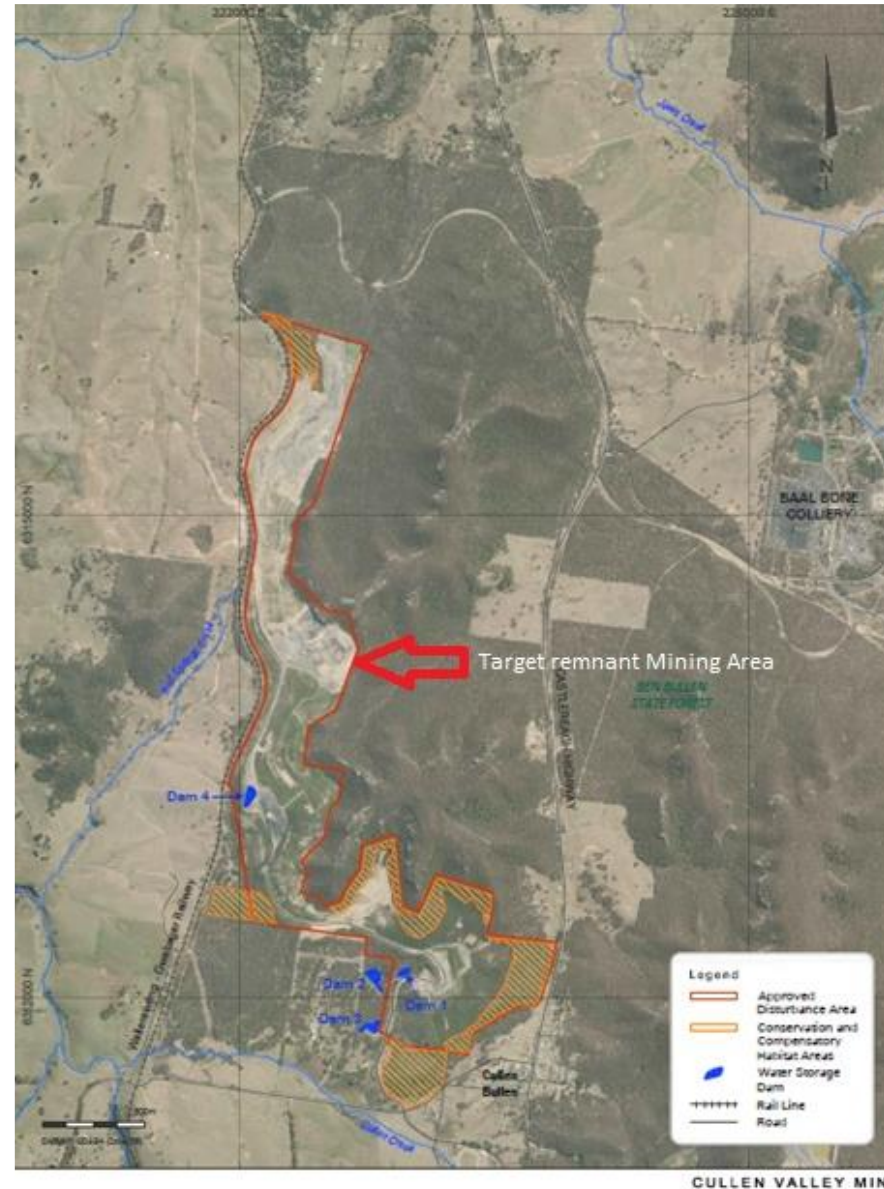
Submitted to the Resources Regulator to allow recommencement of mining operations - approved on 28th February 2022 until 2 July 2022

Will be replaced by new Rehabilitation Management Plan from 2 July 2022

Management Plans

New Plans submitted to DPIE and other Agencies for comment and approval 13th - 18th of February 2022. Agency consultation in progress.

Cullen Valley Mine – Approved Disturbance Area



Cullen Valley Mine – Target Remnant Mining Area



Invincible Colliery

Invincible - PA-07-0127 – Approved until 31 December 2025 (Approved Southern Extension Area)

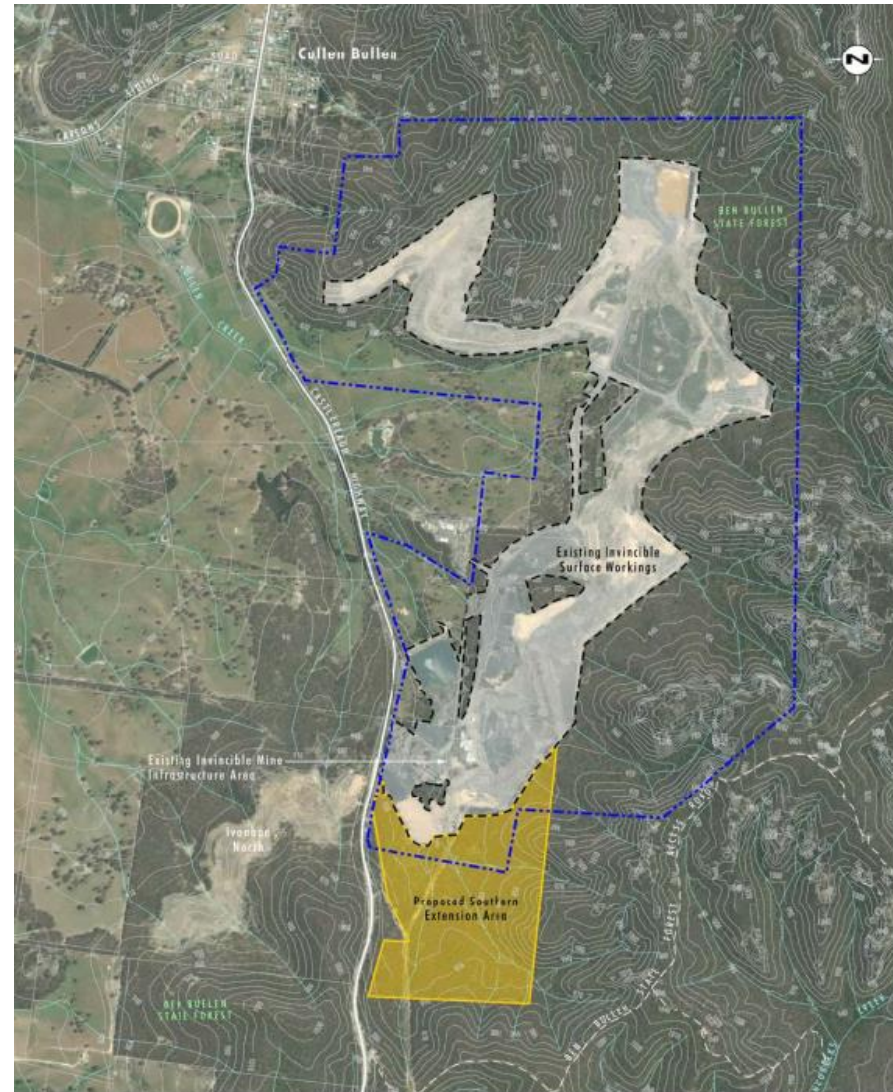
Production Limit - 1.2 million tonnes of product coal per calendar year

Coal Haulage Limits - 146 laden coal truck movements from site per day, averaged over a week with a maximum of 16 laden truck movements per hour

Planned Operations

- To commence following Q3 – Q4 2022
- Mining schedule to be developed
- Run of mine coal is product coal – Screening and sizing only onsite, no further beneficiation required
- Mining area is approved
- Road haulage consistent with the DA approval
- Approved Disturbance and mining areas – next slides.

Invincible Project Boundary and Southern Extension



Invincible pre-mining requirements

Mining Operations Plan

Current care and maintenance MOP approval extended by Resources Regulator until 2 July 2022

Will be replaced by new Rehabilitation Management Plan from 2 July 2022

Management Plans

Various Plans submitted to DPIE and other Agencies for comment and approval to be followed up and finalised

MLA431

To be finalised with Mining Exploration & Geoscience | Department of Regional NSW

Recent Stakeholder Consultation

A CCC meeting was held on November 24th 2021 providing an opportunity for the Manildra Group to reveal its exit from Shoalhaven Coal, and to introduce the new ownership team

Since taking control of Shoalhaven Coal in November 2021, the owners have instituted a pragmatic but extensive consultation program having held discussions with Lithgow Council, local business and the Cullen Bullen Community via a newsletter drop/update outlining the change of ownership and proposed restart to mining operations

Within the last 4 months, 16 local people have been directly employed and are presently participating in a surface mining traineeship and upskilling program in preparation for the restart of operations, whilst over 30 local businesses have been engaged to provide goods and services pending the restart of operations

DPIE, Resources Regulator and other agencies regarding Cullen Valley MOP and Management Plans

A new Castlereagh Coal website has been operational since December 2021 - <https://ccoal.com.au/>



Update – Complaints and Section 240 Notices

Complaints

- One complaint regarding odour was received in January during a temperature inversion. The complainant was spoken to and the source of the odour addressed by site personnel

Section 240 Notices issues to Cullen Valley and Invincible following inspections by Resources Regulator in May 2021

- Were due for completion by 28 February, however former owners did not initiate engagement of specialists.
- New team engaged specialist in December 2021, desktop and field investigation works have both been started, anticipated completion 31 May 2022.

Cullen Valley Mine Heating's

- An approved MOP and Plan of Works applies to existing and ongoing management of the heating areas at CVM, however site personnel have been consulting closely with the Resources Regulator regarding improvement opportunities
- Qualified mining consultant Kim Nguyen of Core Mine Training who has extensive direct experience in the management of subsurface heating's in NSW Coal Mines has been engaged. Kim will assist with trials of irrigation and compaction methods to manage the sub-surface heating's at CVM, whilst options to apply additional rehabilitation capping will also be applied where appropriate.
- A trial irrigation area of approximately 1000 sqm will use existing water entitlements and irrigation equipment already onsite. The trial will run from 3 – 6 months. Should the trial show success, the program will be expanded to providing a low-cost treatment option negating the need to excavate and extinguish or apply additional capping (Example plan next slide)
- Super-compaction utilising mechanical compaction methods will also be considered where appropriate.

Example – Trial Irrigation using short parallel trenches along contour



End of Presentation