

Appendix C

Consultation

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Minutes of Meeting

Bloomfield Colliery Life of Mine Extension Modification

Subject	Briefing and Mine Operations Plan Discussion: Resources and Energy	Page	2
Venue	Resources and Geoscience - Maitland	Time	0900
Participants	Monique Meyer (MM) – Resources and Energy. Dam Adams (DA) – Resources and Energy. John Trotter (JT) – Resources and Energy. Garry Bailey (GB) – Bloomfield. Greg Lamb (GL) – Bloomfield. Jeff Dunn (JD) – Bloomfield. Brendon Clements (BC) – Bloomfield. Simon Murphy (SM) – AECOM.		
Apologies	None		
File/Ref No.	60289290	Date	12-Sep-2017
Distribution	As above		

No	Item	Action	Date
1.	GB – Provided overview of the proposed Bloomfield life of mine extension project. Advised that Bloomfield are progressing the Environmental Assessment (EA) for the Mod had have come to consult / seek input from DRG. Also advised Bloomfield are seeking confirmation in regards to required Mine Operations Plans (MOP) updates and submission.	-	-
	MM – Enquired about Secretary's Environmental Assessment Requirements (SEARs) for the project. DRG has not seen SEARs but would be required to assess against relevant SEARS. GB – Discussions have been has with Department of Planning and Environment (DP&E as far back as 2015 regarding the Mod. Draft SEARs have been received by email from DP&E although they are not extensive. MM – Requested a copy of the SEARS.	GB to send a copy of the SEARs to MM.	Complete – by email 12/9/17.
	MM/JT – The EA will need to provide an adequate level of information in regards to final landform and rehab and the options/alternatives reviewed as part of the EA process to demonstrate environmental impacts have been considered. GB/JD – Briefly described options which are primarily driven by tailings and the need to potentially accommodate Abel tailings subject to Abel coming out of care and maintenance.	-	-
	MM/JT – Enquired about Abel reopening and impacts to the project. GB – Bloomfield is not aware of what Yancoal's intentions	-	-

No	Item	Action	Date
	<p>are for Abel.</p> <p>GB – When considering the project to be assessed surface infrastructure and the existing tailings dam are outside the approval area and within the Abel consent. Note existing tailings dam has approx. 3 years capacity remaining.</p> <p>GB – The EA will need to present two final landforms with / without Abel coming out of care and maintenance to account for this due to the need to potentially accommodate Abel tailings. .</p>		
	<p>JT / MM – How would Abel tailings be disposed of in the Bloomfield pit?</p> <p>JD – Tabled conceptual final landform showing proposed tailings emplacement area in the south-western corner of the Bloomfield pit area. Depending on timing, this tailings emplacement area could be provided or alternatively the final void used for tailings disposal.</p> <p>JT / MM – how are tailings currently transferred to the existing dam?</p> <p>BG – Pump slurry to multiple points within the existing tailings dam and beached for drainage.</p>	-	-
	<p>JT / MM – The EA would need to demonstrate the viability of these tailings disposal areas in regards to dewatering and achieving stable final landform (justification of proposed capping thicknesses). How would you dewater from the final void if used for tailings emplacement?</p> <p>GB – Use a decant wall structure for dewatering..</p> <p>JT – Will need these management measures detailed in the EA.</p>	-	-
	<p>JT – Are there any proposed reuse options for the final void water?</p> <p>GB – Not currently. Future use of the void and entire site will be subject to decisions by the landowners. Note that portions of the site have been earmarked for future use for appropriate development e.g. industrial park. This would not be proposed in the final landform as it would be subject to future applications by others i.e. it is outside the scope of this project.</p>	-	-
	<p>GB – As the currently MOP will run out prior to the current approval process being complete what is DRGs preference for remedying this? New MOP or extension to existing MOP?</p> <p>MM – DRG are happy to accept a modified MOP for the interim period. A 6 month extension should allow enough buffer time.</p>	-	-
	<p>GL – Would DRG also be happy to accept a draft version of the proposed new future MOP for early review?</p> <p>MM – Yes happy to review and provide preliminary comment when ready.</p>	-	-

ONeill, Alison

From: Garry Bailey <gBailey@bloomcoll.com.au>
Sent: Thursday, 12 October 2017 12:35 PM
To: Greg Lamb; Murphy, Simon; Brendon Clements
Subject: FW: Bloomfield Colliery

From: Natasha Ryan [<mailto:Natasha.Ryan@epa.nsw.gov.au>]
Sent: Thursday, 12 October 2017 12:00 PM
To: Garry Bailey <gBailey@bloomcoll.com.au>
Subject: Bloomfield Colliery

Hi

Thanks for phoning me today. As advised in our discussion the Environment Protection Authority ("EPA") is unable to meet with you regarding your proposed extension project to Bloomfield Colliery. The EPA will review the environmental assessment through the planning referral process.

As discussed you should ensure that you consider the transport of coarse reject from one premises to another and co-disposal in dumps for final landform under the auspices of EPAs' Resource Recovery Order and Exemptions. The EPA advise you that an acceptance of waste at a premises must only occur under a valid Resource Recovery Order and/or Exemption.

Yours Sincerely

Natasha Ryan

Regional Operations Officer - Hunter
North Branch, NSW Environment Protection Authority
+61 2 4908 6833

hunter.region@epa.nsw.gov.au www.epa.nsw.gov.au [@EPA_NSW](#)

Report pollution and environmental incidents 131 555 (NSW only) or +61 2 9995 5555



Please provide all correspondence to hunter.region@epa.nsw.gov.au

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Any views expressed in this email are those of the individual sender except where the sender expressly and with authority states them to be the views of the Environment Protection Authority.

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

Minutes of Meeting

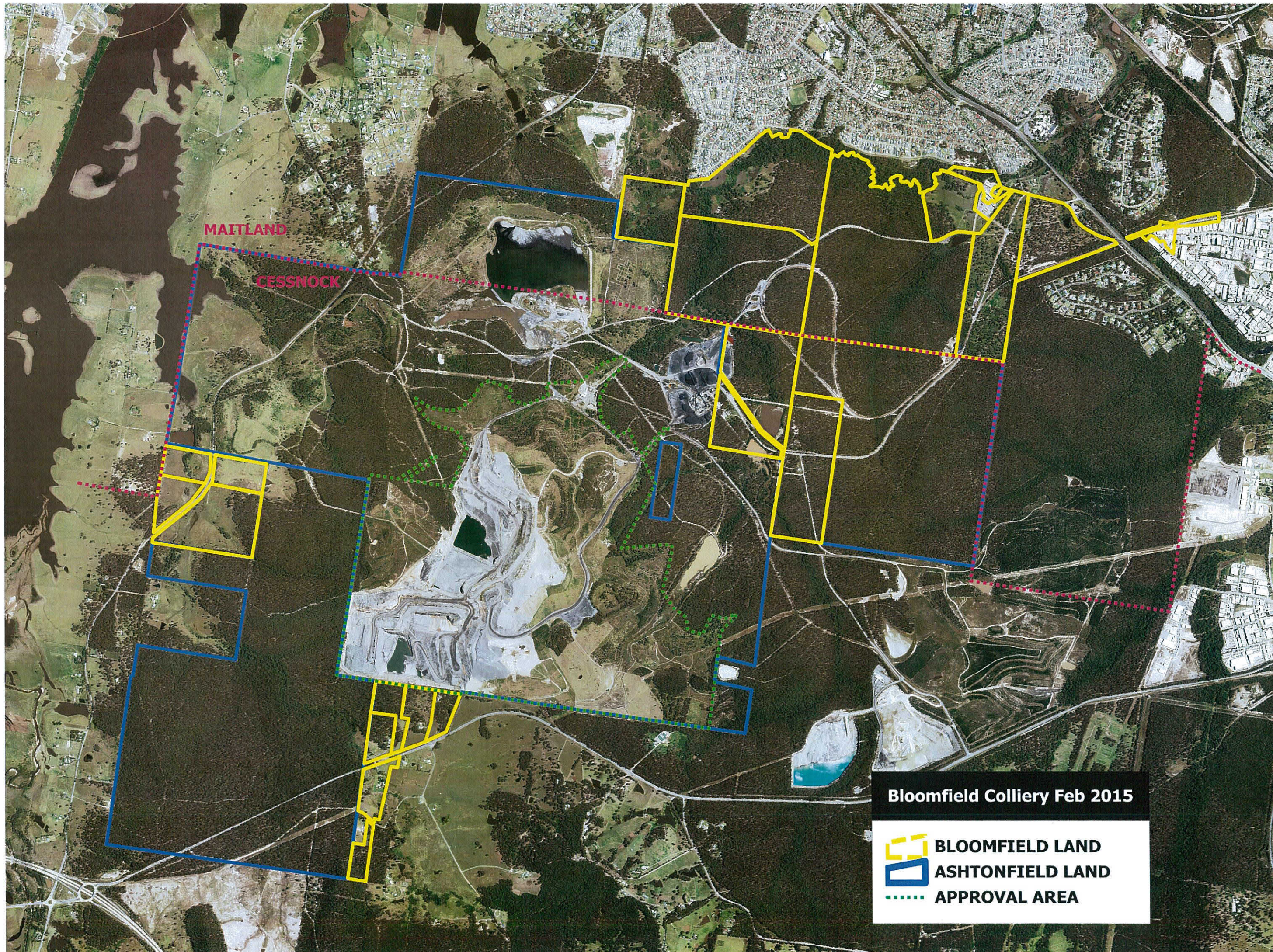
Bloomfield Colliery - Project Approval modification to extend life of mine

Subject	Cessnock City Council Project Briefing	Page	3
Venue	Cessnock City Council	Time	09:00
Participants	Gareth Curtis(GC) – Director Planning and Environment, Cessnock City Council Janine McCarthy (JM) – Development Services Manager, Cessnock City Council Garry Bailey (GB) - Bloomfield Greg Lamb (GL) - Bloomfield Simon Murphy (SM) - AECOM		
Apologies	Stephen Glen (General Manager, Cessnock City Council)		
File/Ref No.	60286290	Date	02-Aug-2017
Distribution	As above		

No	Item	Action	Date
1.	GB - Provided brief a history of Bloomfield Colliery and the existing consent, subsequent modifications and approval relationship with the Abel mine: <ul style="list-style-type: none"> Outlined existing Bloomfield consent (07_0086) as modified. Detailed how surface infrastructure currently falls under Abel Mine consent. 	-	-
2.	GB - Provided background to the need for the current modification: <ul style="list-style-type: none"> Bloomfield seeking to extend the life of the current consent to 2030 to align with Abel. Also seeking to gain access to additional coal resource. Refer attached figures showing proposed disturbance area and proposed final landform as tabled.	-	-
3.	GC – Enquired about the nature of the operation (open cut) and changes to the existing operation that will allow additional resource extraction? GB – Operation is, and will continue to be open cut: <ul style="list-style-type: none"> Previous extraction used a large shovel which didn't have the ability to allow thinner seams to be separated from overburden. Bloomfield has since acquired an excavator that allows thinner seams to be extracted. Regardless of additional total resources identified in the Modification, annual extraction would not exceed the currently approved 1.3 Million tonne per year Run of Mine (ROM) coal. 	-	-

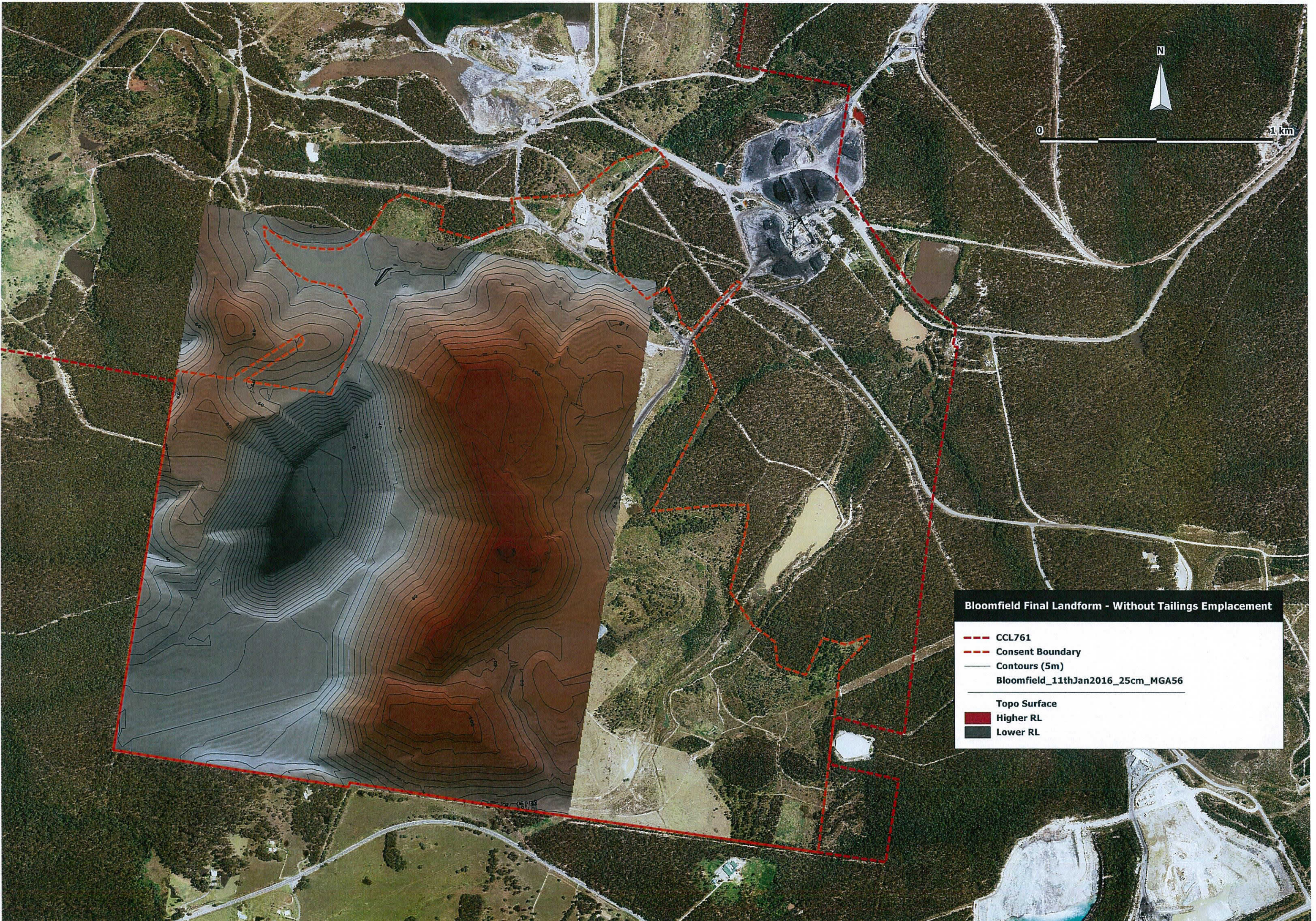
No	Item	Action	Date
4.	GB – Explained how coal extracted at Bloomfield is mixed with coal from the Bloomfield Groups Rix's Creek Mine at Singleton to achieve qualities (moisture, ash and sulfur content) required by customers. Blending occurs at coal loaders in the Port of Newcastle. Transport of coal to the port is by rail out-loaded from the mines rail loader and rail loop.	-	-
5.	GC – Enquired about status of Donaldson Coal? BG – Confirmed it is currently in care-and-maintenance. Timing for any change to the current status is unknown however the modification environmental assessment for the modification would assess cumulative impacts as if both mines are in operation.	-	-
6.	GC – Asked to confirm road access arrangements? GB / GL – Primary site access is via Four Mile Creek Road to the New England Highway (In the Maitland Local Government Area (LGA)). Secondary site access is available via Buttai Rd to Buchanan Rd however this access has a locked gate and is not used as a day-to-day access.	-	-
7.	GB – Land ownership. The mine footprint falls on land primarily owned by Ashtonfield Pty Ltd. A number of residual lots are also owned by the Bloomfield Group. Refer to attached ownership figure as tabled.	-	-
8.	GC – General comments: <ul style="list-style-type: none"> Cessnock City Council is supportive of the mining industry particularly given the historical connection to the LGA. Cannot recall any community complaints or other issues arising in relation to Bloomfield. Community focus in this area is primarily related to quarries at Blackhill and Buttai. 	-	-
9.	GB – Explained that Bloomfield Community Consultative Committee (CCC) no longer had a representative from Cessnock Council. Previous council rep didn't deem attendance necessary. GC – Questioned this and indicated they would review internally within Council.	GC to confirm Councils requirement for a CCC rep.	TBA.
10.	SM – Confirmed the approval process: <ul style="list-style-type: none"> Modification to the mines existing Part 3A Project Approval under transitional provisions of the EP&A Act. Indicated technical specialist studies are in the process of being prepared including but not limited to noise, air quality, surface and groundwater. Department of Planning and Environment have confirmed approval pathway and issues environmental assessment requirements (SEARS). 	-	-

No	Item	Action	Date
	<ul style="list-style-type: none"> As part of the EA preparation we are briefing Council to seek any comments/questions they may so these can be addressed in the environmental assessment as appropriate. 		
11.	GC/JM – Confirmed that additional consultation was not required at this stage. Council would have opportunity to comment as part of the formal assessment process. Minutes of meeting to be recorded as evidence of consultation.	SM to circulate these minutes as evidence of consultation.	-
12.	Close.	-	-



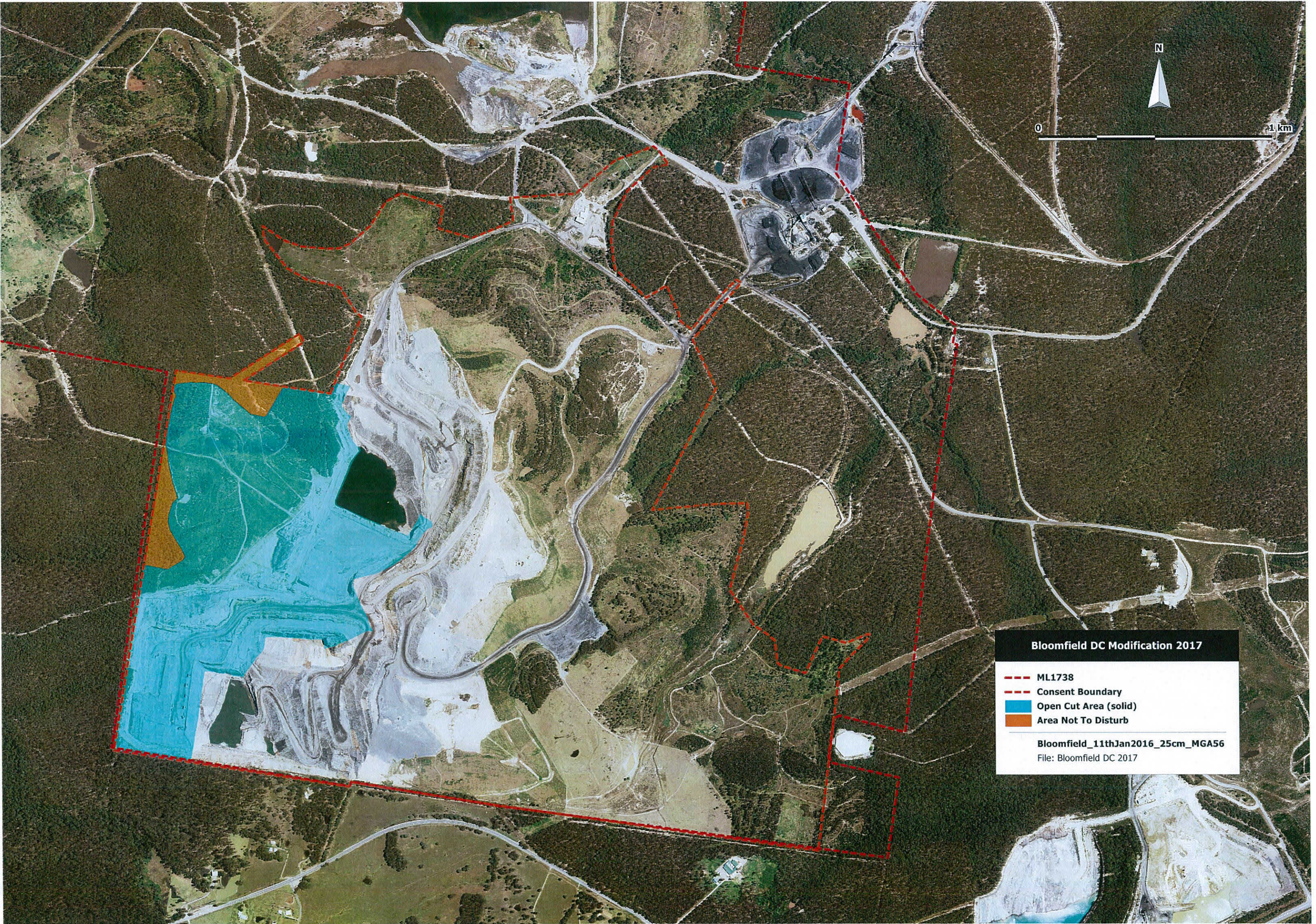
Bloomfield Colliery Feb 2015

 BLOOMFIELD LAND
 ASHTONFIELD LAND
 APPROVAL AREA



Bloomfield Final Landform - Without Tailings Emplacement

- CCL761
- Consent Boundary
- Contours (5m)
- Bloomfield_11thJan2016_25cm_MGA56
- Topo Surface
- Higher RL
- Lower RL



Bloomfield DC Modification 2017

- ML1738
- Consent Boundary
- Open Cut Area (solid)
- Area Not To Disturb

Bloomfield_11thJan2016_25cm_MGA56
File: Bloomfield DC 2017

Minutes of Meeting

Bloomfield Colliery - Project Approval modification to extend life of mine

Subject	Maitland City Council Project Briefing	Page	2
Venue	Maitland City Council	Time	14:00
Participants	David Simm (DS) – Manager Development and Environment, Maitland Council Leanne Harris (LH) – Development Assessment Coordinator, Maitland Council Stephen Punch (SP) – Principal Planner, Maitland Council Garry Bailey (GB) - Bloomfield Greg Lamb (GL) - Bloomfield Simon Murphy (SM) - AECOM		
Apologies	None		
File/Ref No.	60286290	Date	23-Aug-2017
Distribution	As above		

No	Item	Action	Date
1.	GB - Provided brief a history of Bloomfield Colliery and the existing consent, subsequent modifications and approval relationship with the Abel mine: <ul style="list-style-type: none"> Outlined existing Bloomfield consent (07_0086) as modified. Detailed how surface infrastructure currently falls under Abel Mine consent. Coal preparation plant and rail loop are currently running well below approved limits as there is no production from Abel. 	-	-
2.	GB - Provided background to the need for the current modification: <ul style="list-style-type: none"> Bloomfield seeking to extend the life of the current consent to 2030 to align with Abel. Also seeking to gain access to additional coal resource. Refer attached figures showing proposed disturbance area and proposed final landform as tabled.	-	-
3.	SP – Enquired about the timing for the closure of the tailings dam. GB – Indicated likely within the next 3 or 4 years however would be dependent on whether Abel becomes operational again as this may accelerate its closure. DS – Enquired about post closure uses of the tailings dam. Capped and rehabilitated, potential use as a landfill? GB – Confirmed current plans are to rehabilitate. All – Noted interconnectedness of ground and	-	-

No	Item	Action	Date
	surface waters on the mine site due to historical - underground workings relationship with current open-cut operations.		
4.	SP – Enquired about status of Abel Mine? BG – Confirmed it is currently in care-and-maintenance. Specific timing for future operation of the mine currently unknown by Bloomfield.	-	-
5.	LH / SP – Described proposed future development in Louth Park as this would likely be the closest residents to the mine (specifically the tailings dam) as these areas are developed. Confirmed that Louth Park would likely be progressively developed over the long term.	-	-
6.	LH – Enquired about the use of the mine access road of Mt Vincent Road? GB / GL – Indicted that this is a locked gate that is sometimes used by mine employees and contractors as an alternative assess. Confirmed that the primary site access is, and will continue to be, via Four Mile Creek Road and the New England Highway.	-	-
7.	GB – Described Land ownership. The mine footprint falls on land primarily owned by Ashtonfield Pty Ltd. A number of residual lots are also owned by the Bloomfield Group. Refer to attached ownership figure as tabled.	-	-
8.	All – Discussed community consultation and the operation of the CCC. Council involvement not deemed necessary in recent year due to the level of potential impact to, and limited location within, the Maitland LGA.	-	-
9.	SM – Confirmed the approval process: <ul style="list-style-type: none"> Modification to the mines existing Part 3A Project Approval under transitional provisions. Indicated technical specialist studies are in the process of being prepared including but not limited to noise, air quality, surface and groundwater. Department of Planning and Environment have confirmed approval pathway and issues environmental assessment requirements (SEARS). Maitland Council would be provided with opportunity to provide further feedback on the project as part of the formal Environmental Assessment process. 	-	-
10.	MCC – Confirmed that additional the minutes of this meeting along with a request for any further comments / questions would suffice for consultation at this stage of the project.	SM to issue minutes to all attendees.	ASAP following meeting.
11.	Close.	-	-