

ATTACHMENT A

Consolidated Project Approval 07_0087 dated 3 September 2009 (including Modifications to February 2013)

Project Approval 07_0087 MOD 1 conditions dated 16 May 2011

Project Approval 07_0087 MOD 2 conditions dated 29 March 2012

Project Approval 07_0087 MOD 3 conditions dated 20 February 2013

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	SCHEDULE 2 ADMINISTRATIVE CONDITIONS			
	Obligation to Minimise Harm to the Environment			
2/1	The Proponent shall implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the project.		Noted	
	Terms of Approval			
2/2	<p>The Proponent shall carry out the project generally in accordance with the:</p> <ul style="list-style-type: none"> • Environmental Assessment (EA) • Statement of Commitments; • Modification application 07_0087 Mod 1 and Environmental Assessment titled Extension of the Project Approval Area for Out-of-Pit Overburden Emplacement and Rehabilitation, Alternative Haul Road and Power-line Relocation, prepared by Business Environment and dated September 2010; • Biodiversity Offset Strategy titled Bloomfield Colliery Project Modification (07_0087 MOD 1) – Proposed Offset Strategy, dated 31 March 2011; • the modification application 07_0087 MOD 2 and letter entitled Bloomfield Coal Project Modification of PA 07-0087, dated November 2011; • the modification 07_0087 MOD 3 as requested by letter entitled Bloomfield Coal Project – Modification of PA 07_0087, dated 17 December 2012; and • conditions of this approval. <p>Notes:</p> <ul style="list-style-type: none"> • The general layout of the project is shown in Appendix 2; • Statement of Commitments is reproduced in Appendix 3. 		Compliant	<p>The Bloomfield Colliery development is being carried out generally in accordance with the documents identified in Project Approval Schedule 2 condition 2:</p> <ul style="list-style-type: none"> • Environmental Assessment(EA) Completion of Mining and Rehabilitation, November 2008 • Statement of Commitments; • Modification application 07_0087 Mod 1 and Environmental Assessment titled Extension of the Project Approval Area for Out-of-Pit Overburden Emplacement and Rehabilitation, Alternative Haul Road and Power-line Relocation, prepared by Business Environment, September 2010; • Biodiversity Offset Strategy titled Bloomfield Colliery Project Modification (07_0087 MOD 1) – Proposed Offset Strategy, 31 March 2011; and • Bloomfield Coal Project Modification of PA 07-0087 MOD-2, November 2011 • conditions of this approval.

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2/3	If there is any inconsistency between the above documents, the more recent document shall prevail to the extent of the inconsistency. However, the conditions of this approval shall prevail to the extent of any Inconsistency.		Noted	
2/4	Proponent shall comply with any reasonable requirements of the Director-General arising from the Department's assessment of: a) any reports, plans, programs, strategies or correspondence that are submitted in accordance with the conditions of this approval; and b) the implementation of any actions or measures contained in these reports, plans, programs, strategies or correspondence		Compliant	Comments were received from the DP&I in relation to the Blast Monitoring Program, Air Quality Monitoring Program and Water Management Plan and revision of the documents have been made and submitted to the DP&I.
	Limits on Approval			
2/5	Mining operations may take place on the site until 31 December 2021. <i>Note: Under this Approval, the Proponent is required to rehabilitate the site to the satisfaction of the Director-General and DRE. Consequently this approval will continue to apply in all other respects other than the right to conduct mining operations until the site has been rehabilitated to a satisfactory standard.</i>		Noted	
2/6	The Proponent shall not extract more than 1.3 million tonnes of ROM coal a year from the site.	Bloomfield Periodic Review 2010-2011 Bloomfield Periodic Review 2011-2012	Compliant	Run-of-Mine coal extracted from "The Wall" in 2010 to 2012 was less than 1.3mtpa: Jul 2010 to Jun 2011 - 874,829 tonnes Jul 2011 to Jun 2012 - 803,029 tonnes
	Hours of Operation			
2/7	Project operations may take place 24 hours per day, 7 days per week		Compliant	The Bloomfield Coal operations are conducted 24hours/day, 7 days/week.
	Management Plans / Monitoring Programs			
2/8	With the approval of the Director-General, the Proponent may submit any management plan or monitoring program required by this approval on a progressive basis.		Noted	
2/9	The Proponent shall prepare revisions of any strategy, plan or program required under this project approval if directed to do so by the Director-General. Such revisions shall be prepared to the satisfaction of, and within a timeframe approved by, the Director-General.		Not activated	No revisions to the EMS, plans or programs had been required by the Director-General at the date of this audit (February 2013).
2/10	With the approval of the Director-General, the Proponent may integrate any strategy, plan, program, review, audit or committee required by this approval with any similar requirement under the development consent for the Donaldson Coal Mine and the project approval for the Abel Coal Mine.		Noted	

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	Structural Adequacy			
2/11	The Proponent shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with relevant requirements of BCA. <i>Notes:</i> <ul style="list-style-type: none"> Under Part 4A of the EP&A Act, the Proponent is required to obtain construction and occupation certificates for the proposed building works. Part 8 of the EP&A Regulation sets out the requirements for the certification of the project 		Not applicable	No new buildings were constructed at the Bloomfield site between 2009 and 2012.
	Demolition			
2/12	The Proponent shall ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version		Not applicable	No demolition occurred at the Bloomfield site between 2009 and 2012.
	Operation of Plant and Equipment			
2/13	The Proponent shall ensure that all plant and equipment used on site is: <ul style="list-style-type: none"> a) maintained in a proper and efficient condition; and b) operated in a proper and efficient manner 		Compliant	All equipment and plant used on the Bloomfield Coal Mine site is maintained to manufacturer's specifications at the on-site workshop off Four Mile Creek Road and is operated in an efficient manner.
	Community Enhancement Fund			
2/14	The Proponent shall establish a Community Enhancement Fund of a minimum of \$500,000 and implement expenditure from that fund to the satisfaction of the Director-General. Proposals for expenditure from the fund must: <ul style="list-style-type: none"> a) be prepared by the Proponent in consultation with Council and the CCC and be submitted to the Director-General for approval by 31 December 2009; b) be expended over the ten calendar years 2010-2019; and c) a minimum of \$180,000 on local infrastructure projects within Cessnock LGA, to be commenced no later than 30 September 2011; and d) a minimum of \$32,000 annually to locally-operating community charities 	<ul style="list-style-type: none"> Letter from Bloomfield to DoP re Community Enhancement Fund Projects, 15 Dec 2010 Letter from DoP of Approval for Community Enhancement Fund Projects, 15 Feb 2011 Remittance Advice from Bloomfield Group to Cessnock City Council, 5 Apr 2011 Letter from DoP re Approval of Community Enhancement Fund support to Father Chris Riley's Youth Off the Streets, 23 Mar 2010 Remittance Advice from Bloomfield Group to Father Chris Riley's Youth Off the Streets, dated 11 May 2010, 12 May 2011 	Compliant	Bloomfield Group have developed and made the payment of funds to the Cessnock City Council and Cessnock/Kurri Kurri Outreach Program to satisfy the expenditure required under this condition: <ul style="list-style-type: none"> a) Bloomfield Group developed infrastructure projects in consultation with the Cessnock City Council and Community Consultative Committee and submitted to the DoP; b) Funding of \$152,900 for infrastructure projects was provided to the Cessnock City Council on 5 Apr 2011; c) Bloomfield Group proposed Community Enhancement Fund Projects for Cessnock City Council, approved by DoP on 15 February 2011; d) DoP approved Bloomfield Community Enhancement Funding to support the Cessnock/Kurri Kurri Outreach Program by providing \$32,000/yr to Father Chris Riley's Youth Off-the-Streets.
	SCHEDULE 3 SPECIFIC ENVIRONMENTAL CONDITIONS			
	Noise			
	Noise Impact Criteria			

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments																																																																				
3/1	<p>The Proponent shall ensure that the noise generated by the project does not exceed at any residence on privately-owned land, or on more than 25% of any privately-owned land, the noise impact assessment criteria shown in Table 1 for the monitoring location nearest to that residence or land:</p> <p><i>Table 1: Operational noise impact assessment criteria dB(A)</i></p> <table border="1"> <thead> <tr> <th>Location</th> <th>Locality</th> </tr> </thead> <tbody> <tr><td>E</td><td>Browns Road, Black Hill</td></tr> <tr><td>F</td><td>Black Hill Road, Black Hill</td></tr> <tr><td>G</td><td>Buchanan Road, Buchanan</td></tr> <tr><td>H</td><td>Mt Vincent Road, Louth Park</td></tr> <tr><td>L</td><td>Kilshanny Avenue, Ashtonfield</td></tr> <tr><td>M</td><td>John Renshaw Drive, Buttai</td></tr> <tr><td>N</td><td>Lings Road, Buttai</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th rowspan="2">Location</th> <th rowspan="2">MS*</th> <th colspan="2">Day</th> <th colspan="2">Night</th> </tr> <tr> <th>LAeq(15 min)</th> <th>Evening</th> <th>LA1(1min)</th> <th>LA1(1min)</th> </tr> </thead> <tbody> <tr><td>E</td><td>40</td><td>35</td><td>35</td><td>35</td><td>45</td></tr> <tr><td>F</td><td>42</td><td>35</td><td>35</td><td>35</td><td>45</td></tr> <tr><td>G</td><td>43</td><td>39</td><td>42</td><td>37</td><td>45</td></tr> <tr><td>H</td><td>35</td><td>35</td><td>35</td><td>35</td><td>45</td></tr> <tr><td>L</td><td>35</td><td>35</td><td>35</td><td>35</td><td>45</td></tr> <tr><td>M</td><td>48</td><td>39</td><td>39</td><td>37</td><td>45</td></tr> <tr><td>N</td><td>43</td><td>42</td><td>42</td><td>35</td><td>45</td></tr> </tbody> </table> <p>*Morning Shoulder Notes:</p> <ul style="list-style-type: none"> To interpret the locations in Table 1, see Appendix 2. The limits in Table 1 are to apply under meteorological conditions of up to 3 m/s at 10 m above ground level, with the wind direction and frequency of occurrence determined in accordance with the requirements of the NSW Industrial Noise Policy, but excluding conditions of F and G class inversions as described in that Policy. <p>However, if the Proponent has a written negotiated noise agreement with the landowner of any privately- owned land, and a copy of this agreement has been forwarded to the Department and OEH, then the Proponent may exceed the noise limits in Table 1 on that land in accordance with the negotiated noise agreement</p>	Location	Locality	E	Browns Road, Black Hill	F	Black Hill Road, Black Hill	G	Buchanan Road, Buchanan	H	Mt Vincent Road, Louth Park	L	Kilshanny Avenue, Ashtonfield	M	John Renshaw Drive, Buttai	N	Lings Road, Buttai	Location	MS*	Day		Night		LAeq(15 min)	Evening	LA1(1min)	LA1(1min)	E	40	35	35	35	45	F	42	35	35	35	45	G	43	39	42	37	45	H	35	35	35	35	45	L	35	35	35	35	45	M	48	39	39	37	45	N	43	42	42	35	45	<ul style="list-style-type: none"> Noise Monitoring Program, SLR Consulting, 16 Sep 2011 Noise Monitoring Reports, SLR 2012 	Compliant	<p>The Bloomfield operational noise impact assessment criteria have been incorporated into the relevant noise monitoring documents.</p> <p>The Noise Monitoring Program prepared by SLR Consulting for the Bloomfield Project references the Project Approval Schedule 3 condition 1 Noise Impact Assessment Criteria in section 3. Section 3 of the Noise Monitoring Program addresses noise sources / key noise monitoring locations, and section 4 identifies the noise monitoring procedures and selected noise monitoring locations.</p>
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3/2	Proponent shall take all reasonable and feasible measures to ensure that the noise generated by the project combined with the noise generated by other mines does not exceed the following amenity	Bloomfield Noise Monitoring Program, SLR, Sep 2011 Integrated Environmental Monitoring	Compliant	Bloomfield noise monitoring is supplemented with the additional sites described in the Integrated Environmental Monitoring Program section 4.1 - Noise monitoring prepared for																																																																				

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	<p>criteria at any residence on, or on more than 25% of, any privately owned land:</p> <ul style="list-style-type: none"> • LAeq(11 hour) 50dB(A) – Morning shoulder and Day; • LAeq(4 hour) 45 dBA – Evening; and • LAeq(9 hour) 40 dB(A) – Night 	Program, Dec 2007		the Bloomfield, Donaldson, Abel and Tasman mines to determine compliance with the cumulative noise criteria. The quarterly noise monitoring reports and AEMR's provide comment on the cumulative noise impact from the Bloomfield, Donaldson, Abel and Tasman mines on the surrounding receivers.				
	Continuous Improvement							
3/3	<p>Proponent shall:</p> <ol style="list-style-type: none"> implement all reasonable and feasible noise mitigation measures; investigate ways to reduce the noise generated by the project; and report on these investigations and the implementation and effectiveness of these measures in the to the satisfaction of the Director-General. 	Noise Monitoring Program, SLR Consulting, 16 Sep 2011	Compliant	<ol style="list-style-type: none"> the Bloomfield Project operations have been conducted with reasonable noise mitigation measures particularly related to mine operations within the pits and overburden emplacement areas to reduce potential noise impact on surrounding properties. predictive meteorological modelling used to assist with mine planning and operation AEMT section 3.9.4 reports on effectiveness of noise mitigation measures. 				
	Monitoring							
3/4	<p>Proponent shall prepare and implement a Noise Monitoring Program for the project to the satisfaction of the Director-General. The Program must :</p> <ol style="list-style-type: none"> be prepared in consultation with OEHL submitted Director-General approval 6 months of the date of this approval; and include: <ul style="list-style-type: none"> • a combination of unattended and attended monitoring measures; and • a noise monitoring protocol for evaluating compliance with the noise impact assessment criteria in this approval. 	Noise Monitoring Program, SLR Consulting, 16 Sep 2011 Quarterly Noise Monitoring Reports, SLR, 2012	<p>Compliant</p> <p>Awaiting DP&I Approval</p> <p>Compliant</p>	<ol style="list-style-type: none"> A Noise Monitoring Program was prepared by SLR for Bloomfield on 16 September 2011 and addressed the requirements of Project Approval Schedule 3 condition 4, Statements of Commitment 11, and MOD 1, and the Integrated Environmental Monitoring Program (December 2007). The Noise Monitoring Program was submitted to DoP on 4 November 2011. <p>No response to the Noise Monitoring Program had been received from DP&I at the date of this audit.</p> <ol style="list-style-type: none"> The Noise Monitoring Program includes: <ul style="list-style-type: none"> • Section 4 Noise Monitoring Procedures presents attended and unattended noise monitoring measures; and • the noise monitoring protocol for evaluating compliance with the noise impact assessment criteria is included in section 7.1.1 of the Noise Monitoring Program 				
	BLASTING AND VIBRATION							
	Airblast Overpressure Limits							
3/5	<p>The Proponent shall ensure that the air-blast over-pressure level from blasting at the project does not exceed the criteria in Table 2 at any residence on privately-owned land.</p> <p><i>Table 2: Airblast overpressure impact assessment criteria</i></p> <table border="1"> <thead> <tr> <th>dB(Lin Peak)</th> <th>Allowable Exceedance</th> </tr> </thead> <tbody> <tr> <td>115</td> <td>5% of total number of blasts</td> </tr> </tbody> </table>	dB(Lin Peak)	Allowable Exceedance	115	5% of total number of blasts	<ul style="list-style-type: none"> • Bloomfield Colliery Significant Investigation Report to DECCW dated 22 Sep 2010 • Letter from DECCW re Penalty Notice, 1 Nov 2010 • Email to DoP re Blast Exceedance, 9 	Non-Compliant	<p>During the 2009-2012 period the blast results were compliant with less than 5% of the blasts exceeding the 115dB(L) criteria. Bloomfield reported two(2) blasts that exceeded the 120dB(L) criteria:</p> <ul style="list-style-type: none"> • Bloomfield Colliery reported an overpressure value of
dB(Lin Peak)	Allowable Exceedance							
115	5% of total number of blasts							

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments						
	120 0%	Mar 2012 <ul style="list-style-type: none"> Letter to OEH re Blast Exceedance on 9 Mar 2012, dated 13 Mar 2012 Letter from EPA re Blast Overpressure Exceedance , 20 Mar 2012 		127.9dBL on 16 September 2010 was reported to DoP and DECCW. A Penalty Infringement Notice (PIN) was issued by DECCW on 1 November 2010. <ul style="list-style-type: none"> An overpressure value of 120.6dBL on 9 March 2012 that was reported to DoP and OEH. The EPA issued an Official Caution Notice to Bloomfield on 20 March 2012. 						
	Ground Vibration Impact Assessment Criteria									
3/6	The Proponent shall ensure that the ground vibration level from blasting at the project does not exceed the levels in Table 3 at any residence on privately-owned land. <i>Table 3: Ground vibration impact assessment criteria</i> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Peak Particle Velocity (mm/s)</th> <th>Allowable Exceedance</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>5% of total number of blasts</td> </tr> <tr> <td>10</td> <td>0%</td> </tr> </tbody> </table>	Peak Particle Velocity (mm/s)	Allowable Exceedance	5	5% of total number of blasts	10	0%		Compliant	No vibration monitoring results have indicated exceedance of the 5mm/s or 10mm/s criteria between 2009 and 2012.
Peak Particle Velocity (mm/s)	Allowable Exceedance									
5	5% of total number of blasts									
10	0%									
	Blasting Hours and Frequency									
3/7	The Proponent shall carry out blasting on site only between 9 am and 5 pm Monday to Saturday. No blasting is allowed on Sundays and Public Holidays.		Compliant	Blasting on the Bloomfield site has only occurred between 9 am and 5 pm Monday to Saturday, with no blasting allowed on Sundays and Public Holidays (Blast Monitoring Program page 5).						
3/8	The Proponent may carry out on the site a maximum of: <ol style="list-style-type: none"> 2 blasts a day; and 5 blasts a week, averaged over a 12 month period 		Compliant	Bloomfield Colliery has not exceeded 2 blasts / day, or exceeded 5 blasts / week averaged over a 12 month period, between 2010 and 2012.						
	Operating Conditions									
3/9	During mining operations on site, the Proponent shall implement best blasting practice to: <ol style="list-style-type: none"> protect the safety of people, property, public infrastructure, and livestock; and minimise the dust and fume emissions from blasting at the project, to the satisfaction of the Director-General. 	<ul style="list-style-type: none"> <i>Guidelines for Use of Explosives in Open Cut Mines</i> (MDG1025) Explosives Management Plan 	Compliant	Bloomfield Collieries have implemented a Pre-Blast Checklist that must be completed by the Shot-firer prior to every blast. The checklist addresses shot tie-up design, weather conditions, fume and blast monitoring, and is followed up with a post-blast checklist. This procedure is consistent with best practice for blasting outlined in the <i>Guidelines for Use of Explosives in Open Cut Mines</i> (MDG1025).						
3/10	The Proponent shall not undertake blasting within 500 metres of any privately-owned land, unless suitable arrangements have been made with the landowner and any tenants to minimise the risk of fly rock-related impact to the property to the satisfaction of the Director-General.		Compliant	The Blast Monitoring Program (page 6) nominates a 500m exclusion zone around all blasts and the blasts are designed so there will be no damage to property, people or livestock.						
	Public Notice									

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3/11	<p>Proponent shall:</p> <p>a) notify the landowner/occupier of any residence within 2 kilometres of the mining area who registers an interest in being notified about the blasting schedule at the mine, or any other landowner nominated by the Director-General;</p> <p>b) operate a blasting hotline, or alternate system agreed to by the Director-General, to enable the public to get up-to-date information on the blasting schedule at the project;</p> <p>c) advertise the blasting hotline number in a local newspaper at least 4 times each year; and</p> <p>d) publish an up-to-date blasting schedule on its website, to the satisfaction of the Director-General.</p>	<ul style="list-style-type: none"> Letter re Blast Notification Bloomfield Collieries, 10 Nov 2009 Register of Landowners within 2km of Bloomfield Blasting Operations Bloomfield Colliery Completion of Mining and Rehabilitation Figure B – 2km Blasting Affection Zone, Sep 2009 	<p>a) Compliant</p> <p>b) Compliant</p> <p>c) Compliant</p> <p>d) Non-compliant</p>	<p>a) Bloomfield Collieries sent a letter to all property owners within 2 kms of the mining areas on 10 November 2009 to register for blast notification;</p> <p>b) Bloomfield established a blasting hotline (49302680)</p> <p>c) The blasting hotline is advertised on the local newspaper (The Advertiser) 4 times /year;</p> <p>d) Blasting information is included on the Bloomfield Collieries website: www.bloomcoll.com.au/bloomfield/bfield/BlasringInformation, but no blasting schedule is included.</p>
	Property Inspections			
3/12	<p>Proponent shall advise the owners of privately-owned land that they are entitled to a structural property inspection to establish the baseline condition of buildings and other structures on the property:</p> <p>a) within 2 months of the date of this approval, for properties within 2 kilometres of blasting operations occurring at the date of this approval; and</p> <p>b) at least 2 months prior to blasting within 2 kilometres of additional properties.</p> <p>If the Proponent receives a written request for a structural property inspection from any such landowner, the Proponent shall:</p> <ul style="list-style-type: none"> within 2 months of receiving this request commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Director-General, to inspect the condition of any building or structure on the land (prior to blasting taking place within 2 km of the property, if possible), and recommend measures to mitigate any potential blasting impacts; and give the landowner a copy of the property inspection. 	<ul style="list-style-type: none"> Letter from DoP re Approval of Structural Property Inspectors, 6 Nov 2009 Letter to Property Owners re Property Inspections for Blasting at Bloomfield Colliery, 30 Oct 2009 Register of Landowners within 2kms from Bloomfield Operations, Oct 2009 Property Inspection Report – 119 Valley View Lane Louth Park NSW, 24 Aug 2012 	<p>Compliant</p> <p>Compliant</p>	<p>Bloomfield Collieries notified all property owners by letter on 30 October 2009 within 2kms of the active blasting area by letter on 30 October 2009 that they were entitled to have a structural property inspection conducted in accordance with this condition.</p> <p>Bloomfield commissioned Lindsay Dyanan Pty Ltd to conduct an inspection of the residence and sub-floor area beneath the dwelling at 119 Valley View Lane South Park (a residence outside the 2km radius), following a request from the property owner. The report concluded that the defects to the timber flooring were consistent with the slight non-uniform movement of the reactive clay founding soils. No damage consistent with the effects of blasting were observed and blast ground vibration recordings were significantly below the level that could be expected to cause damage. A copy of the report was provided to the property owner.</p>
	Property Investigations			
3/13	<p>If any landowner of privately-owned land within 2 kms of blasting operations, or any other landowner nominated by the Director-General, claims that buildings and/or other structures on his/her land have been damaged as a result of blasting at the project after the date of this approval, the Proponent shall within 3 months of receiving this claim:</p> <p>a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Director-General, to investigate the claim; and</p> <p>b) give the landowner a copy of the property investigation report.</p>	<ul style="list-style-type: none"> Property Inspection Report – 119 Valley View Lane Louth Park NSW, 24 Aug 2012 	<p>Noted Compliant</p>	<p>Bloomfield commissioned Lindsay Dyanan Pty Ltd to conduct an inspection of the residence and sub-floor area beneath the dwelling at 119 Valley View Lane Louth Park (a residence outside the 2km radius), following a request from the property owner. The report concluded that the defects to the timber flooring were consistent with the slight non-uniform movement of the reactive clay founding soils. No damage consistent with the effects of blasting were observed and blast ground vibration recordings were significantly below the level that could be expected to cause damage.</p>

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	If this independent property investigation confirms the landowner's claim, and both parties agree with these findings, then the Proponent shall repair the damages to the satisfaction of the Director-General. If the Proponent or landowner disagrees with the findings of the independent property investigation, then either party may refer the matter to the Director-General for resolution. If the matter cannot be resolved within 21 days, the Director-General shall refer the matter to an Independent Dispute Resolution Process (see Appendix 5).			A copy of the report was provided to the property owner.															
3/14	Blast Monitoring Program The Proponent shall prepare and implement a Blast Monitoring Program for the project to the satisfaction of the Director-General. This program must: a) be submitted to the Director General for approval within 6 months of the date of this approval; and b) include a protocol for evaluating blasting impacts on, and demonstrating compliance with, the blasting criteria in this approval for all privately-owned residences and other structures.	<ul style="list-style-type: none"> Blast Monitoring Program, dated 31 May 2012 Letter to DoP re Management Plans Submitted for Approval, 25 Feb 2010 Letter to DP&I re Revised Management Plans, 4 Nov 2011 Email from DP&I with Comments on Blast Monitoring Program, 24 Apr 2012 Email to DP&I re Final Blast Monitoring Program, 6 Jun 2012 RCA Acoustics – Blast Results 	<p>Compliant</p> <p>Awaiting DP&I Approval</p> <p>a) Compliant</p> <p>b) Compliant</p>	<p>A final draft Blast Monitoring Program was prepared and submitted to the DoP on 24 February 2010. DoP provide comments on 24 April 2010 and a revised Final Blast Monitoring Program incorporating the DoP comments was completed on 9 August 2011. The Blast Monitoring Program was further revised on 31 May 2012.</p> <p>No response to the Blast Monitoring Program had been received from DP&I at the date of this audit</p> <p>a) Bloomfield prepared a Blast Monitoring program and submitted to DoP on 24 February 2010 within 6 months of the date of this approval;</p> <p>b) The Blast Monitoring Program included a Blast Protocol (page 6), and Evaluation of Blasting (page 9).</p>															
	AIR QUALITY																		
	Impact Assessment Criteria																		
3/15	The Proponent shall ensure that dust emissions generated by the project do not cause additional exceedances of the criteria listed in Tables 4 to 6 at any residence on privately-owned land, or on more than 25% of any privately-owned land. <i>Table 4: Long term impact assessment criteria for particulate matter</i> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>Criterion</th> </tr> </thead> <tbody> <tr> <td>Total suspended particulate (TSP) matter</td> <td>Annual</td> <td>90 µg/m³</td> </tr> <tr> <td>Particulate matter < 10 µm (PM₁₀)</td> <td>Annual</td> <td>30 µg/m³</td> </tr> </tbody> </table> <i>Table 5: Short term impact assessment criterion for particulate matter</i> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>Criterion</th> </tr> </thead> <tbody> <tr> <td>Particulate matter <</td> <td>24 hour</td> <td>50 µg/m³</td> </tr> </tbody> </table>	Pollutant	Averaging Period	Criterion	Total suspended particulate (TSP) matter	Annual	90 µg/m ³	Particulate matter < 10 µm (PM ₁₀)	Annual	30 µg/m ³	Pollutant	Averaging Period	Criterion	Particulate matter <	24 hour	50 µg/m ³		Noted	
Pollutant	Averaging Period	Criterion																	
Total suspended particulate (TSP) matter	Annual	90 µg/m ³																	
Particulate matter < 10 µm (PM ₁₀)	Annual	30 µg/m ³																	
Pollutant	Averaging Period	Criterion																	
Particulate matter <	24 hour	50 µg/m ³																	

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments								
	<p>10 µm (PM₁₀)</p> <p>Table 6: Long term impact assessment criterion for deposited dust</p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>Max increase in dep dust level</th> <th>Max total dep dust level</th> </tr> </thead> <tbody> <tr> <td>Deposited dust</td> <td>Annual</td> <td>2g/m/mth</td> <td>4g/m/mth</td> </tr> </tbody> </table>	Pollutant	Averaging Period	Max increase in dep dust level	Max total dep dust level	Deposited dust	Annual	2g/m/mth	4g/m/mth			
Pollutant	Averaging Period	Max increase in dep dust level	Max total dep dust level									
Deposited dust	Annual	2g/m/mth	4g/m/mth									
	Monitoring											
3/16	<p>The Proponent shall prepare and implement an Air Quality Monitoring Program for the project to the satisfaction of the Director-General. This program must:</p> <p>a) be prepared in consultation with OEH submitted to the Director-General for approval within 6 months of the date of this approval; and</p> <p>b) Include:</p> <ul style="list-style-type: none"> a combination of high-volume samplers and dust deposition gauges to monitor the dust emissions of the project and provision for additional real time monitoring if required in response to monitoring results and/or complaints; and an air quality monitoring protocol for evaluating compliance with the air quality impact assessment criteria in this approval 	<ul style="list-style-type: none"> Air Quality Monitoring Program, dated 31 May 2012 Letter to DoP re Management Plans Submitted for Approval, 25 Feb 2010 Letter to DP&I re Revised Management Plans, 4 Nov 2011 Email from DP&I with Comments on Blast Monitoring Program, 24 Apr 2012 Email to DP&I re Final Air Quality Monitoring Program, 6 Jun 2012 Email to DP&I re Revised Final Air Quality Monitoring Program, 6 Jun 2012 Envirodata Reports – Bloomfield Collieries Monthly Air Quality Monitoring Reports, AECOM 	<p>Complaint</p> <p>Awaiting DP&I Approval</p> <p>a)Complaint</p> <p>b)Compliant</p>	<p>A final draft Air Quality Monitoring Program was prepared in consultation with OEH and submitted to the DoP on 24 February 2010. DoP provided comments on 24 April 2010 and a revised Final Air Quality Monitoring Program incorporating the DoP comments was completed on 9 August 2011. The Air Quality Monitoring Program was further revised on 31 May 2012. No response to the Air Quality Monitoring Program had been received from DP&I at the date of this audit.</p> <p>a) Bloomfield prepared an Air Quality Monitoring Program and submitted to DoP on 24 February 2010 within 6 months of the date of this approval;</p> <p>b) The Air Quality Monitoring Program includes:</p> <ul style="list-style-type: none"> a combination of and ten (10) dust deposition gauges around the project area and a high-volume sampler located at Buttai to the south of the project area to monitor the dust emissions from the project activities (page 5) complaints procedure is provided (page 7) analysis of monitoring results and investigation and reporting exceedances are provided (page 7) 								
	METEOROLOGICAL MONITORING											
3/17	<p>During the project, the Proponent shall ensure there is a suitable continuously operating meteorological station on or adjacent to the site that complies with requirements in <i>Approved Methods for Sampling of Air Pollutants in New South Wales (DEC, 2007)</i>, or its latest version, to the satisfaction of the Director-General</p>	<ul style="list-style-type: none"> Envirodata Reports – Bloomfield Collieries Monthly Air Quality Monitoring Reports, AECOM 	Compliant	<p>Bloomfield Collieries contract Envirodata Weather Stations Pty Ltd to provide and maintain weather monitoring and equipment fir the Bloomfield mine site. The meteorological monitoring reports provide data on wind speed and direction, relative humidity, temperature, rainfall and evaporation. The weather data refreshes every 60 seconds.</p>								
	WASTE MANAGEMENT											
	Discharge											
3/18	<p>Except as may be expressly provided for by an EPL, or in accordance with section 120 of the <i>Protection of the Environment Operations Act 1997</i>, the Proponent shall not discharge any mine water from the site. However, water may be transferred between the site and the</p>	<ul style="list-style-type: none"> Donaldson/Abel Project Water Management Plan, March 2008 Bloomfield Colliery Water 	Noted	<p>A detailed surface water management model developed for the Abel Project in accordance with the Project Approval indicated that water generated from the Abel Underground Mine would exceed the requirements of the Abel Project operations and the</p>								

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	adjoining Donaldson Coal Mine and/or Abel Coal Mine, in accordance with any approved Water Management Plan (see below).	Management Plan, 31 May 2012		excess water would be utilised by transferring water to Bloomfield for the CHPP. The transfer of water to Bloomfield (Lake Kennerson) for use in the CHPP and/or for dust suppression was included in the Donaldson/Abel Water Management Plan approved by DoP 5 May 2008. Water management between the Bloomfield site and the adjoining Donaldson/Abel Project is also included in the Bloomfield Water Management Plan (Site Water Balance) dated 31 May 2012.
	Water Management Plan			
3/19	The Proponent shall prepare and implement a Water Management Plan for the project to the satisfaction of the Director-General. This plan must: <ul style="list-style-type: none"> a) be prepared in consultation with OEH and NOW and submitted to the Director-General for approval within 6 months of the date of this approval; b) be prepared by suitably qualified expert/s whose appointment/s have been approved by the Director-General; and c) include: <ul style="list-style-type: none"> • a Site Water Balance; • an Erosion and Sediment Control Plan; • a Surface Water Monitoring Plan; • a Ground Water Monitoring Program; and • a Surface and Ground Water Response Plan 	<ul style="list-style-type: none"> • Water Management Plan, dated 31 May 2012 • Letter from DoP Approving Extension of Submission Date for Water Management Plan, 10 Mar 2010 • Letter from DoP re Approval of Experts for Water Management Plan, • Letter to DoP re Management Plans Submitted for Approval, 25 Feb 2010 • Letter to DP&I re Revised Management Plans, 4 Nov 2011 • Email from DP&I with Comments on Water Management Plan, 20 Apr 2012 • Email to DP&I re Final Water Management Plan, 4 Jun 2012 	<ul style="list-style-type: none"> a)Compliant Awaiting DP&I Approval b)Compliant c)Compliant 	<ul style="list-style-type: none"> a) The Water Management Plan was prepared in consultation with OEH (EPA) and NOW and submitted to the DoP by 5 April 2010 (submission date extension approved by DoP). The Water Management Plan was revised and resubmitted in May 2012. No response to the Water Management Plan had been received from DP&I at the date of this audit; b) The Water Management Plan was prepared by experts approved by the Director-General DoP (Steve Perrens of Evans and Peck and Andy Fulton of Aquaterra); c) The Water Management Plans includes: <ul style="list-style-type: none"> • a Site Water Balance; • an Erosion and Sediment Control Plan; • a Surface Water Monitoring Plan; • a Ground Water Monitoring Program; and • a Surface and Ground Water Response Plan
	Site Water Balance			
3/20	The Site Water Balance must: <ul style="list-style-type: none"> a) include details of: <ul style="list-style-type: none"> • sources and security of water supply; • water use and management on site; • any off-site water transfers or discharges; and • reporting procedures; and b) describe measures to minimise water use by the project 	<ul style="list-style-type: none"> • Water Management Plan, 31 May 2012 • Water Management Plan – Site Water Balance, Evans and Peck, Mar 2012 	<ul style="list-style-type: none"> a)Compliant Awaiting DP&I Approval a)Compliant 	<ul style="list-style-type: none"> The Site Water Balance was developed by Evan and Peck as part of the Water Management Plan dated 31 May 2012. No response to the Water Management Plan had been received from DP&I at the date of this audit. a) The Site Water Balance includes: <ul style="list-style-type: none"> • sources and security of water supply (section 2 Groundwater Inflow, section 4.3 Water Storage, section 5 Catchment Runoff); • water use and management on site (section 4.4 Water Use); • any off-site water transfers or discharges (Table 1-2 Schematic Diagram of Catchment and Flows, section 2 Catchments and Pits); and • reporting procedures (section 6 Reporting Procedures; and

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
			b)Compliant	b) measures to minimise water use by the project section 4.4 Water Use.
	Erosion and Sediment Control			
3/21	The Erosion and Sediment Control Plan must: a) be consistent with the requirements of Managing Urban Stormwater: Soils and Construction (Volume 2E – Mines and Quarries) manual (OEH 2008), or its latest version; b) identify activities that could cause soil erosion and generate sediment; c) describe measures to minimise soil erosion and the potential for transport of sediment downstream; d) describe the location, function and capacity of erosion and sediment control structures; and e) describe what measures would be implemented to maintain the structures over time.	<ul style="list-style-type: none"> Water Management Plan, 31 May 2012 Erosion and Sediment Control Plan, GSS Environmental, Mar 2012 	<p>Compliant</p> <p>Awaiting DP&I Approval</p> <p>a)Compliant</p> <p>b)Compliant</p> <p>c)Compliant</p> <p>d)Compliant</p> <p>e)Compliant</p>	<p>The Erosion and Sediment Control Plan was prepared by GSS Environmental in March 2010 as part of the Water Management Plan.</p> <p>No response to the Water Management Plan had been received from DP&I at the date of this audit.</p> <p>The Erosion and Sediment Control Plan includes:</p> <p>a) The Erosion and Sediment Control Plan (and Mining Operations Plan include the requirements of <i>Managing Urban Stormwater: Soils and Construction (Volume 2E – Mines and Quarries) Manual (EPA 2008)</i> – refer to section 3 of this Audit Report for additional comment;</p> <p>b) Section 1.5 describes Sources of Erosion and Sedimentation;</p> <p>c) Section 2 describes Erosion and Sediment Control practices and structures;</p> <p>d) Section 2.2 Long Term Erosion and Sediment Control; section 2.3 Short Term Erosion and Sediment Control and Figure 1 Erosion and Sediment Control Plan describe and show erosion and sediment control structures at commencement of Stage 2 operation;</p> <p>e) Section 4 describes General Maintenance and Monitoring.</p>
	Surface Water Monitoring			
3/22	The Surface Water Monitoring Program must include: a) detailed baseline data on surface water flows and quality in creeks and other water bodies that could potentially be affected by the project; b) surface water and stream health impact assessment criteria; c) a program to monitor the impact of the project on surface water flows, water quality and stream health; and d) reporting procedures for the results of the monitoring program.	<ul style="list-style-type: none"> Water Management Plan, 31 May 2012 Surface Water Monitoring and Response Plan, Evans and Peck, Mar 2010 	<p>Compliant</p> <p>Awaiting DP&I Approval</p> <p>a)Compliant</p> <p>b)Compliant</p> <p>c)Compliant</p>	<p>The Surface Water Monitoring Program 31 March 2010 was prepared by Evans and Peck as part of the Water Management Plan.</p> <p>No response to the Water Management Plan had been received from DP&I at the date of this audit.</p> <p>The Surface Water Monitoring Program includes:</p> <p>a) section 1.2 Baseline Data provides information on Elwells Creek and Buttai Creek;</p> <p>b) section 1.3 addresses Surface Water and Stream Health Impact Assessment Criteria;</p> <p>c) section 1.1 Surface Water Monitoring Program provides an outline of the monitoring program and Table 2 provide Routine Water Quality Monitoring Frequency and</p>

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
				d) Parameters; section 2.2 Reporting Procedures outlines the report contents.
	Groundwater Monitoring			
3/23	The Groundwater Monitoring Program must include: a) further development of the regional and local groundwater model; b) detailed baseline data to benchmark the natural variation in groundwater levels, yield and quality (including at any privately owned bores in the vicinity of the site); c) groundwater impact assessment criteria; d) a program to monitor the impact of the project on groundwater levels, yield, quality, groundwater dependent ecosystems and riparian vegetation; e) procedures for the verification of the groundwater model; a f) reporting procedures for the results of the monitoring program and model verification.	<ul style="list-style-type: none"> Water Management Plan, 31 May 2012 Groundwater Management Plan, Aquaterra, 25 Mar 2010 	<p>Compliant</p> <p>Awaiting Approval from DP&I</p> <p>a)Compliant</p> <p>b)Compliant</p> <p>c)Compliant</p> <p>d)Compliant</p> <p>e)Compliant</p> <p>f)Compliant</p>	The Groundwater Management Plan was prepared by Aquaterra for the Bloomfield Colliery as part of the Water Management Plan. No response to the Water Management Plan had been received from DP&I at the date of this audit. The Groundwater Management Plan includes: a) section 2.1 Further Development of the Regional and Local Groundwater Model; b) section 2.2 Baseline Data; c) section 2.3 Impact Assessment Criteria; d) section 2.4 Monitoring Program; e) section 2.5 Model Verification; f) section 2.6 Reporting Procedures
	Surface and Groundwater Response Plan			
3/24	The Surface and Groundwater Response Plan must describe the measures and/or procedures that would be implemented to: a) investigate, notify and mitigate any exceedances of the surface water, stream health and ground water impact assessment criteria; b) compensate landowners of privately-owned land whose water supply is adversely affected by the project; and c) mitigate and/or offset any adverse impacts on groundwater dependent ecosystems or riparian vegetation	<ul style="list-style-type: none"> Water Management Plan, 31 May 2012 Surface Water Monitoring and Response Plan, Evans and Peck, Mar 2010 	<p>Compliant</p> <p>Awaiting Approval from DP&I</p> <p>a)Compliant</p> <p>b)Compliant</p> <p>c)Compliant</p>	The Surface and Groundwater Response Plan was prepared by Evans and Peck as part of the Water Management Plan. No response to the Water Management Plan had been received from DP&I at the date of this audit. The Surface and Groundwater Response Plan describes: a) section 1.3 addresses Surface Water and Stream Health Impact Assessment Criteria, and section 1.4 Water Quality Trigger Values; b) section 2.1 Response Actions; and c) section 2 Response Plan.
	LANDSCAPE MANAGEMENT			
	Rehabilitation			
3/25	The Proponent shall progressively rehabilitate the site in a manner that is generally consistent with the final land form set out in the EA to the satisfaction of the DRE and the Director-General. <i>Note: the conceptual final landform is shown in Appendix 4</i>		Noted	
	Landscape Management Plan			

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3/26	<p>The Proponent shall prepare and implement a detailed Landscape Management Plan for the project to the satisfaction of the Director-General and DRE. This plan must:</p> <p>a) be prepared in consultation with OEH by suitably qualified expert/s whose appointment/s have been approved by the Director-General; and</p> <p>b) include a:</p> <ul style="list-style-type: none"> Rehabilitation Management Plan to be submitted to the Director-General for approval within 6 months of the date of this approval; Final Void Management Plan to be submitted to the Director-General for approval by 30 June 2013; and Mine Closure Plan to be submitted to the Director-General for approval by 30 June 2012. 	<ul style="list-style-type: none"> Landscape Management Plan (revised), 15 Jun 2011 Letter from DoP re Approval of Appointment of Experts to Prepare Plans, 16 Dec 2009 Letter to DECCW re Landscape Management Plan, 28 Apr 2010 Letter to DoP re Landscape Management Plan and Rehabilitation Management Plan, 3 Mar 2010 Email to OER re Landscape Management Plan and Rehabilitation Management Plan, 3 May 2010 Letter to DP&I re revised Landscape Management Plan, 4 Nov 2011 Letter to DP&I re revised Rehabilitation Management Plan, 4 Nov 2011 Email to DP&I re Mine Closure Plan for Approval, dated 28 Jun 2012 Email to DP&I re Final Void Management Plan for Approval, dated 13 Jun 2012 	<p>Compliant</p> <p>Awaiting DP&I Approval</p> <p>a)Compliant</p> <p>b)Compliant</p>	<p>The Landscape Management Plan was submitted to DoP on 3 March 2010 for approval. The Landscape Management Plan was revised and submitted to the DoP on 4 November 2011 and further revised and submitted to DP&I on 13 June 2012 (with Final Void Management Plan). A revised Land Disturbance Management Plan dated 10 October 2012 was submitted to DP&I including management of Aboriginal Heritage and Permit to Disturb.</p> <p>No response to the Landscape Management Plan had been received from DP&I at the date of this audit.</p> <p>a) John Hindmarsh and Keren Halliday were approved by the Director-General on 16 Dec 2009;</p> <p>b) The Final Draft Landscape Management Plan was prepared and submitted to DoP on 28 June 2010. The Landscape Management Plan includes:</p> <ul style="list-style-type: none"> The final draft Rehabilitation Management Plan was submitted to DoP on 28 February 2010 (i.e. within 6 months of the Project Approval); A Final Void Management Plan was submitted to DP&I on 13 Jun 2012;and Mine Closure Plan were submitted to DP&I on 28 Jun 2012 following comments received from NSW T&I.
	Rehabilitation Management Plan			
3/27	<p>The Rehabilitation Management Plan must include:</p> <p>a) the rehabilitation objectives for the site;</p> <p>b) a description of the short, medium, and long term measures that would be implemented to:</p> <ul style="list-style-type: none"> rehabilitate the site; and manage the remnant vegetation and habitat on the site; <p>c) performance and completion criteria for the rehabilitation of the site;</p> <p>d) a detailed description of the measures that would be implemented over the next 3 years, including the procedures to be implemented for:</p> <ul style="list-style-type: none"> minimising and rehabilitating disturbed areas; protecting vegetation and soil outside the disturbance areas; undertaking pre-clearance surveys; managing impacts on fauna; landscaping the site to minimise visual impacts; conserving and reusing topsoil; 	<ul style="list-style-type: none"> Landscape Management Plan (revised), 15 Jun 2011 Rehabilitation Management Plan, 15 Jun 2011 	<p>Compliant</p> <p>Awaiting Approval from DP&I</p> <p>a)Compliant</p> <p>b)Compliant</p> <p>c)Compliant</p> <p>d)Compliant</p> <p>e)Compliant</p>	<p>A draft Rehabilitation Management Plan was submitted to DoP on 28 February 2010 (i.e. within 6 months of the Project Approval) and the Rehabilitation Management Plan was revised and resubmitted on 15 June 2011..</p> <p>No response from DP&I re the Rehabilitation Management Plan had been received by Bloomfield at the date of this audit February 2013).</p> <p>The Rehabilitation Management Plan includes:</p> <p>a) Rehabilitation Aim and Objectives (page 9) and Appendix A – Rehabilitation Objectives (page A.4);</p> <p>b) Rehabilitation Approach (page 8) and Table 2</p> <p>c) Rehabilitation Indicators and Completion Criteria (page 10) and Assessment Program (page 14);</p> <p>d) Table 2 Rehabilitation Objectives and Criteria outlines the measures and timing to be implemented over 3 years (Appendix A pages A.3 to A.9);</p> <p>e) Monitoring Protocol (page 13) and Appendix A Monitoring</p>

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	<ul style="list-style-type: none"> collecting and propagating seed for rehabilitation works; salvaging and reusing material from the site for habitat enhancement; controlling weeds and feral pests; controlling access; and bushfire management; e) a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria; f) a description of the potential risks to successful rehabilitation and/or revegetation, and a description of the contingency measures that would be implemented to mitigate these risks; and g) details of who would be responsible for monitoring, reviewing, and implementing the plan.		f)Compliant g)Compliant	Methodology (page A.9); f) Rehabilitation Indicators and Completion Criteria (page 10) and Assessment Program (page 14); g) Roles and Responsibilities (page 8)
	Final Void Management Plan			
3/28	The Final Void Management Plan must: a) justify the final location and future use of the final void; b) incorporate design criteria and specifications for the final void based on verified groundwater modelling predictions and a re-assessment of post-mining groundwater equilibration; and c) describe what actions and measures would be implemented to: <ul style="list-style-type: none"> minimise any potential adverse impacts associated with the final void; and manage and monitor the potential impacts of the final void. 	<ul style="list-style-type: none"> Landscape Management Plan (revised), 15 Jun 2011 Final Void Management Plan, 13 Jun 2012 Email to DP&I re Final Void Management Plan for Approval, dated 13 Jun 2012 	Compliant Awaiting DP&I Approval a)Compliant b)Compliant c)Compliant	The Final Void Management Plan was prepared part of the Landscape Management Plan and sub mitted to DP&I on 13 June 2012. No response to the Landscape Management Plan had been received from DP&I at the date of this audit (February 2013). The Final Void Management Plan include: a) Location of the final void (page 7); b) Design Criteria for Final Void – Groundwater Model (page 8); c) Actions and measures to be implemented are described in: <ul style="list-style-type: none"> Potential Impacts of Final Void (page 9) and Monitoring of Final Void (page 11).
	Mine Closure Plan			
3/29	The Mine Closure Plan must: a) be prepared in consultation with DRE and Council; b) define the objectives and criteria for mine closure; c) investigate options for the future use of the site in a manner consistent with the Lower Hunter Regional Strategy (Department of Planning, 2006) and/or other extant regional planning strategies; d) investigate ways to minimise the adverse socio-economic effects associated with mine closure, including reduction in local employment levels; e) describe the measures that would be implemented to minimise or manage the ongoing environmental effects of the project; and f) describe how the performance of these measures would be	<ul style="list-style-type: none"> Landscape Management Plan (revised), 15 Jun 2011 Email to Cessnock Council re Mine Closure Plan, 1 Jun 2012 Email to DP&I re Mine Closure Plan for Approval, dated 28 Jun 2012 Lower Hunter Regional Strategy (DoP, 2006) 	Compliant Awaiting DP&I Approval a)Compliant b)Compliant c)Compliant d)Compliant	The Mine Closure Plan was prepared part of the Landscape Management Plan and submitted to DoP on 28 June 2012. No response to the Landscape Management Plan had been received from DP&I at the date of this audit (February 2013) The Mine Closure Plan 28 June 2012 includes: a) The Mine Closure Plan was prepared in consultation with DRE and Cessnock Shire Council ; b) Purpose and Objectives (page 5) c) Future Land Use Options (page 8-9) with reference to Lower Hunter Regional Strategy (DoP, 2006),The Ashtonfield Agreement, and Stony Pinch Consortium; d) Socioeconomic Effects of Mine Closure (page 10); e) Post-closure Management Measures (page 11); f) Post-closure Monitoring (page 12).

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	monitored over time.		e)Compliant f)Compliant	
	Biodiversity Offsets			
3/29A	By 31 December 2011, the Proponent shall make suitable arrangements to provide appropriate long-term security for the Biodiversity Offset Area (see Appendix 6) to the satisfaction of the Director-General.	Certificate of Title, DP1170348 Lot 2371, Registered 5 Jan 2012	Compliant	A Certificate of Title for Lot 2371 DP1170348, LGA Cessnock, Parish of Ellalong, County of Northumberland, was registered on 5 January 2012 to Four Mile Pty Ltd with Second Schedule condition of Restriction of Use of Land. The land defined in the Certificate of Title is consistent with Appendix 6 of the Project Approval.
	Biodiversity Offset Management Plan			
3/29B	By 31 December 2011, the Proponent shall prepare and implement a Biodiversity Offset Management Plan to the satisfaction of the Director-General. This plan must: a) be generally consistent with OEH's "Principles for the use of biodiversity offsets in NSW"; b) include: • a description of the short, medium and long term measures that would be undertaken to implement the Biodiversity Offset Strategy; • detailed performance and completion criteria for the Biodiversity Offset Strategy; and • a detailed description of the measures that would be implemented within the Biodiversity Offset Area for: – revegetation and regeneration, including (where relevant) establishment of canopy, sub- canopy, understorey and ground cover; – appropriate protection, conservation and management of native vegetation and faunal habitat; – controlling weeds and feral pests; – management of public access; and – bushfire management	Biodiversity Offset Management Plan, dated 20 Oct 2011 Letter to DP&I re Biodiversity Offset Management Plan, 7 Nov 2011	Compliant Awaiting DP&I Approval a)Compliant b)Compliant	The Biodiversity Offset Management Plan was prepared and submitted to DP&I on 7 November 2011 for approval. No response to the Biodiversity Offset Management Plan had been received from DP&I at the date of this audit (February 2013) The Biodiversity Offset Management Plan: a) references the "Principles for the use of biodiversity offsets in NSW" OEH; b) includes: • Short, Medium and Long-term Measures (pages 6-7); • Performance and Completion Criteria (page 7); • Description of the measures that would be implemented within the Biodiversity Offset Area for: – Regeneration (page 8); – Protection, Conservation and Management (page 8); – Weeds and Feral Pests (page 8); – Public Access (page 9); – Bushfire Management (page 9)
	Conservation Bond			
3/29C	Within 6 months of the approval of the Biodiversity Offset Management Plan, the Applicant shall lodge a conservation bond with the Department to ensure that the Biodiversity Offset Strategy is implemented in accordance with the performance and completion criteria of the Biodiversity Offset Management Plan. The sum of the bond shall be determined by:	• Letter from DoP re Approval of Conservation Funding, 22 Apr 2010 • Bloomfield Remittance of Contribution to Stanford Merthyr Crown Reserve – First Payment 21 May 2010	Not yet activated	The Biodiversity Offset Management Plan submitted to DP&I on 7 November 2011 had not been approved by DP&I at the date of this audit. The conservation bond is not require to be lodged with the DP&I until 6 months after approval of the Biodiversity Offset Management Plan.

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	<p>a) calculating the full remaining cost of implementing the offset strategy; and</p> <p>b) employing a suitably qualified quantity surveyor to verify these costs,</p> <p>to the satisfaction of the Director-General.</p> <p>If the Biodiversity Offset Strategy is completed to the satisfaction of the D-G, the D-G will release the conservation bond. If the Biodiversity Offset Strategy is not completed to the satisfaction of the Director-General, the D-G will call in all or part of the conservation bond, and arrange for the satisfactory completion of the relevant works.</p>	<ul style="list-style-type: none"> Bloomfield Remittance of Contribution to Stanford Merthyr Crown Reserve – Second Payment 17 Jun 2011 		
	Conservation Funding			
3/30	<p>Within 6 months of the date of this approval, and again prior to 30 September 2011, the Proponent shall provide contributions of \$20,000 to conservation projects within the Cessnock LGA, in consultation with OEH and to the satisfaction of the Director-General.</p>	<ul style="list-style-type: none"> Bloomfield Remittance of Contribution to Stanford Merthyr Crown Reserve – First Payment 21 May 2010 Bloomfield Remittance of Contribution to Stanford Merthyr Crown Reserve – Second Payment 17 Jun 2011 	Compliant	<p>Bloomfield received approval from DoP on 22 April 2010 for the provision of funding for conservation projects in the Cessnock local government area. The approved funding was provided to the NSW Land and Property Management Authority for the Stanford Merthyr Crown Reserve Rehabilitation Project. Contributions of \$20,000 for the Stanford Merthyr Crown Reserve were made by Bloomfield in accordance with the approval of the funding obtained from the Director-General on 22 April 2010.</p>
	HERITAGE			
	Aboriginal Cultural Heritage Management Plan			
3/31	<p>The Proponent shall prepare and implement an Aboriginal Cultural Heritage Management Plan for the project to the satisfaction of the Director-General. This plan must:</p> <p>a) be prepared in consultation with the OEH and the local Aboriginal community and be submitted to the D-G for approval within 6 months of the date of this approval;</p> <p>b) include a protocol for the ongoing consultation and involvement of Aboriginal communities in the conservation and management of Aboriginal heritage on site; and</p> <p>c) describe the measures that would be implemented to protect Aboriginal sites on site, or if any new Aboriginal objects or skeletal remains are discovered during the project.</p>	<ul style="list-style-type: none"> Aboriginal Cultural Heritage Management Plan, dated 25 May 2010 Letter Aboriginal Cultural Heritage Management Plan, Mindaribba Local Aboriginal Land Council, 30 Apr 2010 Letter to DoP re Aboriginal Cultural Heritage Management Plan, 5 May 2010 Letter from DoP re Approval of Aboriginal Cultural Heritage Management Plan, 27 May 2010 	Compliant	<p>a) The Aboriginal Cultural Heritage Management Plan was prepared by Bloomfield, and reviewed and endorsed by the Mindaribba Local Aboriginal Land Council.</p> <p>b) The section on Aboriginal Community (page 7) provides for ongoing consultation and involvement of Aboriginal communities in the conservation and management of Aboriginal heritage on site;</p> <p>c) Onsite Aboriginal Heritage (pages 7 to12) provide guidance in relation to the measures that would be implemented to protect Aboriginal sites on site, or if any new Aboriginal objects or skeletal remains are discovered during the project activities.</p>
	VISUAL			
3/32	<p>The Proponent shall:</p> <p>a) take all reasonable and feasible measures to mitigate visual and off-site lighting impacts of the project; and</p> <p>b) ensure that all external lighting associated with the project complies with Australian Standard AS4282 (INT) 1995 – Control</p>	AS4282 1995 – Control of Obtrusive Effects of Outdoor Lighting	Compliant	<p>Mining activities occur within the open pits and overburden placement during night time works occurs on low dump areas to minimise potential for light impact on off-site receivers from operational light sources.</p>

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	of Obtrusive Effects of Outdoor Lighting, to the satisfaction of the Director-General.			
	GREENHOUSE GAS			
	Energy Saving Action Plan			
3/33	The Proponent shall prepare and implement an Energy Savings Action Plan for the project to the satisfaction of the Director-General. This plan must: <ol style="list-style-type: none"> be prepared in accordance with the Guidelines for Energy Savings Action Plans (DEUS, 2005), or its latest version, and be submitted to the Director-General for approval within 6 months of the date of this approval; include consideration of energy use by mobile equipment; include a program to monitor the effectiveness of measures to reduce energy use on site. 	<ul style="list-style-type: none"> Energy Savings Action Plan, 8 Jul 2011 Letter to DP&I re Energy Savings Action Plan, 31 Mar 2010 Letter to DP&I re Energy Savings Action Plan, 4 Nov 2011 	Compliant	The Energy Saving Action Plan was prepared and implemented by Bloomfield as part of the EMS for the project: <ol style="list-style-type: none"> The Energy Saving Action Plan was prepared and submitted to the DoP within 6 months of the date of this Project Approval; consideration of energy use by mobile equipment is addressed in several sections of the plan; a program to monitor the effectiveness of measures to reduce energy use on site System Review and Improvement (page 11)
	WASTEMINIMISATION			
3/34	The Proponent shall: <ol style="list-style-type: none"> monitor the amount of waste generated by the project; investigate ways to minimise waste generated by the project; implement all reasonable and feasible measures to minimise waste generated by the project; and report on waste management and minimisation in the AEMR, to the satisfaction of the Director-General. 	<ul style="list-style-type: none"> 2011-2012 Annual Environmental, Management Report Australian Waste Oil Refineries – Collection Records General waste and Oil Filter Waste Records, Transpacific Cleanaway Pty Ltd 	Compliant	Management of waste from the Bloomfield site is contracted to Transpacific Waste that supply 1.5m ³ and 3m ³ waste bins for the segregation, collection and disposal of: <ul style="list-style-type: none"> General waste Paper and cardboard Oil filters Old paint drums. Waste oil from scheduled maintenance of mining equipment and the workshop oil separator is collected in a storage tank and periodically evacuated for reprocessing and re-use by Australian Waste Oil Refineries.
	SCHEDULE 4 ADDITIONAL PROCEDURES		Not activated	
	NOTIFICATION OF LANDOWNERS			
4/1	If the results of the monitoring required in schedule 3 Identify that impacts generated by the project are greater than the relevant impact assessment criteria, except where a negotiated agreement has been entered into in relation to that impact, then the Proponent shall, within 2 weeks of obtaining the monitoring results, notify the Director-General, the affected landowners and Tenants (including tenants of mine owned properties) accordingly, and provide quarterly monitoring results to each of these parties until the results show that the project is complying with the criteria in schedule 3.		Not activated	
4/2	If the results of monitoring required in schedule 3 identify that impacts generated by the project are greater than the relevant air quality impact assessment criteria in schedule 3, then the Proponent		Not activated	

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	shall send the relevant landowners and tenants (including tenants of mine owned properties) a copy of the NSW Health fact sheet entitled "Mine Dust and You" (and associated updates) in conjunction with the notification required in condition 1.			
	INDEPENDENT REVIEW			
4/3	<p>If a landowner considers the project to be exceeding the impact assessment criteria in schedule 3, then he/she may ask the Director-General in writing for an Independent review of the impacts of the project on his/her land.</p> <p>If the Director-General is satisfied that an independent review is warranted, the Proponent shall within 2 months of the Director-General's decision:</p> <ol style="list-style-type: none"> consult with the landowner to determine his/her concerns; commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Director-General, to conduct monitoring on the land, to: <ul style="list-style-type: none"> determine whether the project is complying with the relevant impact assessment criteria in schedule 3; and identify the source(s) and scale of any impact on the land, and the project's contribution to this impact; and give the Director-General and landowner a copy of the independent review. 		Not activated	
4/4	<p>If the independent review determines that the project is complying with the relevant impact assessment criteria in schedule 3, then the Proponent may discontinue the Independent review with the approval of the Director-General.</p> <p>If the independent review determines that the project is not complying with the relevant impact assessment criteria in schedule 3, and that the project is primarily responsible for this non-compliance, then the Proponent shall:</p> <ol style="list-style-type: none"> take all reasonable and feasible measures, in consultation with the landowner, to ensure that the project complies with the relevant criteria and Conduct further monitoring to determine whether these measures ensure compliance; or secure a written agreement with the landowner to allow exceedances of the relevant criteria, to the satisfaction of the Director-General. <p>If further monitoring under paragraph (a) determines that the project is complying with the relevant criteria, then the Proponent may discontinue the independent review with the approval of the Director-General.</p>		Not activated	

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
4/5	<p>If the independent review determines that the relevant impact assessment criteria in schedule 3 are being exceeded, but that more than one mine is responsible for this non-compliance, then the Proponent shall, together with the relevant mine/s:</p> <p>a) implement all reasonable and feasible measures, in consultation with the landowner, to ensure that the relevant impact assessment criteria are complied with, and conduct further monitoring to determine whether these measures ensure compliance; or</p> <p>b) secure a written agreement with the landowner and other relevant mines to allow exceedances of the relevant impact assessment criteria in schedule 3, to the satisfaction of the Director-General.</p> <p>If the further monitoring referred to under paragraph (a) above determines that the project is complying with the relevant impact assessment criteria in schedule 3, then the Proponent may discontinue the independent review with the approval of the Director-General.</p>		Not activated	
	SCHEDULE 5 ENVIRONMENTAL MANAGEMENT, MONITORING, REPORTING AND AUDITING			
	ENVIRONMENTAL MANAGEMENT			
	Environmental Management Strategy			
5/1	<p>The Proponent shall prepare and implement an Environmental Management Strategy for the project, to the satisfaction of the Director-General. The strategy must:</p> <p>a) be submitted to the Director-General for approval within 6 months of the date of this approval;</p> <p>b) provide the strategic framework for environmental management of the project;</p> <p>c) identify the statutory approvals that apply to the project;</p> <p>d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;</p> <p>e) describe the procedures that would be implemented to:</p> <ul style="list-style-type: none"> • keep the local community and relevant agencies informed about the operation and environmental performance of the project; • receive, handle, respond to, and record complaints; • resolve any disputes that may arise during the course of the project; • respond to any non-compliance; and 	<ul style="list-style-type: none"> • Environmental Management Strategy (revised), dated 9 Jun 2011 • Letter to DP&I re Revised Environmental Management Strategy, 25 Feb 2010 • Letter to DP&I re Revised Environmental Management Strategy, 4 Nov 2011 	Compliant	<p>The Environmental Management Strategy was prepared and submitted to the DoP on 25 February 2010. The EMS was revised on 4 November 2011 and resubmitted to DP&I:</p> <p>a) The EMS was submitted to the Director-General within 6 months of the date of this Project Approval;</p> <p>b) The EMS provides the strategic framework for environmental management of the project (page 3);</p> <p>c) Statutory approvals for the project are outlined in Statutory Obligations (page 5), Approved Development (page 6) and Project Approval (page 8);</p> <p>d) Roles and Responsibilities (page 9);</p> <p>e) Procedures to be implemented are:</p> <ul style="list-style-type: none"> • Public Awareness (page 10); • Public Awareness - Complaints (page 10); • Non-Compliance (page 11); • Emergency Procedures and Incident Response (page 11); <p>f) Relationship with Other Plans (page 5);</p> <p>g) Monitoring (page 10)</p>

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	<ul style="list-style-type: none"> • respond to emergencies; f) copies of the various strategies, plans and programs that are required under the conditions this approval once they have been approved; and g) a clear plan depicting all the monitoring to be carried out in relation to the project 			
	Management Plan Requirements			
5/2	<p>The Proponent shall ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include:</p> <p>a) detailed baseline data;</p> <p>b) a description of:</p> <ul style="list-style-type: none"> • the relevant statutory requirements (including any relevant approval, licence or lease conditions); • any relevant limits or performance measures / criteria; • the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures; <p>c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;</p> <p>d) a program to monitor and report on the:</p> <ul style="list-style-type: none"> • impacts and environmental performance of the project; • effectiveness of any management measures (see (c) above); <p>e) a contingency plan to manage any unpredicted impacts and their consequences;</p> <p>f) a program to investigate and implement ways to continually improve the environmental performance of the project over time;</p> <ul style="list-style-type: none"> • a protocol for managing and reporting any: <ul style="list-style-type: none"> • incidents; • complaints; • non-compliances with statutory requirements; and • exceedances of the impact assessment criteria and/or performance criteria; and <p>g) a protocol for periodic review of the plan.</p>	<p>Environmental Management Strategy, Land Management Plan, 10 Oct 2012 Rehabilitation Management Plan, Final Void Management Plan, Mine Closure Plan, Water Management Plan Site Water Balance</p>	<p>Compliant</p> <p>(refer to specific Project Approval conditions for Management Plan comments)</p>	<p>The Bloomfield Management Plans have been prepared to address the requirements of this condition:</p> <p>Each Management Plan has:</p> <p>a) Baseline data is provided in the EA for the Completion of Mining and Rehabilitation (November 2008) and where relevant included in the management plans;</p> <p>b) Each Management Plan includes:</p> <ul style="list-style-type: none"> • a section on Statutory Obligations and Project Approval conditions; • relevant limits or performance measures / criteria specified in conditions of approval are included where relevant(e.g. air quality, water quality, noise, vibration); • performance indicators are proposed where practicable to assess performance of, or guide the implementation of, the project management measures (e.g. air quality, water quality, noise, vibration); <p>c) Control Measures are tabulated in relevant Management Plans (e.g. air quality, water quality, noise, vibration);</p> <p>d) Monitoring to assess impacts and environmental performance of the project are included in each Management Plan;</p> <p>e) Contingency plans to manage any unpredicted impacts and their consequences from the project are outlined in the EMS and included in relevant Management Plans;</p> <p>f) Continual Improvement section is included in each Management Plan including:</p> <ul style="list-style-type: none"> • Incidents and complaints are addressed in section on Investigation and Reporting of Exceedances and Community Complaints; • Non-compliance and exceedances are addressed in Monitoring sections; <p>g) A section on Systems Review, Document Management and Continual Improvements provides for periodic review of the Management Plans.</p> <p>h)</p>


Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	Annual Review			
5/3	<p>Each year, the Proponent shall review the environmental performance of the project to the satisfaction of the Director-General. This review must:</p> <p>a) describe the works that were carried out in the past year, and the works that are proposed to be carried out over the next year;</p> <p>b) include a comprehensive review of the monitoring results and complaints records of the mine complex over the past year, which includes a comparison of these results against:</p> <ul style="list-style-type: none"> • the relevant statutory requirements, limits or performance measures/criteria; • the monitoring results of previous years; and • the relevant predictions in the EA; <p>c) identify any non-compliance over the last year, and describe what actions were (or are being) taken to ensure compliance;</p> <p>d) identify any trends in the monitoring data over the life of the project;</p> <p>e) identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and</p> <p>f) describe what measure will be implemented over the next year to improve the environmental performance of the project.</p>	<ul style="list-style-type: none"> • Guidelines and Format for Preparation of an Annual Environmental Management Report, DT&I EDG03 • 2011-2012 Annual Environmental Management Report • 2010-2011 Annual Environmental Management Report • 2009-2010 Annual Environmental Management Report 	Non-compliant	<p>The annual reports prepared by Bloomfield have been in the format of the Annual Environmental Management Reports in accordance with the Guidelines and Format for Preparation of an Annual Environmental Management Report:</p> <p>a) section 2 Operations during the Reporting Period</p> <p>b) section 3 Environmental Management and Performance. Monitoring data is tabulated against the regulatory standards/criteria for the current year, but not the comparison with data from the previous years;</p> <p>c) Non-compliant results are highlighted and the final section under each aspect includes proposed actions to be taken during the next year;</p> <p>d) Trends in monitoring data over the life of the project are not included in the AEMR;</p> <p>e) Predictions from the EA are not included in the AEMR, so discrepancies between the predicted and actual impacts and potential causes of the discrepancies are not included in the AEMR.</p> <p>f) section 6 Activities Proposed in the Next AEMR Period</p> <p>The annual reporting of environmental performance should follow the requirements of Project Approval Schedule 5 condition 3 in the form of an Annual Review report.</p>
	Revision of Strategies, Plans and Programs			
5/4	<p>Within three months of:</p> <p>a) the submission of an annual review under Condition 3 above;</p> <p>b) the submission of an incident report under Condition 6 below;</p> <p>c) the submission of an audit report under Condition 7 below, or</p> <p>d) any modification of the conditions of this approval (unless the conditions require otherwise),</p> <p>the Proponent shall review, and if necessary revise, the strategies, plans, and programs required under this approval to the satisfaction of the Director-General.</p> <p><i>Note: This is to ensure that strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.</i></p>		Noted	
	Community Consultation Committee			
5/4	<p>Within 3 months of the date of this approval, the Proponent shall establish a Community Consultative Committee (CCC) for the project to the satisfaction of the Director-General. The CCC must be</p>	<p>CCC Meeting Minutes, 3 May 2010</p> <p>CCC Meeting Minutes, 23 Aug 2010</p> <p>CCC Meeting Minutes, 29 Nov 2010</p>	Compliant	<p>A Community Consultative Committee (CCC) was established for the project and the first meeting held on 3 May 2010. The CCC is operated in general accordance with the Guidelines for</p>

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	operated in general accordance with the Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects (Department of Planning, 2007, or its latest version). <i>Note: The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Proponent complies with this approval. In accordance with the Guideline, the Committee should comprise an independent chair and appropriate representation from the Proponent, affected Councils, recognised environmental groups and the general community.</i>	CCC Meeting Minutes, 28 Feb 2011 CCC Meeting Minutes, 16 May 2011 CCC Meeting Minutes, 19 Sep 2011 CCC Meeting Minutes, 2 May 2012 CCC Meeting Minutes, 30 Jul 2012		Establishing and Operating Community Consultative Committees for Mining Projects (Department of Planning, 2007. Minutes of the CCC Meetings are posted on the website. The CCC has an independent Chairperson approved by the Director-General (Margaret MacDonald-Hill) and community and Cessnock City Council representatives.
	INCIDENT REPORTING			
5/5	The Proponent shall notify the Director-General and any other relevant agencies of any incident associated with the project as soon as practicable after the Proponent becomes aware of the incident. Within 7 days of the date of the incident, the Proponent shall provide the Director-General and any relevant agencies with a detailed report on the incident.		Noted	
	INDEPENDENT ENVIRONMENTAL AUDIT			
5/6	Every 3 years, unless the Director-General directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. This audit must: a) be conducted by suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Director-General; b) include consultation with the relevant agencies; c) assess the environmental performance of the project and assess whether it is complying with the requirements in relevant project approvals and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals); d) review the adequacy of strategies, plans or programs required under these approvals; and e) recommend appropriate measures or actions to improve the environmental performance of the mine complex, and/or any assessment, plan or program required under these approvals. <i>Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Director-General.</i>	<ul style="list-style-type: none"> Consolidated Project Approval Modification granted May 2011 Environment Protection Licence No. 396, dated 2 Dec 2011 Consolidated Coal Lease No. 761 	Compliant	This Independent Environmental Audit has been conducted 3 years after the granting of the Project Approval on 3 September 2009: a) Director-General of DP&I approved Trevor Brown & Associates on 6 December 2012 to conduct the Independent Environmental Audit of the Bloomfield operations; b) Consultation with DRE & OEH/EPA did not result in any special requirements for the audit. DP&I required a noise expert to be part of the audit team – Spectrum Acoustics Neil Pennington was included in the audit team; c) Assessment of environmental performance of the project against Project Approval conditions (Attachment A) and Statements of Commitments from the EA (Attachment B), EPL 396 conditions (Attachment C) and Mining Lease conditions (Attachment E) are provided; d) Review strategies / plans / programs for adequacy (refer to section 3 of this Independent Environmental Audit Report); e) Measures and/or actions to improve environmental performance (refer to section 5 Conclusions of this Independent Environmental Audit Report).
5/7	Within 6 weeks of the completion of this audit, or as otherwise agreed by the D-G, the Proponent shall submit a copy of the audit report to the Director-General, together with its response to any recommendations contained in the audit report.		Noted	

Condition No.	Project Approval Condition	Verification Documentation	Compliance Status	Comments
	ACCESS TO INFORMATION			
5/8	<p>From the end of 2009, the Proponent shall make the following information publicly available on its website:</p> <p>a) a copy of all current statutory approvals for the project;</p> <p>b) a copy of the current environmental management strategy and associated plans and programs;</p> <p>c) a summary of the monitoring results of the project, reported in accordance with the various plans and programs approved under the conditions of this approval;</p> <p>d) a complaints register, updated on a monthly basis;</p> <p>e) a copy of the minutes of CCC meetings;</p> <p>f) a copy of any Annual Reviews (over the last 5 years);</p> <p>g) a copy of any Independent Environmental Audit, and the Proponent's response to the</p> <p>h) recommendations in any audit; and</p> <p>i) any other matter required by the Director-General.</p>	<p>www.bloomcoal.com.au/bloomfield</p>	Compliant	<p>Bloomfield provides the required information outlined in this condition on its website: www.bloomcoal.com.au/bloomfield/bfield/Environment The website has the following headings i=under the Environment tab:</p> <ul style="list-style-type: none"> • Overview • Energy Efficiency Opportunities Report • Approvals • Environmental Reports • Management Plans (approved) • Environmental Assessment • Blasting Information • CCC Information • Complaints Register • News and Updates

ATTACHMENT B

STATEMENT OF COMMITMENTS (SOC) BLOOMFIELD COAL PROJECT

SoC No.	Statement of Commitment	Verification Documentation	Compliance Status	Comment
1	General			
1.1	Bloomfield Collieries Pty Limited ('Bloomfield') will carry out the proposed development generally in accordance with this Part 3A Environmental Assessment ('EA'). If there is any inconsistency between this draft Statement of Commitments and the EA, the draft Statement of Commitments will prevail to the extent of the inconsistency.	ENVIRONMENTAL ASSESSMENT s.1.4 Mining operations at Bloomfield Colliery have previously been carried out pursuant to existing use rights. The introduction of Part 3A of the EP&A Act in 2005 effectively required Bloomfield to obtain ministerial approval to continue mining and undertake site rehabilitation.	Compliant	<i>This SoC is addressed in Project Approval Schedule 2 conditions 2 and 3.</i> The Bloomfield Colliery development is being carried out generally in accordance with the Environmental Assessment ('EA') and documents identified in Project Approval Sch. 2 condition 2.
1.2	Bloomfield will undertake mining within the Project Area, as defined by Figure 2 of the EA. The Project Area includes the following items and their associated mining activities: <ul style="list-style-type: none"> • Current and proposed active open cut coal mining areas; • Unshaped and shaped overburden dump areas within the Project Area; • Workshop and surrounding area used for maintenance and fuel storage; • Road linking the current and proposed coal mining areas with the ROM coal stockpiles adjacent to the coal washery; and • Road linking the current and proposed coal mining areas to the workshop. 	ENVIRONMENTAL ASSESSMENT s.1.1 Bloomfield Colliery ('Colliery') is an existing open cut mining operation located to the north of John Renshaw Drive, Buttai and east of Buchanan Road, Buchanan, approximately 20 km north-west of Newcastle. Bloomfield Colliery is located within Consolidated Coal Lease 761 ('CCL761'), granted under the Mining Act 1992, and mining operations are carried out in accordance with Environmental Protection Licence 396 ('EPL 396') issued under the Protection of the Environment Operations Act 1997, and a Mining Operations Plan ('Bloomfield MOP'). ENVIRONMENTAL ASSESSMENT s.2.1 Bloomfield washery (also referred to as the Coal Handling and Preparation Plant, or 'CHPP') and rail loading facility ('RLF') operations, including associated water management and process waste management, does not form part of this Project. These operations were approved by the Minister for Planning on 7 June 2007 as part of the Abel Project Approval.	Compliant	

SoC No.	Statement of Commitment	Verification Documentation	Compliance Status	Comment
2	Production			
2.1	A maximum of 0.88 mtpa of ROM coal will be mined from the Bloomfield Mine during Stage 1 with a maximum of 1.3 mtpa ROM coal mined during Stages 2 to 4.	ENVIRONMENTAL ASSESSMENT s.2.5 The area to be mined is located in the south-western section of CCL761 and corresponds to the area contained within the current Bloomfield MOP. The proposed mining sequence and stages are described and shown in EA Figures 6 to 10.	Compliant	<i>This SoC is addressed in Project Approval Schedule 2 condition 6.</i> ROM coal extracted in 2010 to 2012 was <1.3mtpa: Jul 2010 to Jun 2011 - 874,829 tonnes Jul 2011 to Jun 2012 - 803,029 tonnes
2.2	Active mining will occur over 4 stages, which total approximately 10 to 12 years. The final 5 th stage is the completion of site rehabilitation.	<ul style="list-style-type: none"> • Stage 1 (current mining-2007-2008 period) – (Figure 6): Mining consists of two active open cut pits referred to as ‘S Cut’ and ‘Creek Cut’; • Stage 2 (approximately Years 1-5) – (Figure 7): Mining in S Cut will advance to the west and north, while mining in Creek Cut advances in a southerly direction; • Stage 3 (approximately Years 5 to 7) – (Figure 8): Mining in S Cut continues north and west, whilst mining in Creek Cut continues southwards, eventually joining to create one pit; • Stage 4 (approximately Years 7 to 10) – (Figure 9): Completion of mining in Creek Cut and western extensions of S Cut; and • Stage 5 (approximately Years 10 to 12) – (Figure 10): Post Mining Rehabilitation. 	Compliant Ongoing	<i>This SoC is addressed in Project Approval Schedule 2 condition 5:</i> Mining operations may take place on the site until 31 December 2021.
2.3	All Run-of-Mine (‘ROM’) coal will be transported by internal haul roads to the approved ROM coal stockpiles at the Bloomfield washery.	ENVIRONMENTAL ASSESSMENT s.2.6.1 The exposed coal seam is then ripped and pushed up with dozers, loaded onto coal trucks and transported to the ROM coal stockpile via internal haul roads.	Compliant	All Run-of-Mine (‘ROM’) coal will be transported by internal haul roads to the approved ROM coal stockpiles at the Bloomfield coal handling and preparation plant (CHPP)..
3	Hours of Operation			
3.1	Bloomfield Mine will operate 24 hours per day, seven days per week.	ENVIRONMENTAL ASSESSMENT s.2.4 The Colliery operates 7 days per week, 24 hours per day. Approval is sought to continue the current hours of operation. The environmental assessment studies undertaken for the Project are based on these hours of operation.	Compliant	<i>This SoC is addressed in Project Approval Schedule 2 condition 7.</i> The Bloomfield Coal operations are conducted 24hours/day, 7 days/week.
4	Rehabilitation			
4.1	All site rehabilitation, including monitoring and maintenance will be undertaken in accordance with procedures documented in the EA and the existing Bloomfield Rehabilitation Management System.	ENVIRONMENTAL ASSESSMENT s3.2 Bloomfield Colliery currently undertakes site rehabilitation in accordance with its documented LRMS, developed in accordance with guidelines issued by the DPI.	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 27.</i> Bloomfield Colliery developed a Rehabilitation Management Plan for mining completion on CCL 761 that is consistent with the Mining Operations Plan for the Project. The Rehabilitation Management Plan picks up the components of the Bloomfield Group Rehabilitation Management System.
4.2	Any additional rehabilitation requirements and plans for this Project will be included in the existing Bloomfield Rehabilitation Management System.	The LRMS will form the basis for continuing rehabilitation of the Bloomfield Project Area. A Rehabilitation Plan for Bloomfield Colliery is appended to the LRMS and incorporates	Compliant	

SoC No.	Statement of Commitment	Verification Documentation	Compliance Status	Comment
4.3	Land that has been mined will be rehabilitated to a safe and stable form with a land capability similar to that existing prior to mining, and with a landform compatible with the surrounding landscape.	commitments made in the current Bloomfield MOP. ENVIRONMENTAL ASSESSMENT s.3.3.2 <ul style="list-style-type: none"> Rehabilitated land will be safe and stable; Land capability will be returned to a class similar to that existing prior to the commencement of mining; and Mined land will be re-contoured to a landform compatible with the surrounding natural landscape. 	Compliant Ongoing	A Land Management Plan prepared for the Bloomfield Colliery Project takes account of the final land use proposals for the surrounding adjacent mines and plans rehabilitation to be stable and compatible with the surrounding landscape.
4.4	Post mining landform and land use plans will be developed in consultation with the landowner and with reference to the objectives of the Lower Hunter Regional Strategy (DoP, 2006).	ENVIRONMENTAL ASSESSMENT s.3.6.1 Selection of an appropriate post-mining land use and development of a suitable post mining landform is an integral part of the Project.	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 28 and 29.</i> A Mine Closure Plan has been prepared by Bloomfield as part of the Land Management Plan.
5	Final Void			
5.1	The final void will be retained for the deposition of washery reject material in accordance with the Abel Project Approval.	ENVIRONMENTAL ASSESSMENT s.3.5 The final void will be at the northern extension of S Cut where it will join with Creek Cut open pit void. The final void will remain as part of an active disposal site for reject material from the washery, approved under the Abel Project. Abel Project Approval condition 34 WASTE Disposal of Tailings and Coarse Reject 34. The Proponent shall ensure that the: (a) <u>fine tailings generated by the project are disposed of within existing underground workings or open cut pits on the Bloomfield site;</u> and (b) <u>coarse rejects generated by the project are disposed of within existing open cut pits on the Bloomfield site,</u> to the satisfaction of the Director-General.	Compliant Ongoing	<i>This SoC is addressed in Project Approval Schedule 3 condition 28.</i> The Final Void Management Plan for the Bloomfield Colliery open cut mine has been prepared part of the Land Management Plan. A final void will be made available for the disposal of coarse rejects and tailings from the Bloomfield CHPP (that will be processing Abel Project Coal), after the Bloomfield Colliery open cut mining is complete.
5.2	Rehabilitation of the final void forms part of the Abel Project Approval. However, rehabilitation of the tailings filled void at the completion of the Abel Project will remain the responsibility of Bloomfield as outlined in the Draft Bloomfield Closure and Rehabilitation Strategy (Abel).	Letter to DoP, 11/5/09 Abel Underground Mine Part 3A Environmental Assessment, Vol.1 section 2.13.2 - Decommissioning and Rehabilitation after Completion of Mining: <i>"Rehabilitation will be undertaken in accordance with DPI guidelines which require the Bloomfield Mine Operations Plan, required as a condition of the Bloomfield mining lease, to provide details on proposed outcomes to be achieved through rehabilitation and final landform."</i>	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 28.</i> SoC 20.3 addresses the same commitment The Final Void Management Plan for the Bloomfield Colliery open cut works has been prepared as part of the Landscape Management Plan, and the Mining Operations Plan 2011-2016 has been prepared and approved.
6	Environmental Management Strategy and Plans			
6.1	Bloomfield's existing environmental management systems, plans and procedures will be applied to this Project and will be amended where relevant to incorporate additional	ENVIRONMENTAL ASSESSMENT s.2.8 Bloomfield Mining Operations Environmental Management System ('EMS') has been developed	Compliant	<i>This SoC is addressed in Project Approval Schedule 5 condition 1.</i> The Bloomfield Colliery mining project operates under

SoC No.	Statement of Commitment	Verification Documentation	Compliance Status	Comment
	items required to manage, mitigate, or monitor impacts associated with this Project.	generally in accordance with ISO 14001 principles. This EMS, systems and procedures will continue to be applied to Project operations, until the completion of mining.		the Bloomfield Mining Operations Environmental Management System and the Environmental Management Strategy prepared under Project Approval Schedule 5 condition 1.
7	Environmental Monitoring and Reporting			
7.1	Bloomfield will undertake ongoing environmental monitoring as detailed in this EA.	ENVIRONMENTAL ASSESSMENT s.2.8 The Bloomfield Mining Operations Environmental Management System ('EMS') has been developed generally in accordance with ISO 14001 principles.	Compliant	Environmental monitoring of the Bloomfield Colliery operations occurs in accordance with the Integrated Environmental Monitoring Program (Abel December 2007) and the Monitoring programs developed under Project Approval 08_087 conditions.
7.2	Bloomfield will implement and participate in the actions required for the Integrated Environmental Monitoring Program (IEMP) that forms part of the Abel Project Approval and which includes elements of the Bloomfield Project.	ENVIRONMENTAL ASSESSMENT s.2.8, s.2.12, and s.15.2 Bloomfield operations are also included in the Integrated Environmental Monitoring Program ('IEMP') (refer Section 2.12) relating to the adjacent Abel and Donaldson operations. Systems have been established to ensure procedures are communicated, implemented and reported. Integration of this Project with adjacent operations has been a key consideration in mine planning and in all impact assessment studies. ENVIRONMENTAL ASSESSMENT s.15.2 The approved Abel Project Area included land that is also within the Bloomfield Project Area. The integrated water management system that manages water across the Abel, Donaldson and Bloomfield projects formed part of the Abel Project approval and is located across all three sites. The use of the Bloomfield final voids and previous mine areas for rejects disposal from the Bloomfield washery also formed part of the Abel Project approval.	Compliant	Bloomfield Colliery monitoring programs are consistent with the Integrate Environmental Monitoring Program (Abel Project December 2007), with additional monitoring locations included in the Air Quality / Water /Blast/Noise Monitoring Programs to supplement the integrated program for the Bloomfield activities.
7.3	An Annual Environmental Management Report ('AEMR') will be prepared and forwarded to relevant government departments, including DoP. The AEMR will include a summary of all monitoring undertaken during the year, including a discussion of any exceedances and responses taken to ameliorate these exceedances.	ENVIRONMENTAL ASSESSMENT s.4.3.2 Bloomfield will be required to submit Annual Environmental Management Reports ('AEMR') documenting annual environmental performance in relation to the MOP commitments.	Compliant	This SoC is addressed in Project Approval Schedule 5 condition 3. The annual reports prepared by Bloomfield have been called Annual Environmental Management Reports. NB: This annual reporting of environmental performance should follow the requirements of Project Approval Schedule 5 condition 3 in the form of an Annual Review report.
8	Consultation			
8.1	Bloomfield will continue to consult with the local community throughout the life of the Project.	ENVIRONMENTAL ASSESSMENT s.5 A community consultation program was developed early in the Project to inform the surrounding community of the Project and involve them in the consideration of issues.	Compliant	This SoC is addressed in Project Approval Schedule 5 condition 4. A Community Consultative Committee (CCC) was established for the project and the first meeting held on 3 May 2010. CCC Meetings are held 3 times a year or as

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8.2	A specific representative of Bloomfield will be nominated and contact details provided so that members of the community may contact the mine with questions or complaints if required.	ENVIRONMENTAL ASSESSMENT s.5 Consultation with government authorities and the local community has been undertaken throughout the planning phase for the Completion of Mining and Rehabilitation at Bloomfield.	Compliant	required. A 24 hour Community Hotline and email address is provided on the Bloomfield website for members of the community to contact the mine with questions or complaints. A specific representative of Bloomfield should be nominated on the website with the Hotline number.
8.3	A record of any complaints received regarding the Project will be retained by Bloomfield for the duration of the Project.		Compliant	This SoC is addressed in EPL 396 condition M4.3. All complaints records are retained by Bloomfield Group in accordance with the EPL condition M4.
9	Flora and Fauna			
9.1	A Flora and Fauna Management Plan will be developed and implemented prior to any clearing occurring as part of the Project.	Land Disturbance Management Procedure, 4 Oct 2007, Attachment Bloomfield Group Permit to Disturb Land Disturbance Management Procedure, 10 Oct 2012	Compliant	The Bloomfield Group Permit to Disturb (pre-clearance survey) Attachment to the Land Disturbance Management Procedure would be implemented prior to any vegetation clearance that is required. The Land Disturbance Management Procedure (dated 10 October 2012) outlines the controls to be implemented to manage and record disturbance to native vegetation, minimise any associated risk to native fauna populations, and control and record disturbance to Aboriginal artefacts (if encountered).
9.2	The existing Bloomfield pre-clearance protocol will be implemented prior to any clearing occurring as part of the Project.	ENVIRONMENTAL ASSESSMENT s.7.6 and s.7.7 The following measure should be implemented to minimise any impact associated with this loss: <ul style="list-style-type: none"> Prepare and implement a pre-clearance protocol; 	Compliant (but not currently applicable)	No vegetation clearance has occurred for the Bloomfield Colliery operations between 2010 and 2012. The Bloomfield Group Permit to Disturb (pre-clearance survey) would be implemented prior to any vegetation clearance that is required.
9.3	Bloomfield will commit to commensurate support to the value of \$20,000 for a local activity or program related to biodiversity, to be commenced within the first two years of mining.	ENVIRONMENTAL ASSESSMENT s.7.6 and s.7.7 Response to Submissions (29/1/09) and DECC meeting minutes (30/4/09). The following measure should be implemented to minimise any impact associated with this loss: <ul style="list-style-type: none"> Provide commensurate support of a relevant DECC approved research program in response to the loss of any of the 0.8 ha of Lower Hunter Spotted Gum – Ironbark Forest EEC. Initial discussion with DECC has indicated that a suitable strategy could be the contribution by Bloomfield to research appropriate to the conservation of this EEC community in the Hunter Region. 	Compliant	This SoC is addressed in Project Approval Schedule 2 condition 14 and Schedule 3 condition 30. Contributions of \$20,000 for the Stanford Merthyr Crown Reserve were made by Bloomfield in accordance with the approval of the funding obtained from the Director-General on 22 April 2010.
10	Aboriginal Heritage			
10.1	An Aboriginal Heritage Management Plan ('AHMP') will be prepared in prior to any Project impacts occurring. This Plan will specify the policies and actions required to	ENVIRONMENTAL ASSESSMENT s.8.8 An Aboriginal Heritage Management Plan ('AHMP') will be formulated in consultation with the relevant	Compliant	This SoC is addressed in Project Approval Schedule 3condition 31. The Aboriginal Heritage Management Plan was prepared

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	mitigate and manage the potential impacts of the Project on Aboriginal heritage. The plan will include: <ul style="list-style-type: none"> Procedures for ongoing Aboriginal consultation and involvement; Mitigation measures for the identified and potential Aboriginal evidence; Management procedures for any previously unrecorded evidence or skeletal remains; Training for relevant staff and contractors in their roles and responsibilities under the AHMP Review of the plan. 	Aboriginal stakeholders (Mandaribba LALC, Lower Hunter Wonnarua Council and Awabakal Traditional Owners Aboriginal Corporation) prior to any Project impacts occurring, to specify the policies and actions required to mitigate and manage the potential impacts of the proposal on Aboriginal heritage. The plan will include procedures for ongoing Aboriginal consultation, mitigation measures for the identified and potential Aboriginal evidence, and management procedures for any previously unrecorded evidence or skeletal remains.		by South East Archaeology Ltd for Bloomfield Colliery and reviewed and endorsed by the Mandaribba Local Aboriginal Land Council (LALC). The section on Aboriginal Community (page 7) provides for ongoing consultation and involvement of Aboriginal communities in the conservation and management of Aboriginal heritage on site; and Onsite Aboriginal Heritage (pages 7 to12) provides guidance in relation to the measures that would be implemented to protect Aboriginal sites on site, or if any new Aboriginal objects or skeletal remains are discovered during the project activities. The Aboriginal Cultural Heritage Management Plan was submitted to and endorsed by DECCW, and approved by the Director-General of DoP on 27 May 2010.
10.2	The AHMP will include a program of salvage to be undertaken in the Project Area with representatives of Mandaribba LALC collecting identified stone artefacts from sites B2, B16, B18, B19, B20 and B22 prior to any development impacts occurring.		Compliant	<i>This SoC is addressed in Project Approval Schedule 3condition 31.</i> Aboriginal sites identified in the EA during the Project Approval process were salvaged in accordance with the ACHMP. Representatives from Mandaribba LALC participated and monitored the process ahead of preparation for mining activities. In all, 34 artefacts were salvaged and are being stored with the Mandaribba LALC.
10.3	Should any skeletal remains be detected during the Project, work in that location will cease immediately and the finds will be reported to the appropriate authorities, including the Police, OEH and Mandaribba LALC.	ENVIRONMENTAL ASSESSMENT s.8.8 The AHMP will include procedures for ongoing Aboriginal consultation, mitigation measures for the identified and potential Aboriginal evidence, and management procedures for any previously unrecorded evidence or skeletal remains.	Not activated	<i>This SoC is addressed in Project Approval Schedule 3condition 31.</i> The Aboriginal Cultural Heritage Management Plan page 10 describes the process to be followed in the event of and human skeletal remains are encountered. No human skeletal remains have been found during the 2009-2012 period
10.4	In the event that Aboriginal objects are located during the Project, a protocol to ascertain the value of such finds, in consultation with the Aboriginal community representatives and a qualified archaeologist will be implemented and used to inform any management decision. OEH will be informed of any finds using the appropriate site recording cards.		Compliant Ongoing	<i>This SoC is addressed in Project Approval Schedule 3condition 31.</i> The Aboriginal Cultural Heritage Management Plan page 8 describes the process to be followed in the event of new Aboriginal heritage items being discovered. OEH would be notified within 15 working days via lodgement of a site record for any new Aboriginal heritage evidence that is identified within the project area or for any changes to existing recorded sites (for example, after salvage collection). An updated site record will be lodged with OEH for any sites subject to salvage. The results of any salvage actions will be documented and reported to OEH and the Mandaribba LALC.



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10.5	Further consultation with and continued involvement of Mindaribba LALC will be continued throughout the Project, in relation to the contents and recommendations of Aboriginal Heritage studies.	ENVIRONMENTAL ASSESSMENT s.8.8 Bloomfield will continue to consult with and involve the registered Aboriginal stakeholders, particularly the LALC's, in the ongoing management of the heritage resources within the Project Area as per the AHMP.	Compliant Ongoing	<i>This SoC is addressed in Project Approval Schedule 3 condition 31.</i> Bloomfield will manage ongoing consultation with the Mindaribba LALC in accordance with OEH requirements and with advice from a heritage expert.
11	Noise Management and Monitoring			
11.1	A Noise Management Plan will be prepared and implemented for the Project. The Plan will include mitigation and monitoring requirements for the Project.	ENVIRONMENTAL ASSESSMENT s.9.2 Selecting an appropriate noise management strategy for the Project involved the following steps: <ul style="list-style-type: none"> • Determining the noise reduction required to achieve Project-specific noise levels; • Identifying the specific characteristics of the industry and the site that would indicate a preference for specified measures; • Examining the mitigation strategies chosen by similar industries on similar sites with similar requirements for noise reduction; and considering that strategy's appropriateness for the subject development; • Considering the range of noise-control measures available; and • Considering community preferences for particular strategies. 	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 4.</i> A Noise Monitoring Program for the project was prepared in consultation with OEH submitted Director-General approval. The Noise Monitoring Program includes a combination of unattended and attended monitoring measures; and a noise monitoring protocol for evaluating compliance with the noise impact assessment criteria in this approval.
11.2	The following noise controls will be implemented to achieve noise criteria identified in this EA: During Year 1 (End of Stage 1): <ul style="list-style-type: none"> • The excavator and dump site will be situated in a shielded location during night-time operation; • No dozer operation at the drill location will occur during night and morning shoulder periods; and • The front end loader will replace the dozer at the dump site during the night-time period unless 4 dBA of noise suppression is achieved. During Year 5 (End of Stage 2): <ul style="list-style-type: none"> • The excavator and dump site will be situated in a shielded location during night-time operation; • No dozer operation at the drill location will occur during night and morning shoulder periods; and • The front end loader will replace the dozer at the dump site during the night-time period unless 4 dBA of noise suppression is achieved. During Year 10 (End of Stage 4): <ul style="list-style-type: none"> • The excavator and dump site will be situated in a shielded location during night-time operation; and 	ENVIRONMENTAL ASSESSMENT s.9.5 The following noise controls will be implemented to achieve noise criteria identified in this EA: During Year 1 (End of Stage 1): <ul style="list-style-type: none"> • The excavator and dump site will be situated in a shielded location during night-time operation; • No dozer operation at the drill location will occur during night and morning shoulder periods; and • The front end loader will replace the dozer at the dump site during the night-time period unless 4 dBA of noise suppression is achieved. During Year 5 (End of Stage 2): <ul style="list-style-type: none"> • The excavator and dump site will be situated in a shielded location during night-time operation; • No dozer operation at the drill location will occur during night and morning shoulder periods; and • The front end loader will replace the dozer at the dump site during the night-time period unless 4 dBA of noise suppression is achieved. During Year 10 (End of Stage 4): <ul style="list-style-type: none"> • The excavator and dump site will be situated in 	Compliant	Stage 1 controls have been implemented for the Bloomfield mining operations: <ul style="list-style-type: none"> • Night time operations are only conducted within the active pits or on the lower overburden emplacement locations to shield off-site receivers from noise impacts. Stage 2 (i.e. Year 5 to 10) to Stage 4 (i.e. Year 10) are not activated until after 2015, but the same noise mitigation measures will be implemented to maintain the protection of off-site receivers from any night time activities.

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	<ul style="list-style-type: none"> No dozer operation at the drill location will occur during the night period. 	<ul style="list-style-type: none"> a shielded location during night-time operation; and No dozer operation at the drill location will occur during the night period. 		
11.3	Noise complaints received will be dealt with in accordance with Bloomfield's existing complaints protocol.	ENVIRONMENTAL ASSESSMENT s.2.8	Compliance	<i>This SoC is addressed in EPL 396 condition M4.3.</i> All noise complaints records are dealt with under the Bloomfield Group Complaints Procedures and in accordance with the EPL condition M4.
12	Blasting			
12.1	Bloomfield will continue to consult with nearby residents regarding their blasting program, consistent with current practice and the Shot Firing and Explosives Management Plan	ENVIRONMENTAL ASSESSMENT s.2.8 Bloomfield Environmental Policy <ul style="list-style-type: none"> Consult with the community and relevant government bodies with regard to environmental performance, obligations and issues, as appropriate to their interests." 	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 11.</i> Bloomfield Collieries sent a letter to all property owners within 2 kms of the mining areas on 10 November 2009 to register for blast notification. Bloomfield established a blasting hotline (4930 2680) advertised in the local newspaper (The Advertiser) four (4) times /year, and blasting information is included on the Bloomfield Collieries website.
12.2	Blasting will only be undertaken during the hours of 9.00 am to 5.00 pm Monday to Saturday. Blasting will not occur on Sundays or Public Holidays	ENVIRONMENTAL ASSESSMENT s.9.8 Times and Frequency of Blasting Blasting should only generally be permitted during the hours of 9.00 am to 5.00 pm Monday to Saturday. Blasting should not take place on Sundays or Public Holidays. Blasting should generally take place no more than once per day.	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 7.</i> Blasting on the Bloomfield site has only occurred between 9 am and 5 pm Monday to Saturday, with no blasting allowed on Sundays and Public Holidays (Blast Monitoring Program page 5).
12.3	Blasts will be designed in consideration of vibration and airblast limits, wind speed and direction.	ENVIRONMENTAL ASSESSMENT s.9.8 In order to predict the levels of blast emissions (ground vibration and airblast) at the surrounding receivers from the Project, the measured ground vibration and airblast levels from recent blasting operations conducted in 2006 and 2007 were used to develop blast emissions site laws for each of the three stages of mine development considered, assuming current blasting practice.	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 5 and 6; EPL conditions L4.2 and L4.3; and CCL condition 10.</i> All blasts are designed in accordance with the requirements in the Explosives Management Plan and Blast Monitoring Program. Blast design is planned to manage the vibration and airblast impact within regulatory criteria (refer to Project Approval Schedule 3 conditions 5 and 6, EPL condition L4.2 and 4.3, and CCL condition 10.
12.4	Blast monitoring will be conducted over the life of the mine in accordance with requirements provided by the Shot Firing and Explosives Management Plan.	Explosives Management Plan, 20 Nov 2012 Blast Monitoring Program 31 May 2012.	Compliant	<i>This SoC is addressed in EPL conditions M7.1</i> Blast management is addressed in the Explosives Management Plan including Blast Fume Management Strategy. Blast monitoring is conducted on each blast as described in the Blast Monitoring Program 31 May 2012.
12.5	All relevant personnel will be trained in Bloomfield's environmental obligations in relation to blasting controls.	ENVIRONMENTAL ASSESSMENT s.2.8 Blasting will only be conducted in accordance with requirements provided in the Shot Firing and Explosives	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 conditions 9 and 10</i> Bloomfield Collieries have implemented a Pre-Blast

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		Management Plan		Checklist that must be completed by the Sho-firer prior to very blast. The checklist addresses shot tie-up design, weather conditions, fume and blast monitoring, and is followed up with a post-blast checklist. This procedure is consistent with best practice for blasting outlined in the Guidelines for Use of Explosives in Open Cut Mines (MDG1025). The Bloomfield Colliery Induction Training – Environmental Obligations includes blasting controls.
13	Air quality			
13.1	An Air Quality Monitoring Program will be prepared and implemented for the Project. The Air Quality Monitoring Program will include monitoring at locations as described in the EA.	ENVIRONMENTAL ASSESSMENT s.2.12 Due to the proximity of other mining operations, relevant impact assessment studies (i.e. air quality and noise) have considered cumulative impact as part of their studies. An Integrated Environmental Monitoring Program ('IEMP') developed as part of the Abel Project Approval has been approved by DoP and is currently being implemented as described	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 16.</i> A final draft Air Quality Monitoring Program was prepared in consultation with OEH and submitted to the DoP on 24 February 2010. DoP provided comments on 24 April 2010 and a revised Final Air Quality Monitoring Program incorporating the DoP comments was completed on 9 August 2011. The Air Quality Monitoring Program was further revised on 31 May 2012.
13.2	Dust generation on the Project Area will be minimised by implementation of the following: <ul style="list-style-type: none"> All vehicles will be operated according to Mine Transport Management Plan, which requires vehicles to remain on specified routes; Disturbed areas will be minimised where possible; Dust suppression water spraying will be used on all active haul roads and stockpile areas where required; All mobile equipment will be maintained in good working order; Adequate stemming will be used in blast holes; and Meteorological conditions will be considered in the timing of blasts to minimise impacts of blast generated dust 	ENVIRONMENTAL ASSESSMENT s.2.8 The Bloomfield Mining Operations Environmental Management System ('EMS') has been developed generally in accordance with ISO 14001 principles. It contains an Environmental Policy as well as relevant environmental systems and procedures to guide current operations. This EMS, systems and procedures will continue to be applied to Project operations, until the completion of mining.	Compliant	Air Quality Monitoring Program (page 5): Dust minimisation management measures to be utilised at Bloomfield Colliery include: <ul style="list-style-type: none"> The use of predictive meteorological modeling software program which incorporates regional weather station data and forecasts to predict daily weather events that may exacerbate dust impacts from planned operations; Utilisation of real-time on site weather station data to assist in planning decisions; Limiting speed limits of all vehicles on internal roads; Minimising drop heights from equipment for loading and dumping operations; Minimising overburden haul road haulage distances; Utilising water carts to minimise dust impacts on all active areas where equipment is in operation; Rehabilitating disturbed areas as soon as practical following completion of mining operations; and Utilising in pit dumps during periods of high winds.
14	Greenhouse Gas Monitoring and Energy Efficiency			
14.1	Bloomfield will assess the viability of improving energy efficiency and reducing greenhouse gas emissions from its operations, including the mining fleet, stationary equipment and mining processes.	ENVIRONMENTAL ASSESSMENT s.10.9 Bloomfield is currently registered as a participant in the Federal Government Energy Efficiency Opportunities ('EEO') and Greenhouse Challenge Plus programs. An	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 33.</i> Bloomfield Colliery have prepared an Energy Saving Action Plan submitted to the DoP on 31 March 2010,

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14.2	Bloomfield will monitor greenhouse gas emissions in accordance with the requirements of the current EEO and Greenhouse Challenge Plus programs and comply with any reporting requirements under the NGER Act 2007.	Assessment and Reporting Schedule has been prepared under the EEO program and an Energy Assessment of open cut operations will be undertaken in accordance with the commitments made in that schedule. The EEO Energy Assessment will document current and proposed initiatives for the efficient supply and management of energy usage, as well as procedures for the reporting and management of greenhouse gases resulting from Scope 1 and 2 emissions.	Compliant	within 6 months of the date of this Project Approval The Bloomfield Group submits and annual greenhouse gas emissions report in accordance with the National Greenhouse Emissions Reporting Act 2007.
15	Surface Water Management			
15.1	Surface water management for the Project will be undertaken in accordance with Bloomfield's existing Environmental Water Management System ('EWMS'). The EMWS will be modified to address the additional requirements for this Project provided in the Draft Water Management Plan (Appendix H).	ENVIRONMENTAL ASSESSMENT s.2.8 and s.11.5 The water management systems that support the existing and proposed mining at Bloomfield are part of the Integrated Water Management System (IWMS) provided for the Bloomfield, Abel and Donaldson mines as part of the Abel Project Approval. The draft Surface Water Management Plan is consistent with the IWMS. New pits and sediment dams proposed as part of the Project will be operated in the same way as the S Cut pit is currently operated and will not require any new facilities other than a small sediment dam constructed near the western boundary of the Project Area for Stage 3.	Compliant	This SoC is addressed in Project Approval Schedule 3 condition 19. The Water Management Plan was prepared in consultation with OEH (EPA) and NOW and submitted to the DoP by 5 April 2010 (submission date extension approved by DoP). The Water Management Plan was prepared by experts approved by the Director-General DoP (Steve Perrens of Evans and Peck and Andy Fulton of Aquaterra);
15.2	An Erosion and Sediment Control Plan will be prepared that will form part of the EWMS.	ENVIRONMENTAL ASSESSMENT s.2.8, s.11.3 and s.11.5 An Erosion and Sediment Control Plan ('ESCP') will be implemented to ensure that no undue pollution of receiving waters occurs during the Project. The ESCP will be prepared in accordance with guidelines in <i>Managing Urban Stormwater: Soils and Construction</i> (Landcom 2004) and <i>Managing Urban Stormwater Soils and Construction - Volume 2E: Mines and Quarries</i> (DECC 2008).	Compliant	This SoC is addressed in Project Approval Schedule 3 condition 21. An Erosion and Sediment Control Plan was prepared by GSS Environmental in March 2010 as part of the Bloomfield Water Management Plan. The Erosion and Sediment Control Plan and Mining Operations Plan for the Bloomfield Colliery address the components of the guidelines for <i>Managing Urban Stormwater: Soils and Construction</i> (Landcom 2004) and <i>Managing Urban Stormwater Soils and Construction - Volume 2E: Mines and Quarries</i> .
16	Surface Water Monitoring Program			
16.1	Bloomfield's existing EWMS incorporates a Surface Water Monitoring Program which will be implemented for this Project and updated to include the additional monitoring point proposed for this Project in consultation with NOW.	ENVIRONMENTAL ASSESSMENT s.11.5.2 The surface water monitoring program as per the Abel Project Approval includes the following sites relevant to the Project: <ul style="list-style-type: none"> Four Mile Creek at John Renshaw Drive; Four Mile Creek upstream of the Bloomfield lease area ('CCL761'); Four Mile Creek at the New England Highway; and 	Compliant	This SoC is addressed in Project Approval Schedule 3 condition 22. The Surface Water Monitoring Program 31 March 2010 was prepared by Evans and Peck as part of the Bloomfield Water Management Plan. The Surface Water Monitoring Program includes monitoring sites on Elwells Creek at Haul Road and Buttai Creek at Buchanan Road.

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		<ul style="list-style-type: none"> Buttai Creek at Lings Road. <p>It is proposed to add a monitoring site on Buttai Creek immediately upstream of Buchanan Road</p> <p>Abel Project Approval Schedule 3 condition 2 ENVIRONMENTAL MONITORING PROGRAM</p> <p>2. The Proponent shall prepare and implement an Environmental Monitoring Program for the project to the satisfaction of the Director-General. This program must be submitted to the Director-General within 6 months of this approval, consolidate the various monitoring requirements in schedule 4 of this approval into a single document, and be integrated as far as is practicable with the monitoring programs of the adjoining Bloomfield, Donaldson and Tasman mines.</p>		
16.2	A response/mitigation procedure will be developed as part of the EWMS for unforeseen surface or groundwater impacts being detected during the Project.	ENVIRONMENTAL ASSESSMENT s.11.6.3 ...response plan will be implemented in the event of significant unforeseen surface water impacts or variances from the predicted inflow rates and/or groundwater level impacts.	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 24.</i> The Surface and Groundwater Response Plan was prepared by Evans and Peck as part of the Bloomfield Water Management Plan.
17	Groundwater Monitoring			
17.1	Bloomfield's existing EWMS will incorporate a Groundwater Monitoring Program, developed in consultation with NOW.	ENVIRONMENTAL ASSESSMENT s.12.4 The monitoring program currently operating at the Bloomfield mine will be continued and will be integrated with the surface water monitoring program. As required, monitoring bores will be licenced under the Water Act 1912 and/or the Water Management Act 2000.	Compliant	<i>This SoC is addressed in Project Approval Schedule 3 condition 23.</i> The Groundwater Management Plan as prepared by Aquaterra for the Bloomfield Colliery as part of the Water Management Plan, includes a Groundwater Monitoring Program (section 2).
18	Visual Amenity			
18.2	Visual impacts of the Bloomfield Mine will be mitigated by the following strategies: <ul style="list-style-type: none"> Rehabilitation of the southern boundary of the Project Area adjacent to John Renshaw Drive will be given priority during the early stages of mining; Mobile directional lighting in active mine areas will be directed away from neighbouring properties and roadways; and Complaints regarding lighting will be investigated by Bloomfield during the relevant shift. 	ENVIRONMENTAL ASSESSMENT s.14.6.1 Ongoing rehabilitation by Bloomfield Colliery will improve the visual quality for residences with a view of the current mining operations, especially to the south of the Project Area. Residences who currently view current mining areas within the Project Area will see an improvement in visual quality as rehabilitation progress. This would reduce any potential visual impact, especially for residents in the Buttai Valley and users of John Renshaw Drive. ENVIRONMENTAL ASSESSMENT s.14.6.2 Where possible, lights should be utilised at the lowest effective level and directed away from In coming views, in particular, Buttai Valley, John Renshaw Drive and Ashtonfield. All lighting should be directed to the ground	Compliant	<ul style="list-style-type: none"> The portions of the southern boundary of the project area adjacent to John Renshaw Drive that include the high wall of S cut open pit have been managed to reduce the visual impact of the Bloomfield Colliery works from John Renshaw Drive and nearby residences, with natural vegetation retained where practicable and disturbed areas rehabilitated.

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		and to within the work area and avoid being cast skyward or over long distances. Procedures are in place to ensure lighting does not shine directly toward residences in any direction, particularly to the south. Staff and management should continue to be trained in		 <p>John Renshaw Drive from overburden emplacement above S cut high wall.</p> <ul style="list-style-type: none"> • Mobile lighting towers used in active mine areas are located to direct light away from off-site receivers. • No complaints in relation to light scatter or impact have been received by Bloomfield Colliery between 2009 and 2012.
18.2	Tree areas will be incorporated into rehabilitation to assist the visual blending of overburden dumps with the surrounding landscape	ENVIRONMENTAL ASSESSMENT s.3.4.3 Rehabilitated areas are generally sown with pasture species to create a stable landscape potentially suitable for light grazing. Areas of tree planting are also incorporated into the rehabilitation scheme and are situated to assist with habitat enhancement and to visually blend former overburden dump areas with the surrounding landscape.	Compliant Ongoing	 <p>Rehabilitated overburden emplacement with mature tube stock vegetation established (approx. 10 years)</p>
19	Staff Training			
19.1	Bloomfield will ensure that all personnel receive training in their responsibilities to mitigate, manage and monitor potential environmental impacts.	ENVIRONMENTAL ASSESSMENT s.2.8, s.2.11 and s.3.2 Existing systems and procedures that have been developed to manage the impacts and operation of activities on the site. The Bloomfield Induction Training and Environmental Policy includes the statements: <ul style="list-style-type: none"> • <i>Conducting our operations in compliance with all relevant environmental legislation, regulations and licences;</i> 	Compliant	Bloomfield Colliery Induction Training includes environmental obligations related to Bloomfield operations for compliance with all relevant environmental legislation, regulations and licences.

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		<ul style="list-style-type: none"> Consulting with managers and employees about our aim and about their individual responsibilities; Informing our contractors, customers and suppliers of our aim and of their environmental responsibilities in relation to our business; 																													
20	Integration with Other Mining Operations – Roles and Responsibilities																														
20.1	Bloomfield will implement and participate in the actions required for the Integrated Environmental Monitoring Program ('IEMP') that forms part of the Abel Project Approval and which includes elements of the Bloomfield Project.	ENVIRONMENTAL ASSESSMENT s.2.8, s.2.12 and s.15.2 The Bloomfield Mining Operations Environmental Management System ('EMS') has been developed generally in accordance with ISO 14001 principles.. This EMS, systems and procedures will continue to be applied to Project operations, until the completion of mining.	Compliant	Bloomfield Colliery has implemented the monitoring consistent with the Integrate Environmental Monitoring Program (Abel Project December 2007), with additional monitoring locations included in the Air Quality/Water/Blast/Noise Monitoring Programs to supplement the integrated program for the Bloomfield activities.																											
20.2	Bloomfield is responsible for the operation, maintenance and monitoring of all water management systems and structures within its Project Area.	ENVIRONMENTAL ASSESSMENT s.15.3.2 Letter to DoP (11/5/09)the water management system that supports the existing and proposed mining at Bloomfield forms part of the Integrated Water Management System (IWMS) provided for the Bloomfield, Abel and Donaldson mines. This IWMS was approved under the Abel Project. The IWMS involves the management of all surface runoff and groundwater sources associated with the Abel, Bloomfield and Donaldson mines, ensuring continuous supply to the Bloomfield washery whilst minimising discharge to Four Mile Creek from the operating areas.	Compliant	The requirements of this SoC are addressed in Project Approval Schedule 3 condition 20: The Bloomfield components of the Integrated Water Management System are: <ul style="list-style-type: none"> Lake Kennerson – clean water collection basin with EPL approved discharge Point 1 to Four Mile Creek. Lake Forster – disturbed area water collection basin, with water reused through the CHPP and for dust suppression on site. Tailing storage facility water reuse system – water pumped to Lake Forster for reuse in the CHPP 																											
20.3	Rehabilitation of the final void forms part of the Abel Project Approval. However, rehabilitation of the tailings filled void at the completion of the Abel Project will remain the responsibility of Bloomfield as outlined in the Draft Bloomfield Closure and Rehabilitation Strategy (Abel)	Letter to DoP, 11/5/09 Abel Underground Mine Part 3A Environmental Assessment, Vol.1 section 2.13.2 - Decommissioning and Rehabilitation after Completion of Mining: <i>"Rehabilitation will be undertaken in accordance with DPI guidelines which require the Bloomfield Mine Operations Plan, required as a condition of the Bloomfield mining lease, to provide details on proposed outcomes to be achieved through rehabilitation and final landform."</i>	Not yet activated	The rehabilitation of the final void is outlined in the draft Closure and Rehabilitation Strategy (Abel) and the relevant actions/commitments have been picked up in the 2012-2016 Mining Operations Plan for the Bloomfield Colliery Table 11 Item 7 Open cut Final Void: <table border="1"> <thead> <tr> <th>Rehab. Phase</th> <th>Indicator</th> <th>Completion Criteria</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Landform establishment</td> <td>Capping of tailings</td> <td>2 metres</td> </tr> <tr> <td>Slope gradients</td> <td><18 degrees</td> </tr> <tr> <td>Drainage</td> <td>Completed</td> </tr> <tr> <td rowspan="3">Growth medium development</td> <td>Suitable topsoil</td> <td>Completed</td> </tr> <tr> <td>Biosolids application</td> <td>100t/ha</td> </tr> <tr> <td>Gypsum application</td> <td>To be determined</td> </tr> <tr> <td rowspan="3">Ecosystem development</td> <td>Soil surface prepared</td> <td>Completed</td> </tr> <tr> <td>Appropriate pasture grass seed selected</td> <td>Completed</td> </tr> <tr> <td>Seeding rate</td> <td>50kg/ha</td> </tr> <tr> <td></td> <td>Stable water management structures</td> <td></td> </tr> </tbody> </table>	Rehab. Phase	Indicator	Completion Criteria	Landform establishment	Capping of tailings	2 metres	Slope gradients	<18 degrees	Drainage	Completed	Growth medium development	Suitable topsoil	Completed	Biosolids application	100t/ha	Gypsum application	To be determined	Ecosystem development	Soil surface prepared	Completed	Appropriate pasture grass seed selected	Completed	Seeding rate	50kg/ha		Stable water management structures	
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SoC No.	Statement of Commitment	Verification Documentation	Compliance Status	Comment												
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21	Community Enhancement Fund															
21.2	Bloomfield will establish a Community Enhancement Fund (CEF) that will provide a range of practical commitments to local community projects and contributions to the local community.	<p>Response to Submissions 29 Jan 2009 Email to DoP 7 May 2009 Project Approval Schedule 2 condition 14. <i>The Proponent shall establish a Community Enhancement Fund ... and implement expenditure from that fund to the satisfaction of the Director-General. Proposals for expenditure from the fund must:</i></p> <p>a) <i>be prepared by the Proponent in consultation with Council and the CCC and be submitted to the Director-General for approval by 31 December 2009;</i></p> <p>b) <i>.....</i></p> <p>c) <i>a minimum of \$180,000 on local infrastructure projects within Cessnock LGA, to be commenced no later than 30 September 2011;...</i></p> <p>Project Approval Schedule 3 condition 30. <i>Within 6 months of the date of this approval, and again prior to 30 September 2011, the Proponent shall provide contributions of \$20,000 to conservation projects within the Cessnock LGA, in consultation with OEH and to the satisfaction of the Director-General.</i></p>	Compliant	These SoC's are addressed in Project Approval Schedule 2 condition 14. Bloomfield Group developed infrastructure projects in consultation with the Cessnock City Council and Community Consultative Committee. The proposal was submitted to the DoP and approved on 15 February 2011. Funding of \$152,900 for infrastructure projects was provided to the Cessnock City Council on 5 Apr 2011. DoP also approved Bloomfield Community Enhancement Funding to support the Cessnock / Kurri Kurri Outreach Program by providing \$32,000/yr to Father Chris Riley's Youth Off the Streets. Contributions of \$20,000 for the Stanford Merthyr Crown Reserve were made by Bloomfield in accordance with Project Approval Schedule 3 condition 30 approved by the Director-General on 22 April 2010.												
21.2	The CEF will comprise two components: <ul style="list-style-type: none"> Within two years of the Bloomfield Mine being approved, \$180,000 will be provided by Bloomfield for a local infrastructure project within Cessnock Local Government Area, to be determined in consultation with Cessnock City Council. Over a period of ten years from the date of the Bloomfield Mine being approved, \$320,000 will be provided by Bloomfield for a community welfare based charity/s focussed within the Cessnock LGA, to be determined in consultation with Cessnock City Council. 		Compliant													
Statement of Commitment for s75W Modification (07-0087 MOD 1)																
1	General															
1.1	Bloomfield Collieries will carry out the proposed development generally in accordance with the Section 75W Environmental Assessment ('EA') and the Part3A Environmental Assessment (07_0087). If there is any inconsistency between the Statement of Commitments (SoC) and the EA, the SoC will prevail to the extent of the Inconsistency.	<p>S75W Modification ENVIRONMENTAL ASSESSMENT s.1.4 It is proposed to extend the approved Project Area to allow for some minor physical alterations and rehabilitation works to the mine. The proposed extension of 259 hectares is in addition to the approved 317 hectare Project Area. The additional area is predominantly land that has been mined and heavily disturbed by historic mining activities. No additional winning of coal is proposed in this extension area. The other Modification Activities are:</p> <ul style="list-style-type: none"> Upgrade and use of Wattle Tree Drive as an alternative haul route (location marked as 'A' on 	Compliant	This SoC is addressed in Project Approval Schedule 2 conditions 2 and 3. The Bloomfield Colliery development is being carried out generally in accordance with the Environmental Assessment ('EA') and documents identified in Project Approval Schedule 2 condition 2.												
1.2	Bloomfield will undertake mining and rehabilitation activities within the Project Area as defined by the Schedule of Land (Figure 8). The proposed Modification Activities include: <ul style="list-style-type: none"> Upgrade and use of Wattle Tree Drive as an alternative haul route (Area A); 		Compliant	<ul style="list-style-type: none"> Upgrade of Wattle Tree Drive is complete and only used by light vehicles (not as an alternative haul route (Area A)); Additional overburden emplacement and rehabilitation - east of Save a Mile Haul Road is complete to a 												

SoC No.	Statement of Commitment	Verification Documentation	Compliance Status	Comment
	<ul style="list-style-type: none"> Additional overburden emplacement and rehabilitation - east of Save a Mile Haul Road (Area B); Additional out-of-pit landform reshaping and rehabilitation – northern and south-eastern areas (Area C and E); Construction of a corridor and overhead powerline from an existing powerline onto the open cut mine site, together with some clearing for an associated infrastructure area (Area D); 	<p>Figure 2).</p> <ul style="list-style-type: none"> Additional overburden emplacement and rehabilitation - east of Save a Mile Haul Road (location marked as 'B' on Figure 2); Additional out-of-pit landform reshaping and rehabilitation – northern and south-eastern areas (locations marked as 'C' and 'E' on Figure 2); and Construction of a corridor and overhead power-line from an existing power-line onto the open cut mine site, together with some clearing for an associated infrastructure area (location marked as 'D' on Figure 2). 		<ul style="list-style-type: none"> finished height of less than RL100 (Area B); Out-of-pit landform reshaping in Areas C & E has not been undertaken and the area is rehabilitated; Construction of the overhead power line and clearing of vegetation did not occur for Area D (refer to MOD 3).
2	Hours of Operation			
2.1	<p>Bloomfield Mine will operate 24 hours per day seven days per week except for the proposed Modification Activities. No Modification Activities will occur during the night-time period (10.00pm-6.00am). To manage noise from the various Modification Activities the following hours of operation will be followed:</p> <p>Wattle Tree Drive construction (Area A) and Power line Corridor (Area D)</p> <ol style="list-style-type: none"> Construction hours (for the power line corridor and construction of Wattle Tree Drive) will be between 7.00am and 6.00pm Monday to Friday and 8.00am to 1.00pm Saturdays. A bund will be constructed adjacent to Wattle Tree Drive and trees will be planted to screen this area, to minimise impacts and stray light scatter. <p>East of Save-a-Mile haul road (Area B)</p> <ol style="list-style-type: none"> Daytime operations (7.00am to 6.00pm Mondays to Saturdays, 8.00am to 6.00pm Sundays) will be in the southern part of the dump to raise the dump and provide screening for evening (6.00pm-10.00pm) and morning shoulder (6.00am-7.00am) operations. The height of the overburden emplacement area will be limited to an RL of 100 metres During evening and morning shoulder periods, the following controls will be in place: <ol style="list-style-type: none"> the drill and clearing dozer will be worked in a shielded location; dumping will only occur in the northern part of the dump; the dozer will only operate in a shielded location in the northern part of the dump; an earthen bund will be constructed in the approved dumping area to the south of the existing haul road to a minimum height of 80 	<p>S75W Modification ENVIRONMENTAL ASSESSMENT s.6.6</p> <p>In order to meet the noise criteria provided in the Bloomfield Approval and the project specific noise levels (PSNLs) developed for the Bloomfield EA, no Modification Activities will occur during the night-time period (10.00pm-6.00am). Therefore sleep disturbance noise goals are not applicable. Construction hours (for the power-line corridor and construction of Wattle Tree Drive) will between the hours of 7.00am and 6.00pm Monday to Friday and 8.00am to 1.00pm Saturdays.</p>	Compliant	<p>This SoC is addressed in Project Approval Schedule 2 condition 7.</p> <p>No complaints were received directly related to the MOD 1 activities.</p> <p>The construction activities conducted in relation to the MOD 1 proposal were only conducted between 0700 and 1800 hours Monday to Friday and 0800 to 1300 hours on Saturday.</p> <ol style="list-style-type: none"> Area A works are complete and were conducted during day shift hours in accordance with the commitment. Area D works were not required so the bund was not constructed and natural vegetation screens the track. Area B works are complete and were conducted during day shift hours in accordance with the commitment. The overburden emplacement finished height in Area B is less than RL100. The works were completed with noise intensive activities conducted below the crest of the overburden emplacement. No complaints were received. No overburden emplacement has occurred in Area C. No works have occurred in Area E due to limited access.

SoC No.	Statement of Commitment	Verification Documentation	Compliance Status	Comment
	<p>metres RL; and</p> <p>iv. There will be no coal haulage from S-Cut during the morning shoulder period.</p> <p>Northern area (Area C)</p> <p>f. Dumping and rehabilitation during the daytime period only.</p> <p>South-eastern area (Area E)</p> <p>g. Dumping and rehabilitation during the daytime period only (7.00am to 6.00pm Mondays to Saturdays, 8.00am to 6.00pm Sundays)</p> <p>h. Dumping will be restricted to a maximum of 70 hours of work; and</p> <p>i. A front end loader will replace the dozer at the Area E dump once the emplacement reaches an RL of 52 metres.</p>			
3	Ecology			
3.1	A pre-clearing protocol to protect any threatened species using trees within the power line clearing area will be implemented during construction of the corridor.	S75W Modification ENVIRONMENTAL ASSESSMENT s.6.3	Compliant	The Bloomfield Group Permit to Disturb (pre-clearance survey) Attachment to the Land Disturbance Management Procedure would be implemented prior to any vegetation clearance that is required.
3.2	The identified nesting tree adjacent to the power-line clearing area will be protected during construction of the power-line and associated infrastructure to prevent accidental damage by machinery.	In the area to be cleared, 31 trees having potential fauna habitat hollows were found. One tree of particular note in the vicinity was a tall Spotted Gum (<i>Corymbia maculata</i>) which contained a large raptor nest. This tree is located just outside of the proposed clearing area and care will be taken during clearing not to disturb this tree. Land Disturbance Management Procedure, 4 Oct 2007, Attachment Bloomfield Group Permit to Disturb	No applicable	An ecological assessment of the power line alignment was conducted and reported in the S75W Modification Environmental Assessment section.6.3. The Area D power line corridor works were not required, and no vegetation disturbance was required.
3.3	Bloomfield will commit to providing a biological offset to compensate for the loss of native vegetation. The offset will be agreed with and designed to satisfy the requirements of the Department of Planning and generally be consistent with OEH's "Principles for the	Project Approval Schedule 3 condition 29A: By 31 December 2011, the Proponent shall make suitable arrangements to provide appropriate long-term security for the Biodiversity Offset Area (see Appendix 6) to the	Compliant	This SoC is addressed in Project Approval Schedule 3 condition 29. A Certificate of Title for Lot 2371 DP1170348, LGA Cessnock, Parish of Ellalong, County of Northumberland,

SoC No.	Statement of Commitment	Verification Documentation	Compliance Status	Comment
	use of biodiversity offsets in NSW".	satisfaction of the Director-General.		was registered on 5 January 2012 to Four Mile Pty Ltd with a Second Schedule condition of Restriction of Use of Land. The land defined in the Certificate of Title is consistent with Appendix 6 of the Project Approval.
3.4	Bloomfield will commit to providing \$20,000 towards the Stanford Merthyr Conservation Project being managed by the Land and Property Management Group within 6 months of Director General's approval of the modification.	S75W Modification ENVIRONMENTAL ASSESSMENT s.6.3	Compliant	This SoC is addressed in Project Approval Schedule 2 condition 29B and 30. Bloomfield received approval from DoP on 22 April 2010 for the provision of funding for conservation projects in the Cessnock local government area. The approved funding was provided to the NSW Land and Property Management Authority for the Stanford Merthyr Crown Reserve Rehabilitation Project.
4	Water Management			
4.1	The existing water drainage channel to Lake Kennerson will be re-routed around the disturbance area prior to commencement of works in the south-eastern area.	S75W Modification ENVIRONMENTAL ASSESSMENT s.6.9.1 The proposed south-east landform reshaping area covers part of the area used as a drainage channel from the pits to Lake Kennerson. This channel will be relocated around the area of proposed disturbance to ensure this system continues to operate.	Compliant	The water drainage channel was not required to be re-routed as no further disturbance of the area has occurred. The existing drainage channel to Lake Kennerson is stable and continues to direct 'clean' water runoff into Lake Kennerson.
4.2	Diversion banks and sediment control measures will be provided at the toe of the proposed batter of the emplacement area adjacent to Save-a-Mile haul road prior to works commencing to protect downstream areas.	S75W Modification ENVIRONMENTAL ASSESSMENT s.6.9.2 The proposed northern area to be reshaped is currently draining poorly and the proposed works will improve this situation and drain the area towards the haul road and the existing drainage system.	Compliant	The base of the slope to the drainage channel below the rehabilitated areas is stable and directs any collected runoff to Lake Forster, for use in the CHPP.

ATTACHMENT C

EPL 396 TABLE BLOOMFIELD COAL PROJECT

Condition No.	EPL Condition		Compliance Status	Comments
1	Administrative Conditions			
A1	What the licence regulates			
A1.1	This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation. Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition. Scheduled Activity / Fee Based Activity Scale Mining for coal > 2000000 - 5000000 handled Coal Works > 500000 - 2000000 T produced	-	Compliant	The Bloomfield Colliery mining operations have been compliant with the Scheduled Activity maximum scale specified in this condition (i.e. Mining has not exceeded 5000000 tonnes of coal handled and the coal works have not exceeded 2000000 tonnes).
A2	Premises or plant to which this licence applies			
A2.1	The licence applies to the following premises: Bloomfield Colliery Four Mile Creek Road Ashtonfield NSW 2323	-	Compliant	The Bloomfield Colliery operations have only occurred on Consolidated Cola Lease 761, located at Four Mile Creek Road Ashtonfield.
A3	Information supplied to the EPA			
A3.1	Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence. In this condition the reference to "the licence application" includes a reference to: a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.	-	Noted	
2	Discharges to Air and Water and Application to Land			
P1	Location of monitoring/discharge points and areas			
P1.1	The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.	-	Noted	
P1.2	The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.		Noted	

Condition No.	EPL Condition				Compliance Status	Comments	
	<i>Water and land</i>						
	EPA ID no.	Type of Monitoring Point	Type of Discharge Point	Location Description			
	1	Discharge to waters under wet weather conditions Volume monitoring; Discharge quality monitoring		Lake Forster pipe outlet labelled as Discharge Point W001 on Bloomfield Colliery Water Management Plan dated 31/03/1999.			
	2	Ambient water quality monitoring	-	Four Mile Creek located 500m upstream of the current New England Highway culvert for Four Mile Creek			
3	Limit Conditions						
L1	Pollution of waters						
L1.1	Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the <i>Protection of the Environment Operations Act 1997</i> .				<i>Protection of the Environment Operations Act 1997</i> section 120	Compliant	Water quality monitoring of water discharged from the Bloomfield Colliery site has demonstrated compliance with the <i>Protection of the Environment Operations Act 1997</i> section 120.
L2	Concentration limits						
L2.1	For each monitoring/discharge point or utilisation area specified in the tables below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.					Noted	
L2.2	Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.					Noted	
L2.3	To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the tables.					Noted	
L2.4	Water and/or Land Concentration Limits						
	POINT 1						
	Pollutant	Units of Measure	100 %ile conc limit				
	Conductivity	µS/cm	6000				
	Filterable iron	mg/L	1.0				
	pH	pH	6.5-8.5				
	Total suspended solids	mg/L	30				
				<ul style="list-style-type: none"> Water Discharge Results 2012 2010-2011 AEMR section 3.3 and Appendix B 2011-2012 AEMR section 3.3 and Appendix B 	Compliant	The quality of water releases from Point 1 during 2010-2012 has been compliant with the EPL concentration limits in EPL condition L2.4, except for one occasion on 17 November 2012, when the electrical conductivity (EC) of the discharge was 6010mS/com. This EC exceeded the EPL criteria of 6000µS/cm and was reported on the Pollution Line (reference number 13146).	

Condition No.	EPL Condition		Compliance Status	Comments						
L3	Volume and mass limits									
L3.1	<p>For each discharge point or utilisation area specified below (by a point number), the volume/mass of:</p> <p>a) liquids discharged to water; or;</p> <p>b) solids or liquids applied to the area;</p> <p>must not exceed the volume/mass limit specified for that discharge point or area.</p> <table border="1"> <thead> <tr> <th>Point</th> <th>Unit of Measure</th> <th>Volume/Mass Limit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Kilolitres/day</td> <td>40,000</td> </tr> </tbody> </table>	Point	Unit of Measure	Volume/Mass Limit	1	Kilolitres/day	40,000	<ul style="list-style-type: none"> Water Discharge Results 2012 	Compliant	Discharge of water from EPA Point 1 (in accordance with the permitted conditions specified in EPL condition L3.2) did not exceed the 40,000kL/day criteria (i.e. 40ML/day).
Point	Unit of Measure	Volume/Mass Limit								
1	Kilolitres/day	40,000								
L3.2	<p>Discharge from Point 1 as referred to in Condition L3.1 is only permitted under the following conditions:</p> <ul style="list-style-type: none"> - in wet weather conditions following 10mm or greater 24 hours rainfall event in the catchment in the first 24 hour period following the rainfall event; and - in wet weather conditions following a 15mm or greater 24 hours rainfall event in the catchment in the second 24 hour period following the rainfall event; and - in wet weather conditions following a 20mm or greater 24 hours rainfall event in the catchment in the third 24 hour period following the rainfall event. 	<ul style="list-style-type: none"> Water Discharge Results 2012 2010-2011 AEMR section 3.3 and Appendix B 2011-2012 AEMR section 3.3 and Appendix B 	Compliant	During 2012 there were thirty-two (32) days on which the release of water from Point 1 was permitted under EPL condition L3.1, and on each occasion the volume released was 40ML/day and the water quality was compliant with the EPL concentration limits in EPL condition L2.4.						
L4	Blasting									
L4.1	Blasting in or on the premises must only be carried out between 9:00 hours and 17:00 hours, Monday to Saturday. Blasting in or on the premises must not take place on Sundays or Public Holidays without the prior approval of the EPA.	<ul style="list-style-type: none"> 2010-2011 AEMR section 3.8 and Appendix C 2011-2012 AEMR section 3.8 and Appendix C 	Compliant	Blasting on the premises has only been carried out between 9:00 hours and 17:00 hours, Monday to Saturday, with no blasting conducted on Sundays or Public Holidays						
L4.2	<p>The airblast overpressure level from blasting operations in or on the premises must not exceed:</p> <p>a) 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period;</p> <p>and</p> <p>b) 120 dB (Lin Peak) at any time.</p> <p>At any affected residence or noise sensitive location that is not owned by the licensee or subject to a private agreement</p>	<ul style="list-style-type: none"> 2010-2011 AEMR section 3.8 and Appendix C 2011-2012 AEMR section 3.8 and Appendix C RCA Acoustics Blast Result Reports 	Compliant	<p>Monitoring of over-pressure occurred at Elliot residence, McNaughton residence, Mt Vincent Road residence and for all blasts during 2012 and monitoring of over-pressure occurred at Elliot residence and McNaughton residences during 2009 and 2012.</p> <p>(a) Air blast overpressure was compliant with EPL condition L4.2 (a) – 5% <115dB at all sites for all blasts monitored.</p>						

Condition No.	EPL Condition		Compliance Status	Comments		
				Monitoring Location	Overpressure	
	between the owner of the residence or noise sensitive location and the licensee as to an alternative overpressure level.		Non-compliant		>115dBL	>120dBL
				Elliot	2 (116.0dBL 15/4/10 115.7dBL 24/11/10 119.0dBL 12/8/11)	1 (127.9dBL 16/9/10)
				McNaughton	1 (117.4dBL 7/9/10)	1 (120.6dBL 9/3/12)
				Mt Vincent Road	1 (118.0dBL 6/3/12)	0
				Richards	0	0
				(b) Air blast overpressure was exceeded for EPL condition L4.2 (b) on one (1) occasion at the Elliot residence on 16 September 2010 (127.9dBL) and one occasion at the McNaughton residence on 9 March 2012 (120.6dBL). Both these exceedences were reported to the EPA.		
L4.3	The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed: a) 5mm/s for more than 5% of the total number of blasts carried out on the premises during each reporting period; and b) 10 mm/s at any time. At any affected residence or noise sensitive location that is not owned by the licensee or subject to a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative overpressure level .	<ul style="list-style-type: none"> 2010-2011 AEMR section 3.8 and Appendix C 2011-2012 AEMR section 3.8 and Appendix C RCA Acoustics Blast Result Reports 	Compliant	Monitoring of vibration (mm/s) occurred at Elliot residence, McNaughton residence, Mt Vincent Road residence and Richards residence for all blasts during 2012. Eighty-four (84) blasts were conducted by Bloomfield Colliery and no vibration results exceeded 5mm/s.		
				Monitoring Location	Vibration peak particle velocity (ppv)	
					>5mm/s ppv	>10mm/s ppv
				Elliot	0	0
				McNaughton	0	0
				Mt Vincent Road	0	0
				Richards	0	0
4	Operating Conditions					
O1	Activities must be carried out in a competent manner					
O1.1	Licensed activities must be carried out in a competent manner. This includes: a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.		Compliant	The storage of materials and substances (e.g. explosives, oils and greases) at the Bloomfield Colliery site is located in designated areas and stored in accordance with Australian Standards. Waste generated by the Bloomfield operations is managed under contract with a licenced contractor.		
O2	Maintenance of equipment					
O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: a) must be maintained in a proper and efficient condition; and b) must be operated in a proper and efficient manner.		Compliant	All equipment and plant used by Bloomfield is maintained at the Bloomfield workshop (off Four Mile Road) in accordance with manufacturers specification.		
O3	Dust					

Condition No.	EPL Condition		Compliance Status	Comments														
O3.1	The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	Monthly Air Quality Monitoring Reports, AECOM, 2012	Compliant	The annual average for dust deposition rate monitoring has indicated that the operations/activities of the Bloomfield Colliery have been conducted in a manner that minimises dust generation and complies with the regulatory criteria of <math><4\text{g}/\text{m}^2/\text{mth}</math>.														
5	Monitoring and Recording Conditions																	
M1	Monitoring records																	
M1.1	The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.		Compliant	All monitoring results required by this licence or a load calculation protocol are recorded and retained by Bloomfield in accordance with this condition.														
M1.2	All records required to be kept by this licence must be: a) in a legible form, or in a form that can readily be reduced to a legible form; b) kept for at least 4 years after the monitoring or event to which they relate took place; and c) produced in a legible form to any authorised officer of the EPA who asks to see them.	<ul style="list-style-type: none"> Monitoring records of Water Quality, Discharge Volumes, Dust Deposition, Blast and Vibration - 2010-2012 	Compliant	All monitoring records required to be kept by Bloomfield under this licence are in a legible form, are retained for at least 4 years and can be produced to any authorised officer of the EPA who asks to see them.														
M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence: a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	<ul style="list-style-type: none"> Chain-of-Custody Forms (accompanying samples delivered to NATA registered laboratories –VGT, Bloomfield Mine Environment Sheet – Mine Water Discharge, Steel River Testing – dust) Monitoring Reports AECOM, VGT, RCA Acoustics, Steel River Testing) 	Compliant	Monitoring records and Chain-of-Custody forms for monitoring provide the date the sample was taken, time taken where relevant, sampling point number and name of the person responsible for collection of the sample.														
M2	Requirement to monitor concentration of pollutants discharged																	
M2.1	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:	<ul style="list-style-type: none"> Water Discharge Results 2012 2010-2011 AEMR section 3.3 and Appendix B 2011-2012 AEMR section 3.3 and Appendix B 	Compliant															
M2.2	Water and/ or Land Monitoring Requirements Point 1	<ul style="list-style-type: none"> Water Discharge Results 2012 2010-2011 AEMR section 3.3 and Appendix B 2011-2012 AEMR section 3.3 and Appendix B 	Compliant	Surface water monitoring data was collected for the Bloomfield Surface Water Monitoring Program in accordance with the requirements of EPL condition M2.1 and M2.2.														
	<table border="1"> <thead> <tr> <th>Pollutant</th> <th>Units of Measure</th> <th>Frequency</th> <th>Sampling method</th> </tr> </thead> <tbody> <tr> <td>Conductivity</td> <td>mS/cm</td> <td rowspan="4">Daily during discharge</td> <td rowspan="4">Grab sample</td> </tr> <tr> <td>pH</td> <td>pH</td> </tr> <tr> <td>TSS</td> <td>mg/L</td> </tr> <tr> <td>Filterable iron</td> <td>mg/L</td> </tr> </tbody> </table>	Pollutant	Units of Measure	Frequency	Sampling method	Conductivity	mS/cm	Daily during discharge	Grab sample	pH	pH	TSS	mg/L	Filterable iron	mg/L			
Pollutant	Units of Measure	Frequency	Sampling method															
Conductivity	mS/cm	Daily during discharge	Grab sample															
pH	pH																	
TSS	mg/L																	
Filterable iron	mg/L																	
	Point 2																	

Condition No.	EPL Condition				Compliance Status	Comments																										
	Pollutant	Units of Measure	Frequency	Sampling method																												
	Conductivity	mS/cm	Continuous during discharge	In-line																												
	pH	pH	Daily during discharge	Grab sample																												
	TSS	mg/L																														
M3	Testing methods – concentration limits																															
M3.1	Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.				Steel River Testing – Dust Deposition Results VGT – Water Quality Results	Compliant	Monitoring and analysis of samples for the Bloomfield Colliery has been conducted in accordance with approved methods and analysis conducted by NATA registered laboratories (ALS and ACIRL).																									
M4	Recording of pollution complaints																															
M4.1	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.				Bloomfield Colliery Complaints Registers 2010-2012	Compliant	Legible records of complaints are kept by Bloomfield Group on the Complaints Register.																									
M4.2	The record must include details of the following: a) the date and time of the complaint; b) the method by which the complaint was made; c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect; d) the nature of the complaint; e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and f) if no action was taken by the licensee, the reasons why no action was taken.				Bloomfield Colliery Complaints Registers 2009-2012	Compliant	Legible records of complaints are kept by Bloomfield Group on the Complaints Register and include: a) date / time of the complaint; b) method by which the complaint was made (i.e. email, complaints telephone line, EPA pollution Line etc); c) details of the complainant; d) nature of the complaint; e) action taken in relation to the complaint The complaints received between 2009 and 2012 were: <table border="1"> <thead> <tr> <th>Year</th> <th>Total</th> <th>Blasts</th> <th>Noise</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>2009</td> <td>19</td> <td>16</td> <td>-</td> <td>2</td> </tr> <tr> <td>2010</td> <td>21</td> <td>15</td> <td>5</td> <td>1</td> </tr> <tr> <td>2011</td> <td>11</td> <td>4</td> <td>6</td> <td>1 (dust)</td> </tr> <tr> <td>2012</td> <td>8</td> <td>4</td> <td>4</td> <td>-</td> </tr> </tbody> </table>	Year	Total	Blasts	Noise	Other	2009	19	16	-	2	2010	21	15	5	1	2011	11	4	6	1 (dust)	2012	8	4	4	-
Year	Total	Blasts	Noise	Other																												
2009	19	16	-	2																												
2010	21	15	5	1																												
2011	11	4	6	1 (dust)																												
2012	8	4	4	-																												
M4.3	The record of a complaint must be kept for at least 4 years after the complaint was made.					Compliant	All complaints records are retained by the Bloomfield Group.																									
M4.4	The record must be produced to any authorised officer of the EPA who asks to see them.					Noted																										
M5	Telephone complaints line																															
M5.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.				www.bloomcoal.com.au/bloomfield	Compliant	A 24 hour Community Hotline (02 4930 2680) and email address (info@bloomcoll.com.au) is provided on the Bloomfield website for members of the community to contact the mine with questions or complaints.																									
M5.2	The licensee must notify the public of the complaints line				www.bloomcoal.com.au/bloomfield	Compliant	The 24 hour Community Hotline (02 4930 2680) is																									

Condition No.	EPL Condition		Compliance Status	Comments												
	telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.			provided on the Bloomfield website.												
M5.3	The preceding two conditions do not apply until 3 months after: a) the date of the issue of this licence or b) if this licence is a replacement licence within the meaning of the Protection of the Environment Operations (Savings and Transitional) Regulation 1998, the date on which a copy of the licence was served on the licensee under clause 10 of that regulation.		Noted													
M6	Requirement to monitor volume or mass															
M6.1	For each discharge point or utilisation area specified below, the licensee must monitor: a) the volume of liquids discharged to water or applied to the area; b) the mass of solids applied to the area; c) the mass of pollutants emitted to the air, at the frequency and using the method and units of measure, specified below. Point 1 <table border="1"> <thead> <tr> <th>Frequency</th> <th>Units of Measure</th> <th>Sampling method</th> </tr> </thead> <tbody> <tr> <td>Daily during any discharge</td> <td>kilolitres/day</td> <td>By calculation</td> </tr> </tbody> </table> Point 2 <table border="1"> <thead> <tr> <th>Frequency</th> <th>Units of Measure</th> <th>Sampling method</th> </tr> </thead> <tbody> <tr> <td>Daily during any discharge</td> <td>kilolitres/day</td> <td>In-line instrumentation</td> </tr> </tbody> </table>	Frequency	Units of Measure	Sampling method	Daily during any discharge	kilolitres/day	By calculation	Frequency	Units of Measure	Sampling method	Daily during any discharge	kilolitres/day	In-line instrumentation	<ul style="list-style-type: none"> Water Discharge Results 2011 and 2012 Discharge Monitoring Equipment Status, ENVAULT 	Compliant	Monitoring of the volume of water discharged from Point 1 to Four Mile Creek occurs for daily for any discharge. The discharges only occur as approved in EPL condition L3.1 and no discharges greater than 40ML per day occurred between 2009 and 2010.
Frequency	Units of Measure	Sampling method														
Daily during any discharge	kilolitres/day	By calculation														
Frequency	Units of Measure	Sampling method														
Daily during any discharge	kilolitres/day	In-line instrumentation														
M7	Blasting															
M7.1.	To determine compliance with condition(s) L4.2 and L4.3: a) Airblast overpressure and ground vibration must be measured at any affected residence or sensitive location that is not owned by the licensee or subject to a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative overpressure level - for all blasts carried out in or on the premises; and b) Instrumentation used to measure the airblast overpressure and ground vibration levels must meet the requirements of Australian Standard AS 2187.2-2006.	<ul style="list-style-type: none"> µMX Calibration Certificate No. 0645, TEXCEL 31 Jul 2012 µMX Calibration Certificate No. 0702, TEXCEL 20 Aug 2012 	Compliant	<p>(a) The blast monitoring program consists of four blast monitors (three fixed and one mobile) located at residences to the south, south-east, west and north-west of current open cut operations that are activated for each blast.</p> <p>(b) The blast monitors are maintained and calibrated by an external contractor/consultant (TEXCEL) in accordance with AS 2187.2-2006.</p>												
6	Reporting Conditions															
R1	Annual Return documents															
R1.1	The licensee must complete and supply to the EPA an Annual Return in the approved form comprising: a) a Statement of Compliance; and b) a Monitoring and Complaints Summary. At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA	<ul style="list-style-type: none"> EPA Annual Return 2010-2011 EPA Annual Return 2009-2010 	Compliant	The Annual Returns have been completed on the approved forms including a Statement of Compliance; and Monitoring and Complaints Summary.												
R1.2	An Annual Return must be prepared in respect of each		Noted													

Condition No.	EPL Condition		Compliance Status	Comments
	reporting period, except as provided below. <i>Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.</i>			
R1.3	Where this licence is transferred from the licensee to a new licensee: a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period. <i>Note: An application to transfer a licence must be made in the approved form for this purpose.</i>		Noted Not Applicable	-
R1.4	Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on: a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.		Noted Not Applicable	-
R1.5	The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').	<ul style="list-style-type: none"> EPA Annual Return 2010-2011 EPA Annual Return 2009-2010 	Compliant	The EPL Annual Return reporting period is 31 December to 30 December each year. The Annual Returns have been submitted to the EPA (OEH) by 28 February each year within the 60 day reporting period.
R1.6	The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.		Compliant	Copies of the Annual Returns are retained by Bloomfield within the internal filing system.
R1.7	Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: a) the licence holder; or b) by a person approved in writing by the EPA to sign on behalf of the licence holder.	<ul style="list-style-type: none"> EPA Annual Return 2010-2011 EPA Annual Return 2009-2010 	Compliant	The Annual Returns have been completed on the approved forms with the Monitoring and Complaints Summary signed by Bloomfield Company Directors.
R1.8	A person who has been given written approval to certify a certificate of compliance under a licence issued under the Pollution Control Act 1970 is taken to be approved for the purpose of this condition until the date of first review of this licence.		Noted	
R2	Notification of environmental harm			
R2.1	Notifications must be made by telephoning the Environment Line service on 131 555.	<ul style="list-style-type: none"> Pollution Line Incident 123616, 16 Sep 2010 	Compliant	

Condition No.	EPL Condition		Compliance Status	Comments
		<ul style="list-style-type: none"> • Pollution Line Incident 135198, 9 Mar 2012 • Pollution Line Incident 13146, 17 Nov 2012 		
R2.2	<p>The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.</p> <p><i>Note: The licensee or its employees must notify the EPA of incidents causing or threatening material harm to the environment as soon as practicable after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.</i></p>	<ul style="list-style-type: none"> • Blast Overpressure Exceedance - Pollution Line Incident 123616, 16 Sep 2010 • Pacific National Diesel Spill from Locomotive, 9 Jan 2011 • Blast Overpressure Exceedance - Pollution Line Incident 135198, 9 Mar 2012 • Water Discharge EC Exceedance - Pollution Line Incident 13146, 17 Nov 2012 	Compliant	<p>Written Bloomfield Significant Incident Investigation Reports were submitted to DECCW/OEH for the following events between 2010 and 2012:</p> <ul style="list-style-type: none"> • Blast Overpressure Exceedance (127.9dBL) at the Elliot residence on 16 September 2010 was reported to the Pollution Line (Incident 123616); • Pacific National Diesel Spill from Locomotive on 9 January 2011 report was prepared with incident response detailed and remediation of the site; • Blast Overpressure Exceedance (120.6dBL) at the McNaughton residence on 9 March 2012 was reported to the Pollution Line (Incident 135198); • Water Discharge Exceedance of Electrical Conductivity occurred on 17 November 2012 and reported to Pollution Line (Incident 13146).
R3	Written report			
R3.1	<p>Where an authorised officer of the EPA suspects on reasonable grounds that:</p> <p>a) where this licence applies to premises, an event has occurred at the premises; or</p> <p>b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.</p>	<ul style="list-style-type: none"> • Blast Overpressure Exceedance - Pollution Line Incident 123616, 16 Sep 2010 • Email from DECCW (Allen Bawden) Requesting a Written Report on Incident 1213616 	Compliant	<p>A written Bloomfield Significant Incident Investigation Report prepared for the Blast Overpressure Exceedance reported to the -Pollution Line (Incident 123616) on 16 September 2010, was submitted to the DECCW following a request from Allen Bawden of DECCW. The report provided:</p> <ul style="list-style-type: none"> • Investigation Team; • Incident Description; • Initial Incident Response; • Events Related to the Incident; • Investigation Conclusions; and • Follow-up.
R3.2	The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.		Noted	
R3.3	<p>The request may require a report which includes any or all of the following information:</p> <p>a) the cause, time and duration of the event;</p> <p>b) the type, volume and concentration of every pollutant discharged as a result of the event;</p> <p>c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;</p> <p>d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who</p>	<ul style="list-style-type: none"> • Blast Overpressure Exceedance - Pollution Line Incident 123616, 16 Sep 2010 • Pacific National Diesel Spill from Locomotive, 9 Jan 2011 • Blast Overpressure Exceedance - Pollution Line Incident 135198, 9 Mar 2012 • Water Discharge EC Exceedance - Pollution Line Incident 13146, 	Compliant	<p>Written Bloomfield Significant Incident Investigation Reports prepared for the events listed in EPL condition R2.2 between 2010 and 2012 provided:</p> <ul style="list-style-type: none"> • Incident Description • Initial Incident Response • Attendance during the Incident • Incident Outcome • Events Related to the Incident • Investigation Conclusion

Condition No.	EPL Condition		Compliance Status	Comments
	witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort; e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants; f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and g) any other relevant matters.	17 Nov 2012		<ul style="list-style-type: none"> Follow-up Site Remediation (if required)
R3.4	The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.		Noted	
R4	Other reporting conditions			
R4.1	Reporting blasting limit exceedence The licensee must report any exceedence of the licence blasting limits to the regional office of the EPA as soon as practicable after the exceedence becomes known to the licensee or to one of the licensee's employees or agents.	<ul style="list-style-type: none"> Bloomfield Colliery Significant Investigation Report to DECCW dated 22 Sep 2010 Letter from DECCW re Penalty Notice, 1 Nov 2010 Email to DoP re Blast Exceedence, 9 Mar 2012 Letter to OEH re Blast Exceedence on 9 Mar 2012, dated 13 Mar 2012 Letter from EPA re Blast Overpressure Exceedence, 20 Mar 2012 	Compliant	<ul style="list-style-type: none"> Bloomfield have provided written details of any incidents within 7 days of the incident occurring (e.g. refer to blast reporting condition R4.1). Two exceedences of the blast overpressure criteria have been reported between 2010 and 2012: Bloomfield Colliery reported an overpressure value of 127.9dBL on 16 September 2010 to DECCW and received a Penalty Infringement Notice (PIN) on 1 November 2010. An overpressure value of 120.6dBL that exceeded the 120dBL criteria on 9 March 2012 was reported to DoP and OEH. The EPA issued an Official Caution Notice to Bloomfield on 20 March 2012.
7	General conditions			
G.1	Copy of licence kept at the premises			
G1.1	A copy of this licence must be kept at the premises to which the licence applies.		Compliant	A copy of EPL No. 369 is available on the premises at the Bloomfield Colliery administration Office – Environment Manager.
G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.		Noted	-
G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.		Noted	-
8	Pollution Studies and Reduction Programs			
U1	Coal Mine Particulate Matter Control Best Practice			
U1.1	The Licensee must conduct a site specific Best Management Practice (BMP) determination to identify the most practicable means to reduce particle emissions.	<ul style="list-style-type: none"> Bloomfield Coal Mine Particulate Matter – Best Management Practice Pollution Reduction Program, Todoroski Air Services, 25 Jun 2012 	Compliant	
U1.2	The Licensee must prepare a report which includes, but is not necessarily limited to, the following:	<ul style="list-style-type: none"> Bloomfield Coal Mine Particulate Matter – Best Management 	Compliant	The Particulate Matter – Best Management Practice Pollution Reduction Program prepared by AleksTodoroski

Condition No.	EPL Condition		Compliance Status	Comments
	<ul style="list-style-type: none"> - identification, quantification and justification of existing measures that are being used to minimise particle emissions; - identification, quantification and justification of best practice measures that could be used to minimise particle emissions; - evaluation of the practicability of implementing these best practice measures; and - a proposed timeframe for implementing these best practice measures. <p>In preparing the report, the Licensee must utilise the document entitled <i>Coal Mine Particulate Matter Control Best Practice – Site Specific Determination Guideline – November 2011</i>.</p>	Practice Pollution Reduction Program, Todoroski Air Services, 25 Jun 2012		<p>and includes:</p> <ul style="list-style-type: none"> • identification, quantification and justification of existing measures that are being used to minimise particle emissions (section 3 - Emissions Inventory); • identification, quantification and justification of best practice measures that could be used to minimise particle emissions (section 3.2 - Analysis of Potential Control Measures); • evaluation of the practicability of implementing these best practice measures (section 3.2 - Analysis of Potential Control Measures); and • a proposed timeframe for implementing these best practice measures (section 4 - Timing of Additional Works).
U1.3	All cost related information is to be included as Appendix 1 of the Report required by condition U1.2 above.		Compliant	Cost related to the Particulate Matter – Best Management Practice Pollution Reduction Program were not included in the report enabling the report to be placed in full on the Bloomfield website.
U1.4	The Report required by condition U1.2 must be submitted by the Licensee to the Office of Environment and Heritage's Regional Manager Hunter, at PO Box 488G, NEWCASTLE WEST 2302 by 29 June 2012.	<ul style="list-style-type: none"> • Letter to Karen Marler Head Regional Operations Unit – Hunter re Pollution Reduction Program, 29 Jun 2012 	Compliant	The Bloomfield Coal Mine Particulate Matter – Best Management Practice Pollution Reduction Program, prepared by Todoroski Air Services was submitted to the OEH on 29 Jun 2012.
U1.5	The report required by condition U1.2 above, except for cost related information contained in Appendix 1 of the Report, must be made publicly available by the Licensee on the Licensee's website by 6 July 2012.	<ul style="list-style-type: none"> • Bloomfield Coal Mine Particulate Matter – Best Management Practice Pollution Reduction Program, Todoroski Air Services, 25 Jun 2012 	Compliant	The Bloomfield Coal Mine Particulate Matter – Best Management Practice Pollution Reduction Program, is available on the Bloomfield Colliery website.

Attachment D

Consolidated Coal Lease No. 361

Conditions 2 to 8 and 12 to 16 are identified as conditions relating to environmental management for the purpose of Section 374A(1) of the *Mining Act 1992*.

Condition No.	Consolidated Coal Lease Condition	Verification	Compliance Status	Comments
2	Environmental Harm			
	(a) The lease holder must implement all practicable measures to prevent and/or minimise any harm to the environment that may result from the construction, operation or rehabilitation of any activities under this lease.		Compliant	Bloomfield Colliery have implemented environmental management plans and environmental monitoring programs for the open cut operations in accordance with the Project Approval and Environment Protection Licence to minimise the potential of environmental harm from the activities conducted on CCL 361.
3	Mining Operations Plan (MOP)			
	(a) Mining operations must not be carried out otherwise than in accordance with a Mining Operations Plan that has been approved by the Director-General.	2004-2010 Mining Operations Plan Interim Mining Operations Plan Guidelines, DTIRIS, Nov 2011. 2012-2016 Mining Operations Plan Letter from DRE re approval of the MOP, 16 Jan 2013	Compliant	The revised and updated 2012-2016 Mining Operations Plan was prepared by Bloomfield to address the requirements of and in accordance with the Department of Trade and Investment, Regional Infrastructure and Services (DTIRIS) Interim Mining Operations Plan Guidelines (November 2011). The 2012-2016 MOP was approved by Division of Resources and Energy (DRE) on 16 January 2013.
4	Environmental Management Report			
	(a) The lease holder must lodge Environmental Management Reports (EMR) with the Director-General annually or at dates otherwise directed by the Director-General. (b) The EMR must: ii) Report against compliance with the MOP; iii) Report on progress in respect of rehabilitation completion criteria; iv) Report on the extent of compliance with regulatory requirements; and v) Have regard to any relevant guidelines adopted by the Director-General.	2010-2011 Annual Environmental Management Report 2011-2012 Annual Environmental Management Report	Compliant	The environmental management report has been prepared to address: (i) compliance with the MOP (section 2.4 Mining; section 5.3 Further Development of the Final Rehabilitation Plan; section 6 Activities Proposed in the Next AEMR Period); (ii) progress in respect of rehabilitation completion criteria (5.3 Further Development of the Final Rehabilitation Plan); (iii) extent of compliance with regulatory requirements (section 3 Environmental Management and Performance); and (iv) have regard to any relevant guidelines adopted by the Director-General (section 1.1 Consents, Leases and Licenses).
5	Environmental Incident Report			
	(a) The lease holder must report any environmental incidents. The report must: ii) Be prepared according to any relevant Department Guidelines; iii) Be submitted within 24 hours of the environmental	<ul style="list-style-type: none"> Blast Overpressure Exceedance - Pollution Line Incident 123616, 16 Sep 2010 Pacific National Diesel Spill from Locomotive, 9 Jan 2011 	Compliant	Environmental Incident Reports have been prepared by Bloomfield for any notifiable incidents. Written Bloomfield Significant Incident Investigation Reports were prepared for the following events between 2010 and 2012:

Condition No.	Consolidated Coal Lease Condition	Verification	Compliance Status	Comments
	incident occurring.	<ul style="list-style-type: none"> Blast Overpressure Exceedance- Pollution Line Incident 135198, 9 Mar 2012 Water Discharge EC Exceedance - Pollution Line Incident 13146, 17 Nov 2012 		<ul style="list-style-type: none"> Blast Overpressure Exceedance (127.9dBL) at the Elliot residence on 16 September 2010 was reported to the Pollution Line (Incident 123616); Pacific National Diesel Spill from Locomotive on 9 January 2011 report was prepared with incident response detailed and remediation of the site; Blast Overpressure Exceedance (120.6dBL) at the McNaughton residence on 9 March 2012 was reported to the Pollution Line (Incident 135198); Water Discharge Exceedance of Electrical Conductivity occurred on 17 November 2012 and reported to Pollution Line (Incident 13146).
6	Additional Environmental Reports			
	Additional environmental reports may be required from time to time as directed in writing by the Director-General and must be lodged as instructed.		Noted	
7	Rehabilitation			
	Any disturbance as a result of activities under this lease must be rehabilitated to the satisfaction of the Director-General.	2012-2016 Mining Operations Plan	Noted	
8	Subsidence Management			
	(a) The lease holder shall prepare a Subsidence Management Plan prior to commencing any underground mining operations which will potentially lead to subsidence of the land surface.		Not applicable	The current Bloomfield Colliery operations involve open cut mining.
10	Blasting			
	(a) Ground Vibration The lease holder must ensure that the ground vibration peak particle velocity generated by any blasting within the lease area does not exceed 10mm/s and does exceed 5mm/s in more than 5% of the total number of blasts over a 12 month period at any dwelling or occupied premises, unless determined otherwise by the DECCW (OEH).	<ul style="list-style-type: none"> 2010-2011 AEMR section 3.8 and Appendix C 2011-2012 AEMR section 3.8 and Appendix C 	Compliant	(a) Monitoring of vibration (mm/s) occurred for all blasts during 2009-2012 and no vibration results exceeded 5mm/s.
	(b) Blast Overpressure The lease holder must ensure that the blast overpressure noise level generated by any blasting within the lease area does not exceed 120dBL and does exceed 115dBL in more than 5% of the total number of blasts over a 12 month period at any dwelling or occupied premises, unless determined otherwise by the DECCW (OEH).	<ul style="list-style-type: none"> RCA Acoustics Blast Result Reports 	Non-compliant	(b) Air blast overpressure was compliant with EPL condition L4.2 (a) – 5% <115dBL at all sites for all blasts monitored. Air blast overpressure was exceeded for EPL condition L4.2 (b) on one (1) occasion at the Elliot residence on 16 September 2010 (127.9dBL) and one occasion at the McNaughton residence on 9 March 2012 (120.6dBL). Both these exceedances were reported to the EPA (OEH).
12	Prevention of soil erosion and pollution			
	Operations must be carried out in a manner that does not cause or aggravate air pollution, water pollution (including sedimentation) or soil contamination or erosion unless otherwise authorised by a relevant approval and in accordance with the Mining Operations Plan.	<ul style="list-style-type: none"> 2012-2016 Mining Operations Plan Erosion and Sediment Control Plan Integrated Environmental 	Compliant	The Bloomfield Project operations have been carried out in accordance with the environmental management plans and environmental monitoring programs for control of air pollution, water pollution and erosion and sediment control as authorised under the Project Approval and EPL approvals and in accordance with the Bloomfield Mining

Condition No.	Consolidated Coal Lease Condition	Verification	Compliance Status	Comments
		Monitoring Program <ul style="list-style-type: none"> • Air Quality Monitoring Program • Water Management Plan • 2010-2011 Annual Environmental Management Report • 2011-2012 Annual Environmental Management Report 		Operations Plan.
13	Transmission lines, Communication lines and Pipelines			
	Operations must not interfere with or impair the stability or efficiency of any transmission line, communications line or pipeline or other utility on the lease area without the prior written approval of the Director-General and subject to any conditions stipulated.		Compliant	No interference with or impairment with the stability or efficiency of any transmission line, communications line or pipeline or other utility occurred within the CCL 361 area between 2010 and 2012.
15	Trees and Vegetation			
	(a) The lease holder must not fell trees, strip bark or cut timber on any land subject of this lease without the consent of the landholder who is entitled to the use of the timber.	Land Disturbance Management Procedure, 10 Oct 2012	Compliant	No clearance or disturbance of vegetation occurred on the CCL 361 area between 2010 and 2012.