



File No. 14/1985

NARRABRI COAL PTY LTD
PO Box 600
GUNNEDAH
NSW 2380

Dear Sir/Madam

Mining Lease 1609 (Act 1992)
AMENDMENT OF THE SUBSIDENCE MANAGEMENT PLAN CONDITION

In accordance with the provisions of Section 239(2) of the *Mining Act 1992*, the Minister has amended the Subsidence Management Plan (SMP) condition on this lease by imposing an alternative Extraction Plan condition.

The new condition supports the unification of the Department of Planning & Environment (DPE) Extraction Plan with the Division of Resources and Energy (DRE) Subsidence Management Plan process. This will result in one plan and one approval and is a significant reduction in red tape. The new process is also consistent with, and will facilitate an orderly transition to the new *Work Health and Safety (Mines) Act 2013* regulatory framework.

The new condition requires the lease holder to have an approved Extraction Plan in place which provides for the effective management of subsidence risks prior to undertaking underground mining operations that may cause subsidence. Importantly, the condition:

- Recognises Extraction Plans approved by the Minister for Planning as an approved Extraction Plan for the purposes of the Mining Lease
- Saves existing Subsidence Management Plans and recognises them as Extraction Plans for the purpose of the Mining Lease
- Allows lease holders time to transition to the new requirements by providing for the approval of Subsidence Management Plans submitted on or before 31 December 2014 as Extraction Plans for the purposes of the Mining Lease

The amendment takes effect from 1 July 2014.

Rather than approving future Extraction Plans, DRE will advise DPE in their approval process. DRE will also be able to direct or take other compliance actions to require lease holders to amend deficient plans. Any compliance actions undertaken by DRE will be in the context of mining and safety legislative requirements only and are subject to procedural fairness.

The existing DRE Subsidence Management Plan and draft DPE Extraction Plan guidelines are intended to be replaced with a single revised Extraction Plan guideline covering the regulatory requirements of both DPE and DRE. These guidelines will provide further clarity as to the approval process and regulatory responsibilities of each agency.

Further information can be found at www.resourcesandenergy.nsw.gov.au/miners-and-explorers/applications-and-approvals/environmental-assessment/subsidence-management or by contacting Paul Langley, DRE Subsidence Executive Officer on 4931 6448 or at paul.langley@trade.nsw.gov.au.

The enclosed Instrument of Amendment should be placed with the original documents for this authority.

Thank you for your assistance in implementing this important reduction in red tape.

Yours sincerely

A handwritten signature in black ink, reading "B. W. Mullard". The signature is written in a cursive, flowing style.

Brad Mullard
Executive Director

Encl.

INSTRUMENT OF AMENDMENT

I, as delegate of the Minister for Resources and Energy for the State of New South Wales, under delegation dated 30 November 2010, and pursuant to section 239(2) of the Mining Act 1992, amend Mining Lease 1609 (Act 1992) as follows:

Condition 8 is amended by deleting the existing condition and replacing it with the condition set out below.

Extraction Plan Condition

(a) In this condition:

(i) **approved Extraction Plan** means a plan, being:

A. an extraction plan or subsidence management plan approved in accordance with the conditions of a relevant development consent and provided to the Secretary; or

B. a subsidence management plan relating to the mining operations subject to this lease:

I. submitted to the Secretary on or before 31 December 2014; and

II. approved by the Secretary.

(ii) **relevant development consent** means a development consent or project approval issued under the *Environmental Planning & Assessment Act 1979* relating to the mining operations subject to this lease.

(b) The lease holder must not undertake any underground mining operations that may cause subsidence except in accordance with an approved Extraction Plan.

(c) The lease holder must ensure that the approved Extraction Plan provides for the effective management of risks associated with any subsidence resulting from mining operations carried out under this lease.

(d) The lease holder must notify the Secretary within 48 hours of any:

(i) incident caused by subsidence which has a potential to expose any person to health and safety risks;

(ii) significant deviation from the predicted nature, magnitude, distribution, timing and duration of subsidence effects, and of the potential impacts and consequences of those deviations on built features and the health and safety of any person; or

(iii) significant failure or malfunction of a monitoring device or risk control measure set out in the approved Extraction Plan addressing:

A. built features;

B. public safety; or

C. subsidence monitoring.

This amendment is effective from 1 July 2014.

SIGNED

A handwritten signature in black ink, appearing to read "B. W. Mullard". The signature is fluid and cursive, with the first letters of each name being capitalized and prominent.

Under delegation
Brad Mullard
Executive Director, Mineral Resources
Dated: 30 June 2014

Office of State Revenue
NSW Treasury
Client No: 1846988 2372
Duty: N/A Trans No: ML1609
Asst details: COAL
[Signature]

MINING LEASE

MINING ACT 1992

NO 1609

DATED 18 JANUARY 2008

THE MINISTER FOR MINERAL
RESOURCES

OF THE STATE

OF NEW SOUTH WALES

TO

NARRABRI COAL PTY LTD
(ACN 107 813 963)

MINING ACT 1992

MINING LEASE

THIS DEED made the Eighteenth Day of January Two Thousand and Eight in pursuance of the provisions of the Mining Act 1992 (hereinafter called "the Act") BETWEEN **IAN MACDONALD, MLC, MINISTER FOR MINERAL RESOURCES** of the State of New South Wales (hereinafter called "the Minister" which expression shall where the context admits or requires include the successors in office of the Minister and the person acting as such Minister for the time being) AND **NARRABRI COAL PTY LTD ACN 107 813 963** (which with its successors and transferees is hereinafter called "the lease holder") of **895 Ann Street FORTITUDE VALLEY QLD 4006**.

WHEREAS

- (a) in conformity with the Act application was made for a mining lease over the lands hereinafter described; and
- (b) all conditions and things required to be done and performed before granting a mining lease under the Act have been done and performed NOW THIS DEED WITNESSETH that in consideration of the observance and performance of the covenants contained in this Deed and the payment of royalty by the lease holder, the Minister in pursuance of the provisions of the Act DOES HEREBY demise and lease to the lease holder ALL THAT piece or parcel of land containing by admeasurement **5298** hectares as shown on Plan No. **M27116**, more particularly described and delineated in the plan attached for the purpose of prospecting and mining for **COAL**.

TO HOLD the said land together with any appurtenances thereon subject to:

- (a) such rights and interests as may be lawfully subsisting therein or which may be reserved by the Act at the date of this Deed; and
 - (b) such conditions, provisos and stipulations as are contained in this Deed UNTO the lease holder from and including the date of this Deed for the term of **twenty-one (21) years**, for the purpose as stated and for no other purpose.
1. THAT in this lease except insofar as the context otherwise indicates or requires:

- (a) any reference to an Act includes that Act and any Act amending or in substitution for the same; "Director-General" means the person for the time being holding office or acting as Director-General, Department of Primary Industries; the word "mine" has the meaning assigned to it by the Act; words importing the singular number shall include the plural, the masculine gender the feminine or neuter gender and vice versa; and
 - (b) any covenant on the part of two or more persons shall be deemed to bind them jointly and severally.
- 2. THAT the lease holder shall during the said term pay to the Minister in Sydney in respect of all such minerals as stated, recovered from the land hereby demised, royalty at the rate or rates prescribed by the Act and the Regulations thereunder at the time the minerals are recovered, or at the rate or rates fixed by the Minister from time to time during the term of this demise in exercise of the power in that behalf conferred upon him by the Act.
- 3. THAT the lease holder shall at all times during the term of this lease keep and preserve the said mine from all avoidable injury or damage and also the levels, drifts, shafts, watercourses, roadways, works, erections and fixtures therein and thereon in good repair and condition and in such state and condition shall on the expiration or sooner determination of the said term or any renewal thereof deliver possession of the land and the premises hereby demised to the Minister or other persons authorised to receive possession thereof.

4. THAT the conditions and provisions set forth in the Schedule of Mining Lease Conditions 2007 herein and numbered: **1-23 (inclusive) and 25-27 (inclusive)** are embodied and incorporated within this Deed as conditions and provisions of the lease hereby granted AND that the lease holder shall observe fulfil and perform the same. Condition Nos. 2-8 inclusive, and 17- 23 (inclusive) are identified as conditions relating to environmental management for the purposes of Sections 125(3) and 374A of the Mining Act 1992.

PROVIDED always and it is hereby declared as follows:

- (a) THAT this lease is granted subject to amendment as provided under Section 79 of the Act.
- (b) THAT if the lease holder at any time during the term of this demise -
 - (i) fails to fulfil or contravenes the covenants and conditions herein contained; or
 - (ii) fails to comply with any provision of the Act or the Regulations with which the lease holder is required to comply; or
 - (iii) fails to comply with the requirements of any agreement or assessment in relation to the payment of compensation,this lease may be cancelled by the Minister by instrument in writing and the cancellation shall have effect from and including the date on which notice of the cancellation is served on the lease holder or on such later date as is specified in the notice; and any liability incurred by the lease holder before the cancellation took effect shall not be affected.
- (c) THAT no implied covenant for title or for quiet enjoyment shall be contained herein.
- (d) THAT all the conditions and provisions contained in the Mining Act 1992 and the Regulations thereunder, the Mines Inspection Act 1901 and the Coal Mines Regulation Act 1982 or any other law hereafter to be passed or prescribed shall be incorporated within this Deed as conditions and provisions of the lease granted. The lease holder hereby covenants to observe, fulfil and perform the same.
- (e) THAT such of the provisions and conditions declared and contained in this Deed as requiring anything to be done or not to be done by the lease holder, shall be read and construed as covenants by the lease holder with the Minister which are to be observed and performed.

IN WITNESS WHEREOF the parties hereto have executed this Deed the day and year first abovewritten.

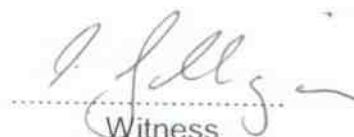
SIGNED AND DELIVERED
BY

NARRABRI COAL PTY LTD
(ACN 107 813 963)



in the presence of

A. GALLIGAN


Witness

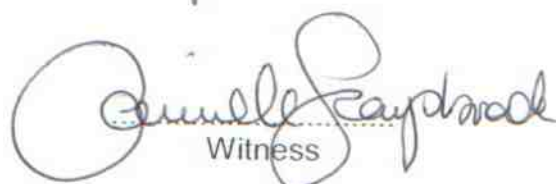
SIGNED AND DELIVERED

BY THE HON VERITY FIRTH MP,
FOR AND ON BEHALF OF THE
MINISTER FOR MINERAL RESOURCES



in the presence of

Camille Scaysbrook


Witness

MINING LEASE CONDITIONS 2007

Notice to Landholders

1. Within a period of three months from the date of grant/renewal of this lease or within such further time as the Minister may allow, the lease holder must serve on each landholder of the land a notice in writing indicating that this lease has been granted/renewed and whether the lease includes the surface. An adequate plan and description of the lease area must accompany the notice.

If there are ten or more landholders affected, the lease holder may serve the notice by publication in a newspaper circulating in the region where the lease area is situated. The notice must indicate that this lease has been granted/renewed; state whether the lease includes the surface and must contain an adequate plan and description of the lease area.

Environmental Harm

2. The proponent shall implement all practicable measures to prevent and/or minimise any harm to the environment that may result from the construction, operation or rehabilitation of the development.

Mining Operations Plan

3. (a) Mining operations must not be carried out otherwise than in accordance with a Mining Operations Plan (MOP) which has been approved by the Director-General of the Department of Primary Industries.
- (b) The MOP must:
 - identify areas that will be disturbed by mining operations;
 - detail the staging of specific mining operations;
 - identify how the mine will be managed to allow mine closure;
 - identify how mining operations will be carried out on site in order to prevent and or minimise harm to the environment;
 - reflect the conditions of approval under:
 - the *Environmental Planning and Assessment Act 1979*
 - the *Protection of the Environment Operations Act 1997*
 - and any other approvals relevant to the development including the conditions of this lease; and
 - have regard to any relevant guidelines adopted by the Director-General.
- (c) The titleholder may apply to the Director-General to amend an approved MOP at any time.
- (d) It is not a breach of this condition if:
 - i) the operations constituting the breach were necessary to comply with a lawful order or direction given under the *Mining Act 1992*, the *Environmental Planning and Assessment Act 1979*, *Protection of the Environment Operations Act 1997* or the *Occupational Health and Safety Act 2000*; and
 - ii) the Director-General had been notified in writing of the terms of the order or direction prior to the operations constituting the breach being carried out.

- (e) A MOP ceases to have affect 7 years after date of approval or other such period as identified by the Director-General. An approved amendment to the MOP under condition 5 does not constitute an approval for the purpose of this paragraph unless otherwise identified by the Director-General.

Environment Management Reporting

4. The lease holder must lodge Environmental Management Reports (EMR) with The Director-General annually or at dates otherwise directed by the Director-General.
5. The EMR must:
- report against compliance with the MOP;
 - report on progress in respect of rehabilitation completion criteria;
 - report on the extent of compliance with regulatory requirements; and
 - have regard to any relevant guidelines adopted by the Director-General;
6. Additional environmental reports may be required on specific surface disturbing operations or environmental incidents from time to time as directed in writing by the Director-General and must be lodged as instructed.

Rehabilitation

7. Disturbed land must be rehabilitated to a sustainable/agreed end land use to the satisfaction of the Director-General.

Subsidence Management

8. (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.
- (b) Underground mining operations which will potentially lead to subsidence include secondary extraction panels such as longwalls or miniwalls, associated first workings (gateroads, installation roads and associated main headings, etc), and pillar extractions, and are otherwise defined by the *Applications for Subsidence Management Approvals guidelines (EDG17)*
- (c) The lease holder must not commence or undertake underground mining operations that will potentially lead to subsidence other than in accordance with a Subsidence Management Plan approved by the Director-General, an approval under the *Coal Mine Health and Safety Act 2002*, or the document *New Subsidence Management Plan Approval Process – Transitional Provisions (EDP09)*.
- (d) Subsidence Management Plans are to be prepared in accordance with the *Guideline for Applications for Subsidence Management Approvals*.
- (e) Subsidence Management Plans as approved shall form part of the Mining Operations Plan required under Condition 2 and will be subject to the Annual Environmental Management Report process as set out under Condition 3. The SMP is also subject to the requirements for subsidence monitoring and reporting

set out in the document *New Approval Process for Management of Coal Mining Subsidence - Policy*.

Working Requirement

9. The lease holder must:
- (a) ensure that at least 212 competent people are efficiently employed on the lease area on each week day except Sunday or any week day that is a public holiday,
- OR
- (b) expend on operations carried out in the course of prospecting or mining the lease area, an amount of not less than \$3,710,000 per annum whilst the lease is in force.

The Minister may at any time or times, by instrument in writing served on the lease holder, increase or decrease the expenditure required or the number of people to be employed.

Control of Operations

10. (a) If an Environmental Officer of the Department believes that the lease holder is not complying with any provision of the Act or any condition of this lease relating to the working of the lease, he may direct the lease holder to:-
- (i) cease working the lease; or
 - (ii) cease that part of the operation not complying with the Act or conditions;
- until in the opinion of the Environmental Officer the situation is rectified.
- (b) The lease holder must comply with any direction given. The Director-General may confirm, vary or revoke any such direction.
- (c) A direction referred to in this condition may be served on the Mine Manager.

Reports

11. The lease holder must provide an exploration report, within a period of twenty-eight days after each anniversary of the date this lease has effect or at such other date as the Director-General may stipulate, of each year. The report must be to the satisfaction of the Director-General and contain the following:
- (a) Full particulars, including results, interpretation and conclusions, of all exploration conducted during the twelve months period;
 - (b) Details of expenditure incurred in conducting that exploration;
 - (c) A summary of all geological findings acquired through mining or development evaluation activities;
 - (d) Particulars of exploration proposed to be conducted in the next twelve months period;

- (e) All plans, maps, sections and other data necessary to satisfactorily interpret the report.

Licence to Use Reports

12. (a) The lease holder grants to the Minister, by way of a non-exclusive licence, the right in copyright to publish, print, adapt and reproduce all exploration reports lodged in any form and for the full duration of copyright.
- (b) The non-exclusive licence will operate as a consent for the purposes of section 365 of the Mining Act 1992.

Confidentiality

13. (a) All exploration reports submitted in accordance with the conditions of this lease will be kept confidential while the lease is in force, except in cases where:
- (i) the lease holder has agreed that specified reports may be made non-confidential.
- (ii) reports deal with exploration conducted exclusively on areas that have ceased to be part of the lease.
- (b) Confidentiality will be continued beyond the termination of a lease where an application for a flow-on title was lodged during the currency of the lease. The confidentiality will last until that flow-on title or any subsequent flow-on title, has terminated.
- (c) The Director-General may extend the period of confidentiality.

Terms of the non-exclusive licence

14. The terms of the non-exclusive copyright licence granted under condition 12 are:
- (a) the Minister may sub-licence others to publish, print, adapt and reproduce but not on-licence reports.
- (b) the Minister and any sub-licensee will acknowledge the lease holder's and any identifiable consultant's ownership of copyright in any reproduction of the reports, including storage of reports onto an electronic database.
- (c) the lease holder does not warrant ownership of all copyright works in any report and, the lease holder will use best endeavours to identify those parts of the report for which the lease holder owns the copyright.
- (d) there is no royalty payable by the Minister for the licence.
- (e) if the lease holder has reasonable grounds to believe that the Minister has exercised his rights under the non-exclusive copyright licence in a manner which adversely affects the operations of the lease holder, that licence is revocable on the giving of a period of not less than three months notice.

Blasting

15. (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 10 mm/second and does not exceed 5 mm/second in more than 5% of the total number of blasts over a period of 12 months at any dwelling or occupied premises as the case may be, unless determined otherwise by the Department of Climate Change and Environment.

(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 120 dB (linear) and does not exceed 115 dB (linear) in more than 5% of the total number of blasts over a period of 12 months, at any dwelling or occupied premises, as the case may be, unless determined otherwise by the Department of Climate Change and Environment.

Safety

16. Operations must be carried out in a manner that ensures the safety of persons or stock in the vicinity of the operations. All drill holes shafts and excavations must be appropriately protected, to the satisfaction of the Director-General, to ensure that access to them by persons and stock is restricted. Abandoned shafts and excavations opened up or used by the lease holder must be filled in or otherwise rendered safe to a standard acceptable to the Director-General.

Exploratory Drilling

17. (1) At least twenty eight days prior to commencement of drilling operations the lease holder must notify the relevant Department of Climate Change and Environment regional hydrogeologist of the intention to drill exploratory drill holes together with information on the location of the proposed holes.
- (2) If the lease holder drills exploratory drill holes he must satisfy the Director-General that:-
- (a) all cored holes are accurately surveyed and permanently marked in accordance with Departmental guidelines so that their location can be easily established;
 - b) all holes cored or otherwise are sealed to prevent the collapse of the surrounding surface;
 - (c) all drill holes are permanently sealed with cement plugs to prevent surface discharge of groundwaters;
 - (d) if any drill hole meets natural or noxious gases it is plugged or sealed to prevent their escape;

- (e) if any drill hole meets an artesian or sub-artesian flow it is effectively sealed to prevent contamination of aquifers.
- (f) once any drill hole ceases to be used the hole must be sealed in accordance with Departmental guidelines. Alternatively, the hole must be sealed as instructed by the Director-General.
- (g) once any drill hole ceases to be used the land and its immediate vicinity is left in a clean, tidy and stable condition.

Prevention of Soil Erosion and Pollution

- 18. 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 an accepted Mining Operations Plan. For the purpose of this condition, water shall be taken to include any watercourse, waterbody or groundwaters. The lease holder must observe and perform any instructions given by the Director-General in this regard.

Transmission lines, Communication lines and Pipelines

- 19. Operations must not interfere with or impair the stability or efficiency of any transmission line, communication line, pipeline or any other utility on the lease area without the prior written approval of the Director-General and subject to any conditions he may stipulate.

Fences, Gates

- 20. (a) Activities on the lease must not interfere with or damage fences without the prior written approval of the owner thereof or the Minister and subject to any conditions the Minister may stipulate.
- (b) Gates within the lease area must be closed or left open in accordance with the requirements of the landholder.

Roads and Tracks

- 21. (a) Operations must not affect any road unless in accordance with an accepted Mining Operations Plan or with the prior written approval of the Director-General and subject to any conditions he may stipulate.
- (b) The lease holder must pay to the designated authority in control of the road (generally the local council or the Roads and Traffic Authority) the cost incurred in fixing any damage to roads caused by operations carried out under the lease, less any amount paid or payable from the Mine Subsidence Compensation Fund.
- 22. Access tracks must be kept to a minimum and be positioned so that they do not cause any unnecessary damage to the land. Temporary access tracks must be ripped, topsoiled and revegetated as soon as possible after they are no longer required for mining operations. The design and construction of access tracks must be in accordance with specifications fixed by the Department of Climate Change and Environment.

Trees and Timber

23. (a) The lease holder must not fell trees, strip bark or cut timber on the lease without the consent of the landholder who is entitled to the use of the timber, or if such a landholder refuses consent or attaches unreasonable conditions to the consent, without the approval of a warden.
- (b) The lease holder must not cut, destroy, ringbark or remove any timber or other vegetative cover on the lease area except such as directly obstructs or prevents the carrying on of operations. Any clearing not authorised under the Mining Act 1992 must comply with the provisions of the Native Vegetation Act 2003.
- (c) The lease holder must obtain all necessary approvals or licences before using timber from any Crown land within the lease area.

Resource Recovery

25. (a) Notwithstanding any description of mining methods and their sequence or of proposed resource recovery contained within the Mining Operations Plan, if at any time the Director-General is of the opinion that minerals which the lease entitles the lease holder to mine and which are economically recoverable at the time are not being recovered from the lease area, or that any such minerals which are being recovered are not being recovered to the extent which should be economically possible or which for environmental reasons are necessary to be recovered, he may give notice in writing to the lease holder requiring the holder to recover such minerals.
- (b) The notice shall specify the minerals to be recovered and the extent to which they are to be recovered, or the objectives in regard to resource recovery, but shall not specify the processes the lease holder shall use to achieve the specified recovery.
- (c) The lease holder must, when requested by the Director-General, provide such information as the Director-General may specify about the recovery of the mineral resources of the lease area.
- (d) The Director-General shall issue no such notice unless the matter has firstly been thoroughly discussed with and a report to the Director-General has incorporated the views of the lease holder.
- (e) The lease holder may object to the requirements of any notice issued under this condition and on receipt of such an objection the Minister shall refer it to a Warden for inquiry and report under Section 334 of the Mining Act, 1992.
- (f) After considering the Warden's report the Minister shall decide whether to withdraw, modify or maintain the requirements specified in the original notice and shall give the lease holder written notice of the decision. The lease holder must comply with the requirements of this notice.

Indemnity

26. The lease holder must indemnify and keep indemnified the Crown from and against all actions, suits, claims and demands of whatsoever nature and all costs, charges and expenses which may be brought against the lease holder or which the lease holder may

incur in respect of any accident or injury to any person or property which may arise out of the construction, maintenance or working of any workings now existing or to be made by the lease holder within the lease area or in connection with any of the operations notwithstanding that all other conditions of this lease shall in all respects have been observed by the lease holder or that any such accident or injury shall arise from any act or thing which the lease holder may be licensed or compelled to do.

Security

27. (a) A security in the sum of \$100,000 must be given and maintained with the Minister by the lease holder for the purpose of ensuring the fulfilment by the lease holder of obligations under this lease. If the lease holder fails to fulfil any one or more of such obligations the said sum may be applied at the discretion of the Minister towards the cost of fulfilling such obligations. For the purpose of this clause the lease holder shall be deemed to have failed to fulfil the obligations of this lease if the lease holder fails to comply with any condition or provision hereof, any provision of the Act or regulations made thereunder or any condition or direction imposed or given pursuant to a condition or provision hereof or of any provision of the Act or regulations made thereunder.
- (b) The lease holder must provide the security required by sub-clause (a) in one of the following forms:
- (i) cash,
- (ii) a security certificate in a form approved by the Minister and issued by an authorised deposit-taking institution.

Trigonometrical Stations and Survey Marks

28. A person must not remove, damage, destroy, displace, obliterate or deface any marks in connection with any trigonometrical station, permanent mark or survey mark unless authorised to do so by the Surveyor-General.