



Centennial Coal



Landowner Communication and Consultation Plan

P-5169

Mandalong Mine

June 2012



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ABBREVIATIONS		
	AEMR	Annual Environmental Management Report
	CHP	Coal Handling Plant
	DOP	Department of Planning & Infrastructure (formerly, DIPNR, DLWC and PNSW)
	OEH	Office of Environment and Heritage
	EIS	Environmental Impact Statement
	EA	Environmental Assessment
	EPL	Environmental Protection Licence
	EL	Exploration Licence
	GHG	Greenhouse Gas
	DRE	Division of Resources and Energy - NSW Department Trade and Investment, Regional Infrastructure and Services (formerly Industry and Investment)
	LMCC	Lake Macquarie City Council
	MMCCC	Mandalong Mine Community Consultative Committee
	MSB	Mine Subsidence Board
	Mtpa	Million Tonne Per Annum
	MOP	Mining Operations Plan
	PSMP	Private Property Subsidence Management Plan
	SMP	Subsidence Management Plan

DEFINITIONS	Complaint	<p>A complaint is an act of expressing resentment, displeasure or grievance.</p> <p>A “complaint” is recorded if: the originator considers that the issue is not resolved as an “enquiry”; or the issue is specifically referred as a complaint from the EPA, Council or DRE.</p>
	Enquiry	An “enquiry” is where a question is asked regarding an environmental issue - air, noise, vibration, water, waste, odour, land or subsidence. This enquiry can come from the community or a regulatory authority. Information is provided in response to this enquiry and this satisfies the issue.
	Local community*	Those people living and working in the nearby community (including minor and major towns) who have an indirect relationship with the project but an active interest in what happens in their part of the world
	Regional community*	The community of people within a region who have a shared interest in the economic, social and environmental profile of the region but in most cases will not live or work near the project itself
	Broader community*	The people of NSW who share in the common interests and aspirations of the State as a whole
	Neighbours*	Those people living or working in direct proximity to a proposed or existing mining operation
	Stakeholder*	Individual or group with an interest in the activities of Centennial Coal. This includes those who do or could influence a decision, as well as those affected by it e.g. neighbours, local, regional and broader community, government, non-government organisations, mining employees and special interest groups

*NB. Definitions from NSW Minerals Council Community Handbook Sept 2006

1.0 Introduction

This plan will focus on the consultation required in relation to the Mine's operations with potential to impact on landowners in the Development Approval (DA 97/800) area and will also include references to various other consultation relating to operations and the Consent Conditions.

2.0 Purpose

The purpose of the Plan is to provide a consistent management framework to identify, inform, consult and involve landowners with an interest in the activities associated with the Mandalong Mine.

3.0 Objectives of the Landowner Consultation and Communication Plan

The objectives of the Landowner Communication and Consultation Plan are to:

- initiate and to maintain communication and consultation with landowners about the Mine's operation and its activities including exploration, subsidence and surface facilities;
- provide landowners with all available information to allow them to participate in the development of PSMPs and to reach informed decisions;
- make landowners aware of all the choices that may be available to them under the Consent Conditions;
- identify and respond to all landowner issues in relation to the operation of the Mine;
- meet the requirements of the Development Consent; and
- monitor, report and make public the effectiveness of this Plan.

This Landowner Communication and Consultation Plan (LCCP) outlines the management of and mechanisms for communication and consultation with landowners in line with the Consent Conditions.

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4.0 Consultation

Consultation with landowners will be undertaken by the Mine to provide information to the landowners based on the level of engagement required to adequately address landowner concerns. The Mine will consult with landowners on mine subsidence issues as described in **Section 6.0**, which provides a consultation process for the Mine to consider and address landowner issues.

The consultation strategy below will be used by the Mine to provide the community and landowners with forums for consultation on the existing and planned Mining operations. This strategy will typically use the methods shown in **Table 1** with other forms of consultation used depending on the type of community engagement required.

Stakeholder	Issues	Engagement Method
Landowners	Subsidence Impacts, Property Access, Exploration, Environmental Impacts, Social Impacts	<ul style="list-style-type: none"> ▪ Community Consultative Committee (via representatives) ▪ Face to Face meetings (if requested) ▪ Letter ▪ Newsletter ▪ Community Facts Sheets
Local Community	Environmental Impacts, Social Impacts.	<ul style="list-style-type: none"> ▪ Newsletter ▪ Centennial Coal Website ▪ Local newspaper

Table 1 - Landowner and Community Consultation Strategy

4.1 Consultation Principles

Mandalong Mine realises the importance on maintaining effective communication with the communities in which we operate. The Mine will employ the following key principles to provide a basis for working with community members on effective community consultation:

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1. INFORM – provide the identified stakeholders with available and balanced information to ensure they understand the nature of the operations, any changes and the likely impacts.
2. CONSULT – consult with the identified stakeholders by providing mechanisms for two way information flows between company and community.
3. INVOLVE – work directly with the identified landowners throughout the process to ensure issues and concerns are understood and considered.

4.2 Consultation Evaluation and Feedback

To receive feedback on consultation from landowners the Mine has established and will operate a community enquiries/complaints line (1800 730 919) to enable landowners to contact the Mine 24 hours a day. The Mine will respond to any registered community enquiries received by this number as described in the Mine's work procedure *"Dealing with Community Complaints and Request of Information"* (WP-137). Follow up contact on complaints will be made by the supervisor or Environmental & Community Coordinator, when the investigation has been completed and no more than 24 hours after the complaint was received. Follow up contact in response to enquiries will be made as soon as information is available to respond and address the enquiry.

Feedback on landowner related matters can also be provided by using the email address (mandalongmine@centennialcoal.com.au) provided on the Centennial Coal, Operations and Community web page. As discussed above, requests for information will be responded to by the Environment and Community Coordinator, Mine Manager or their delegate.

5.0 Mine Operations

Mandalong Mine is owned and operated by Centennial Mandalong Pty Ltd ('Centennial Mandalong'), a subsidiary of Centennial Coal Company Limited ('Centennial') and is located near Morisset in the Newcastle Coalfield of New South Wales. Centennial completed the purchase of Powercoal in August 2002. Centennial was purchased by Banpu Public Company Limited ("Banpu") in November 2010.

The Mine comprises of three main infrastructure areas, to support mining operations: -

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- The Mandalong Mine, consisting of underground workings including a longwall panel, development units, surface infrastructure including office and bathhouses, store and equipment yards, mine fans and gas drainage plant located near Morisset;
- The Cooranbong Services Site, consisting of underground workings and surface infrastructure including Coal Handling Plant (CHP), coal stockpiles, support buildings and private coal haulage road located near Dora Creek and;
- The Delta Entry Site, which encompasses an entry and coal delivery system, near Wyee at the Vales Point Rail Unloader Facility.

The Mandalong Mine was proposed by Powercoal Pty Ltd and an Environmental Impact Statement (“EIS”) was submitted in 1997. The Mine was granted development approval (DA97/800) in October 1998 following a Commission of Inquiry (Col). Mining operations are described in the “Cooranbong Colliery Life Extension Project” EIS (Umwelt 1997) and Mandalong Mine “Modification to Development Consent” Environmental Assessment (EA) (Hansen Bailey 2008). Proposals for future infrastructure (i.e. mine shafts or surface infrastructure) or modifications to operations, not described by these documents will require the Mine to consult with the community before seeking approval as described in **Section 4.0**.

The Mine is situated approximately 130 km north of Sydney supplying coal to the domestic power and to export markets via Newstan Colliery. The Mine as shown in **Figure 1** is located within the proclaimed Mandalong Subsidence District with the Mining Leases situated within Lake Macquarie local government area (LGA) and an exploration licence partially within the Wyong LGA. In relation to neighbours of the Mine’s operation, there are approximately 150 landowners with properties located within the current mining lease areas (ML1543 and ML1443).

Centennial constructed the Mandalong Mine site and decline tunnel near Morisset to access the Mandalong mining area. Coal extraction by longwall mining operations commenced in January 2005 and is expected to produce 5.5 Million Tonne Per Annum (Mtpa). The Mine has approval to extract up to six million tonnes per annum of coal from the West Wallarah Seam using the longwall mining method.

A modification to Mine’s development consent was obtained in 2005 to construct multiple enclosed flares planned to be used to reduce fugitive methane GHG emissions from the Mine’s gas drainage plant. In July 2009 Mandalong Mine received approval from NSW DOP to construct and operate multiple methane gas engines with a total generating capacity of up to 12 MW. Work continues on this project as Centennial plan to reduce fugitive emissions at Mandalong from two methane sources - high concentration drainage gas and

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low concentration ventilation air methane (VAM). Both sources are currently vented to atmosphere and various technologies are being assessed. Community members will be consulted on the planning approvals required for and development of Greenhouse Gas abatement projects as described in **Section 4.0**.

Coal mining operations at Cooranbong Colliery within CCL 762 were completed in 2005 and as such the majority of subsidence impacts have previously occurred and been remediated. Subsidence monitoring as per NSW TIRIS requirements above the Cooranbong Colliery workings will continue to monitor potential mine subsidence impacts. Consultation with landowners, at the Cooranbong Service Site and Delta Entry Site will be in relation to the potential impacts from surface infrastructure including the operating Coal Handling Plants (CHP's) and coal loading facilities.

The Mine's Exploration Licences (EL) entitle the Mine to conduct exploration, including drilling, located as shown in **Figure 1** within Exploration Licences (EL1543, 4969, 4968 & A404) situated above the Mandalong Mine mining area. Exploration for the Mandalong Southern Extension Project ("Project") is undertaken within EL6137 shown in **Figure 1** and consultation is conducted in accordance with the existing "Mandalong Southern Extension Project Exploration Stakeholder Engagement Plan" (Centennial Coal Pty Ltd dated November 2009) contained in **Appendix 5**. The project is required to operate in accordance the conditions in EL6137 and as such the consent conditions in DA97/800 are not applicable.

Centennial Coal ("Limited") owns a number of properties in the Mandalong area, managed by the Centennial Coal Property and Titles Manager. Landowners and community issues as identified in **Section 4.2** relating to the management of Centennial Coal properties will be addressed by the Centennial Coal Property Manager or delegate. Consent condition 42 (DA87/900) requires a Land Management Plan be developed for rural properties acquired by Centennial Coal. These properties are considered "rural holdings" as they have agricultural potential and are being used for this purpose. The Centennial Coal Property Manager or delegate where required will consult with landowners on property related matters and provide feedback on property management to the MMCCC.

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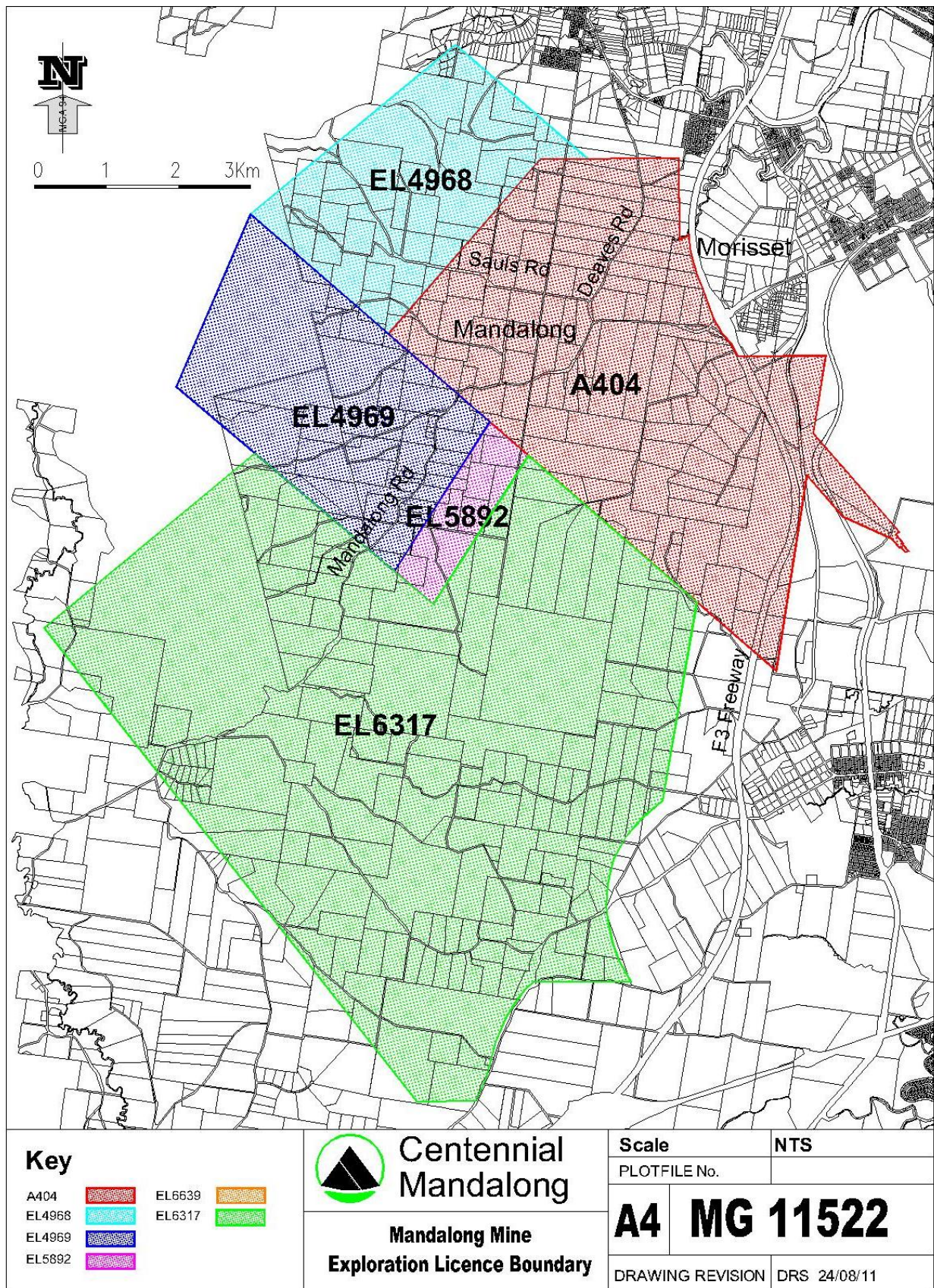


Figure 1 - Exploration Licences

6.0 Description of Operations and Landowner Interaction

6.1 Landowner Concerns and Interactions

Landowners and community members have previously (EIS Umwelt 1998) described their concerns relating to the operation of the Mine. A Social Impact Assessment was undertaken in 2001 by Coakes Consulting interviewing landowners to identify their concerns about Mining. The Mine acknowledge landowner concerns relating to subsidence impacts predicted in the EIS and acted to minimise these by revising the Mine layout to narrow longwall panel design. These concerns and those described during consultation with the MCA (June 2011) on the revised LCCP (Version 5) are:

- Mining impacts on the environment and community;
- Uncertainties relating to resident and landowner rights and predicted effects to property;
- Uncertainties relating to predicted effects to property such as land subsidence, damage to property, and flood levels;
- Environmental issues such as subsidence, flooding and hydrological effects;
- Property acquisition, management and devaluation of private properties;
- Physical damage to roads and infrastructure from subsidence;
- Mental health (stress/anxiety etc) issues relating, to landowners that the mine directly impact;
- Inadequate consultation process leading to suspicion and fear; and
- Social issues relating to company involvement in the community and effects on sense of community.

6.2 Property Subsidence Management Plans

In line with Development Consent Conditions 15 through 17 (refer **Appendix 2**), the Company is required to prepare Property Subsidence Management Plans (PSMP) for each property title if subsidence may cause impacts on privately owned land and submit a Subsidence Management Plan (SMP) for longwall mining to the satisfaction of Executive Director Mineral Resources within DRE.

The process with respect to PSMPs (refer to **Appendix 1** for full details) will involve consultation with each landowner as required by this plan.

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6.3 Development of Property Subsidence Management Plans

Landowner communication and consultation for the PSMP would take place in several phases as the PSMP is developed. Preliminary communication and consultation to understand landowner issues in the development of a PSMP would commence after written advice is provided to the landowner.

The written notification shall provide information including:

- Plan of proposed longwall mining;
- The expected maximum predicted subsidence values and potential impacts of longwall mining below the landowners property based on the best available information;
- An offer to pay any reasonable costs for the landowner to obtain legal or other advice on the PSMP (refer Condition 17 in **Appendix 2**);
- The timing for later phases of landowner consultation, including finalising any relevant PSMP;
- Mine planning, SMP application and approval process;
- The relevant conditions of consent;
- Information on Landowner legal rights who receive a PSMP; and
- SMP approvals process diagram.

6.3.1 PSMP Phase 1

Initial contact with the landowner will focus on the identification of issues to be addressed in the PSMP and arranging access to collect background information (Consent Condition 15– see **Appendix 1**) to assist in the production of a draft PSMP. Such information shall include on agreement from the landowner:

- A detailed survey of the property.
- Structural inspection of buildings.
- Land use studies, including agricultural assessment where a business or enterprise is conducted.
- Flood hydrology study for prosperities in the 1 in 100 year flood plain area.

6.3.2 PSMP Phase 2

Each relevant landowner shall be given a draft PSMP for discussion. The draft PSMP (where possible) will be presented to the Landowner in person by the appointed representative of Mandalong Mine. This will allow any immediate concerns to be addressed and any further issues to be raised and discussed including:

- Predicted impacts and consequences to any dwelling, improvement or land;
- Proposed mitigation measures for the individual property; and

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- Information identifying the landowner's legal rights to acquisition and compensation in accordance with the consent, Mining Act 1992 and Mine Subsidence Board Compensation Act 1961.

6.3.3 PSMP Phase 3

A revision of the PSMP as required based on the issues raised in Phase 2. The changes to the draft PSMP shall be made and re-issued to the landowner.

6.3.4 PSMP Phase 4

The PSMP shall reflect the final position of the Landowner and Mandalong Mine in relation to the proposed longwall mining or secondary extraction. The PSMP shall if required by the landowner contain a section provided by landowner describing their any issues with the final PSMP document.

Please note that Phases 2 and 3 are part of an iterative process and may require more than one round of consultation to fully consider all the issues.

The consultation process would be expected to last from 3 months up to 2 years and involve several meetings depending on the level of effects of mining and the complexity of the issues to be resolved.

6.4 Preparation of Property Subsidence Management Plans

Consent Conditions 15, 16 and 17 (refer to **Appendix 1**) provide a detailed list of inclusions and the process for the preparation of the PSMP.

In preparing a PSMP some of the key issues to be addressed by Centennial are:

- Consult with landowners, taking their views into account, and include in consultation discussions on integrating proposed mitigation works within the management of the property as a whole
- Advise affected landowners of any potential impacts of the proposed mining and review and discuss implementation procedures
- Survey drainage channels within and adjacent to the relevant property
- Assess in relation to agriculture, the relevant property's utilisation, improvements and underlying suitability
- Ensure continuation of agricultural activities and where practicable, improve the opportunity for sustained agriculture by using surface remedial works

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- Review current utilisation of the land for business purposes, including value of improvements and the business
- Complete a structural inspection and report on all buildings with the consent of landowners and in consultation with the MSB
- Ensure all inspections, surveys and assessments referred to in Consent Condition 15,16 and 17 are carried out at the expense of Centennial,
- Provide a draft Property Subsidence Management Plan to the relevant landowner and convene an on-site meeting to review this document, including MSB as required. Discuss identified subsidence effects and applicable options for mitigation, compensation, acquisition, temporary relocation or other agreements, as outlined in the Consent Conditions (See **Appendix 1**)
- Provide a copy of the Property Subsidence Management Plan to the relevant landowner.

6.5 PSMP – Mitigation Works

PSMP's will provide advice to landowners on any proposed mitigation measures and Centennial shall consult with landowners and endeavour where possible to agree on the appropriate mitigation measures as required under Consent Condition 17 (refer **Appendix 1**). The PSMP may also include mitigation measures to improve natural features where impacts from subsidence are identified.

Access to a property for the purpose of implementing mitigation measures will be done in consultation with the landowners through negotiating a Centennial "Access Agreement", specifying conditions of entry, timing of works and access compensation (refer **Appendix 4**). PSMP – Applicant to pay costs for legal and other advice.

Consent Condition 17 (refer **Appendix 2**) requires Centennial to provide in writing, an offer to pay reasonable costs for the landowner to obtain legal and other advice approved by the Company on the PSMP, prior to or at the same time the PSMP is provided to the landowner. If other advice landowners may write to the Company on the information being sought and the Company will consider the request prior to commissioning any reports.

A standard up-front payment for legal and other advice is to be provided to all landowners that require a PSMP as part of an SMP application. The standard payment will be provided with the initial SMP notification. **Appendix 4** – Access Compensation Schedule provides the current compensation rate for PSMP legal or other advice.

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7.0 Subsidence Management Plans

7.1 SMP - Preparation

In accordance with Consent Condition 14 (refer **Appendix 2**), Centennial shall:

- prepare a SMP for each longwall panel or group of longwall panels for which an application for secondary workings approval is sought; and
- ensure that the SMP is completed prior to approval from NSW TIRIS for secondary workings.

Each SMP shall be consistent with the conditions of the Development Consent, DRE, SMP guidelines, the Environmental Management Strategy and relevant management plans.

7.2 SMP - Incorporation of Details from PSMP

A list will be provided in each SMP that indicates all the PSMPs that have been incorporated in the related SMP.

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8.0 Exploration Drilling Programmes

Mandalong Mine proposes to undertake exploration drilling in Exploration Lease (EL4968, EL4969 EL5892, and Authorisation 404) as shown in **Figure 1**, throughout mining operations to further define local geology to improve the definition of the mining area and enhance the information used to predict subsidence on property features. Exploration activities to be undertaken at Mandalong will consist of the works described in the EL's including "Category One" reconnaissance exploration works and "Category Two" exploration activities requiring further approvals from NSW TIRIS. Exploration at Mandalong is conducted primarily by vertical surface drilling, excavation and magnetometer survey.

A Review of Environmental Factors (REF) (GSS Environmental Pty Ltd December 2008) provides an area based assessment of the environmental aspects in the Mandalong EL and uses a risk based approach to select and manage exploration activities. The REF and internal exploration procedures will be used to communicate and consult with landowners on the selection and establishment of exploration sites. Where existing roads and tracks area available these will be used to access drill sites. Where these are not present an excavator will be used to clear and establish access tracks and drill pads.

Typical exploration drill sites will involve minor surface clearing, conducted in accordance with the Mine's exploration drilling procedures, to allow for the establishment of equipment on site. Exploration drill sites will generally consist of a 25 m by 25 m disturbance area with two sumps to recycle drilling fluids, associated support equipment including air compressors, portable shed, toilet, drill rod truck and core handing storage area.

8.1 Exploration Drilling Communication and Consultation

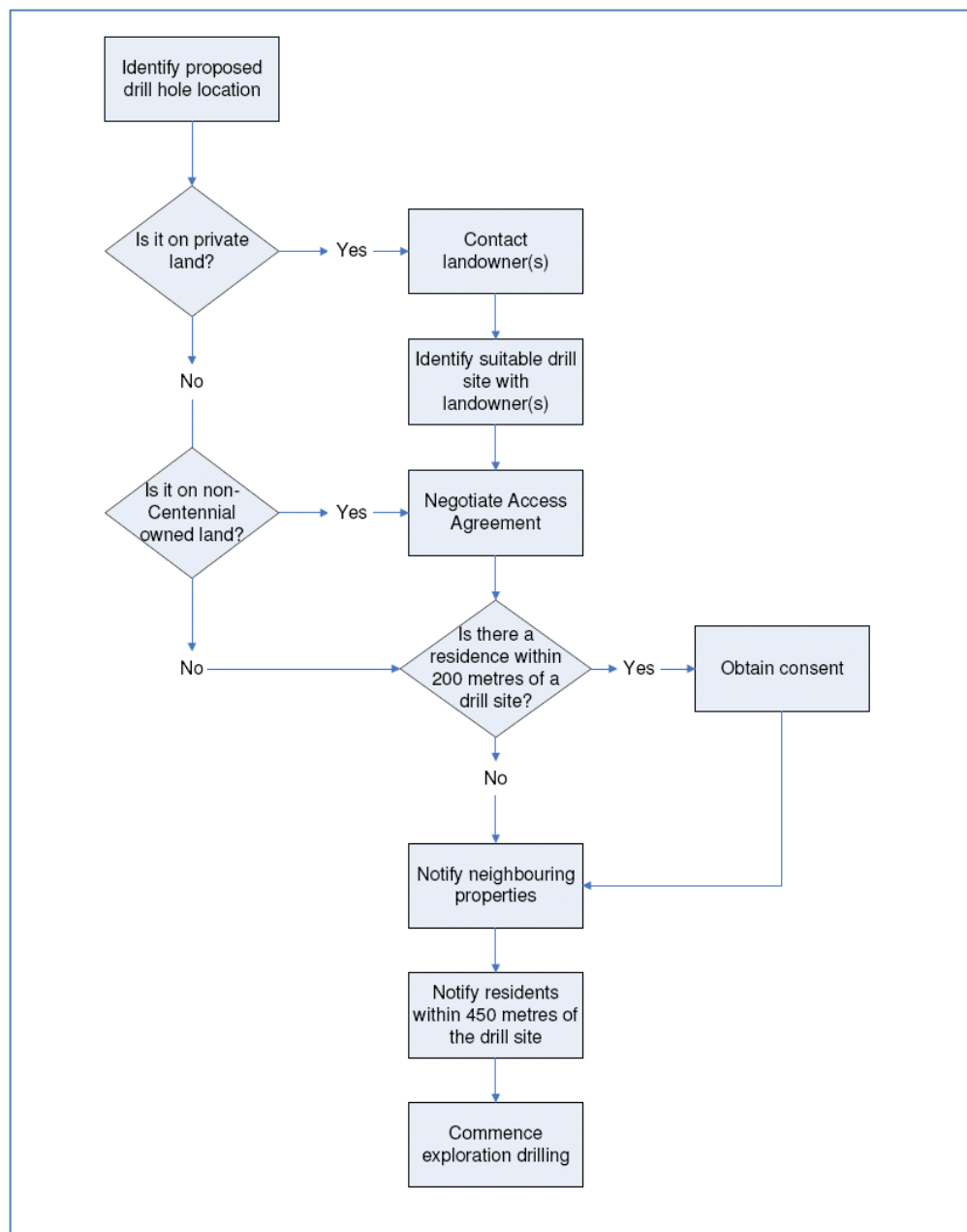
Landowners and local community will be provided information on exploration drilling programmes, prior to commencing drilling activities through established consultation methods. The Mine's Community Consultative Committee (MMCCC) and community newsletter (Mandalong Mailbox) will provide information in advance of drilling programmes to landowners within the local community and follow up consultation will be available on request from landowners. A notice letter will be sent to landowners where there is a potential exploration drill site, advising of drilling programme, access agreements and information on exploration drilling.

Further face to face consultation with the landowner will occur to discuss the exploration site, obtain landowner consent and negotiate an "Access Agreement". Agreement will also be sought with neighbouring

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landowners for exploration drilling proposed within 200 metres of a principal place of residence. The site location and Access Agreements will be decided in consultation with landowners and affected neighbouring landowner, with sites located to minimise the impacts on the environment and surrounding landowners. Neighbouring landowners will be notified and of exploration drilling and if requested further consulted on the works. A flow chart describing the typical consultation on exploration is provided in **Figure 2**. Access Agreements for exploration activities contain standard compensation for accessing a property, exploration activities and recognition of landowner time as described in **Appendix 4**. Disturbance from exploration drilling is repaired by the Mine to meet the landowner and licence requirements. **Table 1** below lists the Mine's typical consultation with landowners on exploration drilling works.

Figure 2 - Exploration Drilling Consultation Flow Chart



Landowner Consultation and Communication Plan

Contact	Method	Timing
Landowner – where access for exploration is required	Exploration Drilling Notice Letter and Information	Prior to REF
	Face to face consultation meeting (access agreement)	Prior to drilling
	Newsletter (Mandalong Mailbox)	Annual
	Local paper (Lakes Mail)	Monthly
	Centennial Coal Website	As required
Neighbouring Landowner(s) – if drilling is likely to impact on residence	Offer of face to face consultation meeting (access agreement - if drill site within 200m of primary place of residence)	Following access agreement accepting drilling activities and prior to drilling
	Newsletter (Mandalong Mailbox)	Annual
	Local paper (Lakes Mail)	Monthly
	Centennial Coal Website	As required
Local landowner – that have an interest in the exploration programme	Mandalong Mine Community Consultative Committee	Quarterly
	Newsletter (Mandalong Mailbox)	Annual
	Local paper (Lakes Mail)	Monthly
	Centennial Coal Website	As required
Local community – who may have an interest in the exploration programme	Mandalong Mine Community Consultative Committee	Quarterly
	Newsletter (Mandalong Mailbox)	Annual
	Local paper (Lakes Mail)	Monthly
	Centennial Coal Website	As required

Table 2 - Typical Landowner Consultation for Drilling Exploration

9.0 Other Consent Conditions for Landowner Communication and Consultation

The following Consent Conditions (as detailed in **Appendix 3**) contain references that may periodically require communication, consultation and other dealings between some landowners and occupiers and Centennial. The following section outlines the key elements of this process that are required to manage and to record this communication, consultation and other dealings as required under various Consent Conditions for Mandalong Mine.

9.1 Initial Valuation and Options Agreement

Consent Condition 25 (refer **Appendix 3**) availed landowners of the opportunity to request (in writing) a valuation of their property from the Applicant, within six months of the date of consent. The initial period for a valuation under this condition is now complete. Records have been kept at Mandalong Mine indicating who requested a valuation and that the valuation was supplied to the relevant landowner. Records also indicate that an offer was made to enter into an options agreement in accordance with Consent Condition 25(ii).

9.2 Valuation and Options Agreement – Noise, Vibration or Dust

The valuation and options agreement shall also be available to any landowner who may be affected by noise, vibration or dust impacts from the Mandalong Mine Access Site or the Mandalong Services Site (refer Consent Condition 26 – **Appendix 3**). The options agreement shall be based on an option to sell if and when the landowner is entitled to acquisition under Consent Conditions 47, 48 or 56.

A record of the original request, monitoring results and any agreements or requests for acquisition will be maintained at the Mine office on the property reference file.

9.3 Property Acquisition and Compensation - Subsidence Effects

The following Consent Conditions (as detailed in **Appendix 3**):

- Consent Condition 27 (Significant Structural Damage to Dwelling)
- Consent Condition 28 (Flood Hazard)
- Consent Condition 29 (Land Use Impacts)

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Provide a range of outcomes for the landowner depending on the predicted subsidence effects outlined in the notification from Centennial to the landowner and in the PSMPs.

Any request by a landowner to avail themselves of the options discussed above must be made to Centennial in writing.

A copy of the written request will be held at the Mine office and the results of process recorded on the property reference file.

9.4 Follow up Structural Inspection

If necessary to confirm the impact of significant structural damage to dwellings (Consent Condition 27) or land use impact (Consent Condition 29), a landowner may request in writing for Centennial to conduct a follow up structural inspection to the one carried out under Consent Condition 27 and 29.

9.5 Acquisition and Compensation - Disputes

Any disputes relating to land acquisition or compensation (except those relating to valuation matters) may be referred by either party to the Independent Panel for consideration and advice if no agreement is reached within 3 months of receipt by Centennial of the written request, or to the Mining Warden at any time in accordance with the Mining Act (see Consent Condition 30).

A record of the written request, and resulting actions, will be kept at the Mine office in the Property Reference Number File.

9.6 Acquisition and Compensation - Procedure and Timing of Acquisition

Consent Condition 31 and 32 set out the process for property acquisition once a written request by a landowner under the Development Consent has been received by Centennial.

A copy of the written request will be held at the Mine office. Details of the process and resulting actions will be recorded on the property reference file.

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9.7 Negotiations Outside the Consent Conditions

Notwithstanding any other conditions of the Development Consent the landowner and Centennial may enter into various agreements that might relate for example to compensation or property acquisition (see Consent Condition 33).

A copy of any agreements made under this section will be given to the relevant landowner and a further copy held at the Mine office in the Property Reference Number File. A register of any agreements made under this condition will be kept and a reference included in the appropriate PSMP.

9.8 Noise, Vibration or Dust

9.8.1 Exceedance of Criteria - Noise, Vibration or Dust

In the event that a landowner or occupier considers that noise, vibration or dust from the mine at their dwelling is in excess of the relevant criteria, that person can notify Centennial in writing (refer Consent Conditions 47 and 55). Centennial is then required to carry out a range of tasks that include:

- Holding discussions with the landowner/resident affected;
- Making arrangements for independent monitoring to determine the source and to quantify the impact of the effect; and
- Modify the mining activity that may be causing the impacts if adverse impacts are identified

Centennial will record any requests including the outcomes of any discussions, investigations and actions on the property reference file.

9.8.2 Independent Monitoring – Noise, Vibration or Dust

In accordance with Consent Conditions 57, if a landowner or occupier considers that noise, vibration and/or dust from the mine at their dwelling is in excess of the relevant criteria the landowner may make a written request to the Director-General for an independent investigation. Where this investigation is required, Centennial will:

- implement an investigation to quantify the impact and determine the sources of the effect;
- bear the cost of the independent investigation; and
- make available relevant information to the independent person.

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The independent person will be approved and report back to the Director-General, OEH landowner or occupier and Centennial (Consent Condition 59) on a quarterly basis.

9.8.3 Property Acquisition and Compensation – Noise, Vibration or Dust

If independent monitoring, in accordance with Consent Conditions 48 and 56, indicates that:

- noise or vibration from the construction or operation of the Cooranbong Services Site or the Mine Access Site; or
- dust deposition from construction or mining operations
- within a landowner's property is in excess of the criteria set out in the Development Consent, the landowner may request Centennial in writing to:
- carry out works as agreed by the landowner to rectify the problem or
- compensate the landowner for such effects

If appropriate control measures or compensation cannot be achieved the landowner may request Centennial in writing to acquire the property.

9.9 Wetlands Management Plan

In accordance with Consent Condition 74, the Mine has prepared and implemented a Wetlands Management Plan (WMP) to monitor wetlands likely to be subjected to impacts attributed to mining operations. Consultation to undertake monitoring of these wetlands on landowners' properties was conducted in the preparation of this plan in February 2008. A general agreement to monitor at these sites was reached with Landowners.

Landowners have been typically consulted up to two years in advance of mining on the requirement to identify and monitor wetlands during landowner consultation for the development of Private Property Subsidence Management Plans (PSMP's). During the course of consulting with landowners an inventory of natural features including wetlands from vegetation surveys is included in PSMP's. Ongoing consultation with private landowners on the requirements to monitor wetlands will be conducted during the development of PSMP's. If identified, the Mine will liaise with the landowner, requesting permission for access to monitor wetlands in accordance with a formal land access agreement acceptable to the landowner (refer **Appendix 4 – Access Compensation Schedule**).

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9.10 Community Complaints

Consent Condition 98 requires Centennial to record details of complaints received. Mandalong Mine has a Community Enquiries telephone line that can be called to lodge a complaint. The community enquiries number 1800 730 919 is advertised at the Mine's entry, in community newsletters to landowners, yellow pages and in the local media (Lake's Mail Newspaper). Complaints are lodged by calling the number and providing details of the complaint to the Mine's control room operator. Mine personnel will record the details of complaints and inquiries and respond in accordance with the Mine's procedure (WP-1371) "Dealing with Community Complaints and Information Requests".

The details of investigations, mitigatory action and follow-up liaison with the complainant will be maintained in the Environment and Community Database (ECD). Centennial will make available a summary of recorded complaints, excluding confidential landowner information, to the Community Consultative Committee and relevant Government agencies. This summary will be provided in the Annual Environmental Management Reports.

9.11 Community Information

Throughout the life of the Mine the following mechanisms will be used to keep the local community updated with information about the project:

- Mine Newsletters.
- Community Information Sheets.
- Open Days.
- Website (Centennial Coal's - Mandalong Mine Community Information page).
- Community Consultative Committee meetings.

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10.0 REVIEW AND RESPONSIBILITY

10.1 Review of Property Subsidence Management Plan Process

In order to monitor the effectiveness of the process with respect to the Property Subsidence Management Plans (PSMPs) in relation to both the operation and affected landowners, a review of the PSMP process will occur after the completion of an individual longwall or group of longwalls. Such a review will involve additional consultation with affected landowners to determine their level of satisfaction with all aspects of the PSMP process. These aspects include:

- preparation and implementation of PSMPs;
- the consultation process during extraction of the longwall beneath their property; and
- associated subsidence, mitigation and rehabilitation works.

The information provided and collected in this review will be recorded and, where appropriate, used to update and improve the preparation and application of the PSMP. Over time, the intent would be to revise the process to achieve the best solutions for both the landowner and the Company.

10.2 Compliance

To check compliance a regular review of the Plan will be carried out by the Environmental and Community Coordinator in accordance with the Mine's Business Management Framework.

All conditions of Consent and mining approvals are to be entered into and maintained in the Approvals Compliance Database. The database provides a register of all approvals and conditions, with the ability to assign and schedule the associated actions to ensure compliance.

10.3 Management Responsibility

The Manager of Mandalong Mine, or his delegate, will be responsible for providing resources and personnel to implement this plan. The Mandalong Mine Approvals Coordinator will be responsible for consulting with the community on PSMP's and SMP related issues. The Mine's Environment and Community Coordinator will be responsible for all other actions required under this plan. External consultants may be utilised, at the request of the Company where appropriate, to facilitate particular aspects of the Plan or to provide advice on the provision of particular community involvement mechanisms.

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Appendices - Selected Consent Conditions Relevant to Landowner Communication and Consultation

Appendix 1 – Condition 14 Subsidence Management Plans

14. Prior to carrying out any underground mining operations that could cause subsidence in either Area 1 or 2, the Applicant shall prepare a Subsidence Management Plan (SMP) which must:
- a) include a mine plan for the relevant area;
 - b) include a minimum of 2 years of baseline data, collected at appropriate frequency and scale;
 - c) integrate ongoing management of previously mined areas;
 - d) identify and assess the significance of all natural features located within 600 m of the edge of secondary extraction;
 - e) include a detailed subsidence impact assessment, clearly distinguishing, describing and adequately quantifying all predicted subsidence effects, subsidence impacts and environmental consequences;
 - f) include management, monitoring and contingency plans for all significant man-made and natural features which may experience subsidence effects, subsidence impacts or environmental consequences, including:
 - dwellings and buildings;
 - roads, electrical, communications and other infrastructure;
 - landscape;
 - groundwater;
 - terrestrial flora and fauna and ecology (including any threatened species and their habitats); and
 - Aboriginal and other cultural heritage;
 - g) propose limits on subsidence impacts and environmental consequences to be applied within the relevant area;
 - h) be prepared in consultation with NOW, DRE, Lake Macquarie Council and the Department;
 - i) be publicly advertised when submitted for approval;
 - j) be approved by the Executive Director Mineral Resources within DRE prior to the carrying out of any underground mining operations that could cause subsidence in the relevant area (including related gateroads, but not main headings);
 - k) be otherwise prepared in accordance with any guidelines for SMPs developed by the Department and/or DRE; and
 - l) be implemented, following approval, to the satisfaction of the Executive Director Mineral Resources within DRE.

Notes:

- The contingency plans required under paragraph (f) must address remediation (where appropriate) and be based on a TARP structure.
- In reviewing an SMP, the Director-General may require changes in respect of subsidence impact limits, subsidence management mechanisms or other matters.
- An SMP approved by DRE prior to 31 July 2009 is taken to satisfy the requirements of this condition.
- In respect of the first SMP prepared under this condition, the Executive Director Mineral Resources within DRE may accept less than 2 years baseline data.

Appendix 2 – Conditions 15 to 17 Property Subsidence Management Plans

Property Subsidence Management Plans

15. If subsidence may cause impacts on privately-owned land, the Applicant shall prepare, and pay the costs of, an individual Property Subsidence Management Plan (PSMP) for each affected land title (or group of titles if agreed by the landowner). Each PSMP shall:
- m) be provided to the landowner at least 7 days prior to the public advertisement of the SMP as submitted;
 - n) be prepared in consultation with the landowner. This consultation shall include discussions on integrating any proposed mitigation works with the management of the property as a whole;
 - o) ensure that, with the consent of the landowner and in consultation with MSB, a structural inspection is conducted for each structure on the land and a comprehensive structural integrity report prepared (addressing all relevant components including roofs, ceilings, openings, foundations, household sewage treatment and disposal systems, etc);
 - p) include a detailed subsidence impact assessment for the property clearly setting out all predicted subsidence effects, subsidence impacts and environmental consequences (based on best available geological and mine planning data);
 - q) include a survey of drainage channels within and adjacent to the land;
 - r) assess current agricultural utilisation, agricultural improvements and the underlying agricultural suitability of the land;
 - s) assess current utilisation of the land for business purposes (other than agriculture), including the value of business improvements and the business; and
 - t) indicate whether the landowner is entitled to acquisition of their land under conditions 27, 28 or 29.

16. Where mining is proposed under the Mandalong flood plain, the Applicant shall ensure that PSMPs include an appropriate assessment of:
- a) predicted 1:1 year and 1:100 year flood levels relative to the floor level of buildings, swimming pools and sheds;
 - b) freeboard of habitable dwellings between predicted post-mining floor levels and the 1:1 year and 1:100 year modelled flood levels;
 - c) predicted 1:1 year and 1:100 year flood levels relative to roads and access tracks determining depth of inundation, period of inundation and flow velocities;
 - d) the extent of any remnant ponding that may result from the proposed mine plan relative to any fences, wetlands, forested areas, drainage courses, dams and areas of agricultural production (including grazing);
 - e) the magnitude and direction of predicted overland flows and the potential for channel realignment to occur as a result of mining; and
 - f) the potential for transient aspects of mining resulting in temporary flooding impacts beyond those of the fully mined landform.
17. Either prior to or at the same time as the PSMP is provided to the landowner, the Applicant is to provide the landowner, in writing, with:
- a) an offer to pay any reasonable costs for the landowner to obtain legal and other advice on the PSMP;
 - b) an offer to meet with the landowner to review the PSMP and to discuss:
 - predicted impacts and consequences to any dwelling, improvement or land; and
 - proposed mitigation measures for the individual property; and
 - c) (c) information identifying the landowner's rights to acquisition and compensation in accordance with this consent, Mining Act 1992 and Mine Subsidence Compensation Act 1961.

Notes:

- Any dispute between the Applicant and a landowner regarding the implementation of the Applicant's responsibilities under conditions 15-17 may be referred to the Director-General under condition 99 of this consent.
- A PSMP provided to a landowner prior to 31 August 2009 is taken to satisfy the requirements of conditions 15 - 17.

Appendix 3 – Other Conditions Relating to Landowner Communication and Consultation

Environmental Management Strategy

7. The Applicant shall prepare an Environmental Management Strategy for the DA area (including the Mine Access Site and the Cooranbong Colliery Site, the haul road and the Coarse Rejects Disposal Site), providing a strategic context for the Mining Operations Plans, individual Property Subsidence Management Plans and Subsidence Management Plans. The Environmental Management Strategy shall be prepared in consultation with the relevant authorities and the Community Consultative Committee (or the Mandalong Progress Association if the Committee has not yet been established) and to the satisfaction of the Director-General, prior to the preparation of the first Mining Operations Plan
8. The Environmental Management Strategy shall include:
 - i. statutory and other obligations which the Applicant is required to fulfill during construction and mining, including all approvals and consultations and agreements required from authorities and other stakeholders, and key legislation and policies;
 - ii. definition of the role, responsibility, authority, accountability and reporting of personnel relevant to environmental management, including the Environmental Officer;
 - iii. overall environmental management objectives and performance outcomes, during construction, mining and decommissioning of the mine, for each of the key environmental elements for which management plans are required under this consent;
 - iv. overall ecological and community objectives for the water catchment, and a strategy for the restoration and management of the catchment, including elements such as wetlands and other habitat areas, creeklines and drainage channels, within the context of those objectives;
 - v. identification of cumulative environmental impacts and procedures for dealing with these at each stage of the development;
 - vi. overall objectives and strategies for maintaining economic productivity within the area affected by mining, including agricultural productivity and other businesses;
 - vii. steps to be taken to ensure that all approvals, plans, and procedures are being complied with;
 - viii. processes for conflict resolution in relation to the environmental management of the
 - ix. project; and
 - x. documentation of the results of consultations undertaken in the development of the
 - xi. Environmental Management Strategy.

Initial Valuation and Options Agreement

25. Within six months of the date of this consent, any landowner within Area 1 may request in writing a valuation of their property from the Applicant. Upon receipt of the request, the Applicant shall:
- (i) obtain a valuation within one month of receipt of the request, which includes proper consideration of a sum not less than the current market value of the owner's interest in the land, whosoever is the occupier, having regard to:
 - the existing use and permissible use of the land in accordance with the applicable planning instruments at the date of the written request; and
 - the presence of improvements on the land and/or any Council approved building or structure which although substantially commenced at the date of the request is completed subsequent to that date,
as if the land was unaffected by the development proposal; and
 - (ii) within 14 days of receipt of the valuation, offer in writing to enter into an options agreement with the landowner to acquire the land when notification in accordance with Condition 15 is received, if the PSMP indicates the landowner is entitled to acquisition under conditions 27, 28 or 29.
26. The valuation and options agreement shall also be available to any landowner who may be affected by noise and/or dust impacts from the Mine Access Site or the Mandalong Services. The options agreement shall be based on an option to sell if and when the landowner is entitled to acquisition under Conditions 47, 48 or 56.

Acquisition and Compensation – Significant Structural Damage to Dwellings

27. Where a dwelling within the DA area is, or is likely to be, subject to damage beyond the safe, serviceable and repairable criteria as a result of the development, the landowner, after receiving the PSMP from the Applicant in accordance with Condition 15, may request the Applicant in writing to:
- (i) carry out such works as agreed by the landowner to remedy or mitigate any damage; or
 - (ii) compensate the landowner for such effects; or
 - (iii) acquire the whole of the property, or such part of the property requested by the landowner where subdivision is approved.

The Applicant shall comply with any such request for acquisition or compensation in accordance with Conditions 30-37. If necessary to confirm the impact, the Applicant shall, at the request of the landowner in writing, conduct a follow-up structural inspection to one carried out under Condition 15(c). Any inspection or assessment under this Condition shall be conducted as if it were conducted under the relevant part of Condition 15.

Acquisition and Compensation – Flood Hazard

28. Where:

- a dwelling has, or would have, a subsided floor level below the design predicted post mining flood level as a result of the development, or
- the flood hazard (as defined in Appendix B of the NSW Floodplain Management Manual) in relation to a dwelling or access to the dwelling has been, or would be, increased as a result of the development

the landowner, after receiving the PSMP from the Applicant in accordance with Condition 15, may request the Applicant in writing to:

- (i) carry out such works as agreed by the landowner to raise or relocate the dwelling and/or provide suitable access to the property; or
- (ii) acquire the whole of the property, or such part of the property requested by the landowner where subdivision is approved.

The Applicant shall comply with any such request in accordance with Conditions 30-37.

Acquisition and Compensation - Land Use Impacts

29. Where a landowner suffers a loss of agricultural productivity or other adverse impact on the use of land as a result of the development (including significant damage to structures other than dwellings and/or flooding impacts not covered by Condition 28), the landowner, after receiving the PSMP from the Applicant in accordance with Condition 15, may request the Applicant in writing to:

- (i) carry out such works as agreed by the landowner to rectify the problem; or
- (ii) compensate the landowner for such effects; or
- (iii) acquire the whole of the property, or such part of the property requested by the landowner where subdivision is approved.

The Applicant shall comply with any such request for acquisition or compensation in accordance with Conditions 30-37. If necessary to confirm the impact, the Applicant shall, at the request of the

landowner in writing, conduct a follow-up structural inspection to one carried out under Condition 15(c). Any inspection or assessment under this Condition shall be conducted as if it were conducted under the relevant part of Condition 15.

Where the landowner requests acquisition, significant adverse impact to agricultural productivity or the use of the land or an enterprise must be demonstrated.

Note: The Independent Panel may be requested to advise on whether significant adverse impact has been demonstrated.

Acquisition and Compensation - Procedure

30. Any disputes relating to land acquisition or compensation (except those relating to valuation matters) may be referred by either party to the Independent Panel for consideration and advice if no agreement is reached within three months of receipt by the Applicant of the written request, or to the Mining Warden at any time in accordance with the provisions of the Mining Act.
31. Upon receipt of a written request to purchase property in accordance with any conditions of this consent, the Applicant shall negotiate and purchase the whole of the property (unless the request specifically requests acquisition of only part of the property and subdivision has already been approved) within six months of receipt of the request. The Applicant shall pay the landowners an acquisition price resulting from proper consideration of:
 - (i) a sum not less than the current market value of the owner's interest in the land, whosoever is the occupier, having regard to:
 - the existing use and permissible use of the land in accordance with the applicable planning instruments at the date of the written request; and
 - the presence of improvements on the land and/or any Council approved building or structure which although substantially commenced at the date of the request is completed subsequent to that date,as if the land was unaffected by the development proposal. In determining the effect of the development, consideration shall be given to any valuation conducted under Condition 25;

- (ii) the owner's reasonable compensation for disturbance allowance and relocation within the Lake Macquarie or Wyong local government areas, or within such other location as may be determined by the Director-General in exceptional circumstances;
 - (iii) the owner's reasonable costs for obtaining legal advice and expert witnesses for the purposes of determining the acquisition price for the land and the terms upon which it is to be acquired; and
 - (iv) the purchase price determined by reference to points (i), (ii) and (iii) shall be reduced by the amount of any compensation awarded to a landowner pursuant to the Mining Act, 1992 or other legislation providing for compensation in relation to coal mining but limited to compensation for dwellings, structures and other fixed improvements on the land, unless otherwise determined by the Director-General in consultation with the DRE or MSB.
33. Notwithstanding any other Condition of this consent, the landowner and the Applicant may enter into any other agreed arrangement regarding compensation; or the Applicant may, upon request of the landowner, acquire any property affected by the project during the course of this consent on terms agreed to between the Applicant and the landowner.

Noise and Vibration

47 In the event that a landowner or occupier considers that noise and/or vibration from the project at their dwelling(s) is in excess of the relevant criteria set out in this consent, the Applicant shall, upon receipt of a written request:

- (i) undertake direct discussion with the landowner and residents affected to determine their concerns;
 - (ii) make arrangements for independent noise investigations as provided in Conditions 57-60 to quantify the impact and determine the source of the effect; and
 - (iii) if adverse impacts are identified, modify the mining activity which may be causing the impacts.
- 48 If noise monitoring or independent noise investigations indicate that noise from construction or operation of the Cooranbong Colliery Site or the Mine Access Site within a landowner's property is in excess of the noise criteria set out in this consent, the landowner may request the Applicant in writing to:
- (i) carry out such works as agreed by the landowner to rectify the problem; or

- (ii) compensate the landowner for such effects.

If appropriate noise control measures or compensation cannot be achieved the landowner may request the Applicant in writing to acquire the whole of the property or such part of the property requested by the landowner where subdivision is approved.

The Applicant shall comply with such request in accordance with Conditions 30-37. However, where acquisition is requested, the request shall be referred to the Director-General for determination in consultation with the OEH and the determination of the Director-General shall be binding on the Applicant.

Air Quality

55. In the event that a landowner or occupier considers that dust from the project at their dwelling(s) is in excess of the relevant criteria set out in this consent, the Applicant shall, upon receipt of a written request:

- (i) undertake direct discussion with the landowner and residents affected to determine their concerns;
- (ii) make arrangements for independent dust investigations as provided in Conditions 57-60 to quantify the impact and determine the source of the effect; and
- (iii) if adverse impacts are identified, modify the mining activity which may be causing the impacts.

56. If dust monitoring or independent dust investigations indicate that dust deposition from construction or mining operations within a landowner's property is in excess of the criteria in this consent, the landowner may request the Applicant in writing to:

- (i) carry out such works as agreed by the landowner to rectify the problem; or
- (ii) compensate the landowner for such effects.

If appropriate dust control measures or compensation cannot be achieved the landowner may request the Applicant in writing to acquire the whole of the property or such part of the property requested by the landowner where subdivision is approved.

The Applicant shall comply with such request in accordance with Conditions 30-37. However, where acquisition is requested, the request shall be referred to the Director-General for

determination in consultation with the OEH and the determination of the Director-General shall be binding on the Applicant.

Independent Monitoring of Noise and Dust

57. In the event that a landowner or occupier considers that noise, vibration and/or dust from the project at their dwelling(s) is in excess of the relevant criteria set out in this consent the landowner may make a written request to the Director-General for an independent investigation. If the Director-General, in consultation with the OEH, is satisfied that an investigation is required, the Applicant shall:

- (i) appoint a qualified independent person or team to undertake direct discussions with the landowner or occupier affected to ascertain their concerns and to plan and implement an investigation to quantify the impact and determine the sources of the effect; and
- (ii) bear the cost of the independent investigation and make available plans, programs and other information necessary for the independent person to form an appreciation of the past, present and future works and their effects on noise and/or dust emissions.

59. The independent person or team, the Plan and the timing of its implementation shall be approved by the Director-General in consultation with the OEH, the affected landowner or occupier and the Applicant. The independent person or team shall report directly to the Director-General, the Applicant, and the landowner or occupier on a quarterly basis.

Flora and Fauna

74. The Applicant shall prepare and implement Wetlands Management Plans for all wetlands likely to be subject to impacts attributable to mining operations. The Plans shall be prepared in consultation with OEH and affected landowners and to the satisfaction of Council, prior to any mining that may change the hydrological regime of each individual wetland. The Plans shall include, but not be limited to, issues such as weed management.

Complaints

98. The Applicant shall record details of all complaints received in an up to date log book, and ensure that a response is provided to the complainant within 24 hours. The Applicant shall make available a report on complaints received to the Community Consultative Committee, all relevant government

agencies and the Council upon request, and include a summary in the Annual Environmental Management Reports.

Community Information and Contact Telephone Number

103. The Applicant shall, in consultation with Council, ensure that the local community is kept informed (by way of local newsletters, leaflets, newspaper advertisements and community notice boards as appropriate) of the progress of the project, including prior notice of:

- (i) the nature of works proposed for the forthcoming period;
- (ii) hours of construction;
- (iii) a 24 hour contact telephone number;
- (iv) any traffic disruptions and controls;
- (v) proposed blasting program, and any changes to the program;
- (vi) work required outside the normal working hours; and
- (vii) individuals' rights under the conditions of this approval (such as the rights for acquisition or independent monitoring) and mechanisms proposed to be used to safeguard the community and individual properties against adverse impacts from the development.

Appendix 4 – Access Compensation Schedule

Mandalong Mine Access Compensation Schedule					
Activity	Description	Legislation /Approval	Compensation	Consultation Period	Comments
Exploration	Involving surface disturbance. Surface exploration activities that involve surface disturbance including drilling, upgrade of access tracks, excavation of sumps and rehabilitation.	<ul style="list-style-type: none"> • Mining Act 1992 • Authority such as Exploration Licence or Mining Lease 	<ul style="list-style-type: none"> • Access Agreement • \$1000 plus GST for legal or other professional advice on the access agreement • \$550 per week or part thereof, plus • \$100 per 24 hours for non-drilling activities such as inspections and surveys • Minimum of \$2000 (excluding funds for legal advice). 	<ul style="list-style-type: none"> • Typically 3 months prior to date of proposed access. 	<ul style="list-style-type: none"> • Obtain geological and geotechnical information for mine planning and subsidence prediction. • Access agreement will specify the works to be undertaken. • Term of agreement will be determined by required works.
	No surface disturbance Exploration involving no surface disturbance eg walkover magnetometer surveys.	<ul style="list-style-type: none"> • Mining Act 1992 • Authority such as Exploration Licence or Mining Lease 	<ul style="list-style-type: none"> • Access Agreement • \$100 per 24 hours for non-drilling activities such as inspections and surveys 	<ul style="list-style-type: none"> • Typically 3 months prior to date of proposed access. 	

Mandalong Mine Access Compensation Schedule

Activity	Description	Legislation /Approval	Compensation	Consultation Period	Comments
Subsidence and Environmental Monitoring	Typical Monitoring Installation of subsidence lines and environmental monitoring equipment with ongoing monitoring & maintenance.	<ul style="list-style-type: none"> Centennial initiated access agreement 	<ul style="list-style-type: none"> Access Agreement \$2000 for installation, then \$2000 per annum 	<ul style="list-style-type: none"> Typically 6 – 12 months prior to longwall extraction. Environmental monitoring triggered by Development Consent Conditions eg vibration monitoring for underground blasting 	<ul style="list-style-type: none"> Term of the agreement is typically up to 5 years

Mandalong Mine Access Compensation Schedule					
Activity	Description	Legislation /Approval	Compensation	Consultation Period	Comments
	Frequent & Long-Term Monitoring Access agreement for frequent and long-term access to private property to conduct studies for mining operations.	<ul style="list-style-type: none"> Centennial initiated access agreement 	<ul style="list-style-type: none"> Access Agreement By negotiation 	<ul style="list-style-type: none"> Typically 12 months prior to access requirement, but dependant on negotiations. 	<ul style="list-style-type: none"> Term of agreements typically 5 years or more.
Baseline Environmental Surveys	Walkover surveys assessing environmental data for an area, including flora & fauna, heritage and archaeology.	<ul style="list-style-type: none"> Centennial initiated access agreement Authority such as Exploration License or Mining Lease 	<ul style="list-style-type: none"> \$100 per 24 hours 	<ul style="list-style-type: none"> Notification and consultation prior and during surveys. 	<ul style="list-style-type: none"> Obtain baseline environmental data
Property Subsidence Management Plans (PSMP)	Compensation for legal advice and PSMP participation. eg PSMP development & review, agricultural assessment, structural assessment, flora & fauna surveys, MSB.	<ul style="list-style-type: none"> Development Consent Mining Lease Centennial initiated compensation 	<ul style="list-style-type: none"> \$2000 for legal advice, plus \$1000 for PSMP participation (meetings and studies) Letter of acceptance to participate 	<ul style="list-style-type: none"> Notification letter for development of SMP, 2 to 3 years prior to longwall extraction Consultation following notification letter. 	<ul style="list-style-type: none"> Compensation paid for each individual property in each SMP application area.

Appendix 5 – Mandalong Southern Extension Project Stakeholder Engagement Plan



Centennial Coal



Mandalong Southern Extension Project

Stakeholder Engagement Plan

June 2012

Document Control

Document Control Details

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	1	31/8/09	Final	J.Wearne
	2	27/10/09	Addition of website and local newspaper as methods of communication	J.Wearne
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	5	01/02/11	Updated due to changes in Project phase	J.Wearne
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List of Abbreviations

MLS	Mandalong South.
EL	Exploration Licence (refer Mining Act 1992).
NGO	Non government organisation.
Project	Mandalong Southern Extension Project.
CCC	Mandalong Mine Community Consultative Committee.
LGAs	Local Government Areas
Centennial	Centennial Coal Company Limited
Centennial Mandalong	Centennial Mandalong Pty Limited

1 Introduction

1.1 Background

Mandalong Mine (Mandalong) is an underground longwall coal mining operation located in the Lake Macquarie Local Government Area (LGA) approximately 130 kilometres north of Sydney near Morisset. Mandalong is operated by Centennial Mandalong Pty Ltd (Centennial Mandalong), a wholly owned subsidiary of Centennial Coal Company Limited (Centennial), and supplies coal to both domestic and export markets.

Centennial Mandalong is currently undertaking an exploration drilling programme over its Exploration Licence area (EL6317) referred to as the Mandalong Southern Extension Project area (see Appendix 1). The Project area is located south-west of the township of Morisset and west of the township of Wyee within the Lake Macquarie and Wyong LGAs. The Project area is predominantly privately owned rural land however also includes land owned by Centennial Fossilifer Pty Ltd, Wyong Shire Council, the Olney State Forest and the Jilliby State Conservation Area.

Exploration drilling commenced within the Project area in January 2010 and will continue until mid 2012. In addition to the exploration drilling programme currently being undertaken, Centennial Mandalong is seeking approval under Part 4 of the Environmental Planning and Assessment Act 1979 for the continuation and extension of the Mandalong Mine south into the Project area. The mine planning and design process has taken into consideration the information obtained from the exploration drilling programme as well as environmental and surface features which include buildings, transmission lines, roads etc.

2 Exploration Drilling

2.1 Description of the Exploration Activity

The exploration drilling programme consists of approximately fifty three exploration boreholes across the area being drilled vertically to intersect and recover the target strata. The surface exploration boreholes will be drilled to build on existing information on coal quality and geological conditions of this resource for potential future underground mining.

Some minor surface clearance is likely to be required to establish each drill site. Where possible, drill sites are selected as close as possible to existing access roads/tracks to minimise clearing requirements. The drilling footprint at each exploration hole will require a disturbance area of approximately 25m x 25m (sites are located in existing cleared areas wherever possible). Two sumps, approximately 2m x 2m x 2m in dimension, will be excavated at each drill site. Drilling activities require the construction of sumps to collect drill cuttings and to control and recycle drilling fluids down the borehole. The general layout of a typical drill site is shown in Figure 1 below. Each drill site will be rehabilitated at the completion of drilling activities.

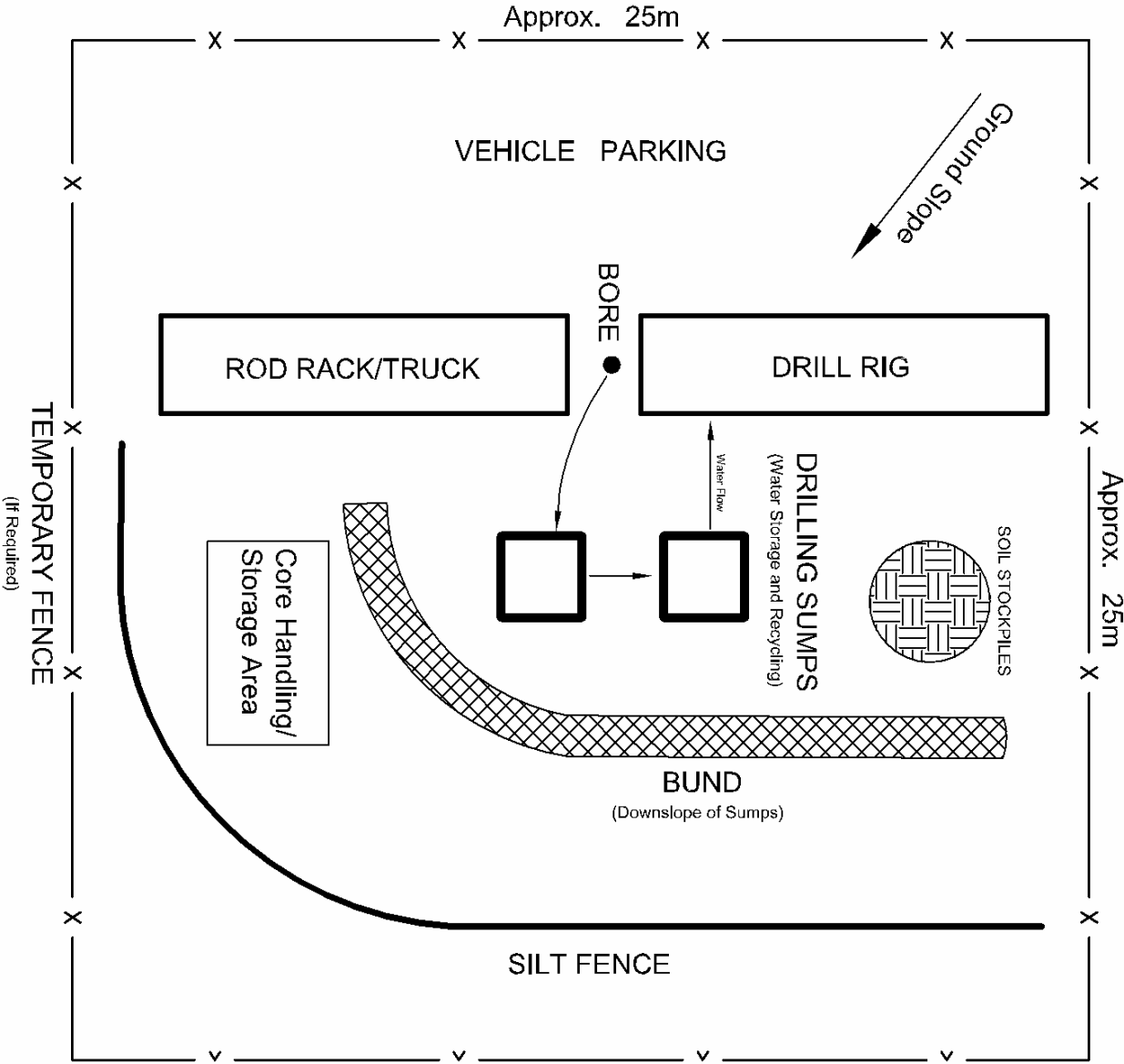
2.2 Exploration Drilling Equipment

At each drill site the key equipment used will include a drill rig, support truck, light vehicles and an air compressor (used only where resistant drilling conditions are encountered). Site and access preparation equipment will require the use of an excavator, bobcat and truck. A water cart will supply water to the site for use in the drilling process and dust suppression if and where required.

2.3 Exploration Timing

Standard operating hours will be between 7 am and 6 pm, Monday to Friday. If and when required, incidental works may also be carried out on Saturday mornings between 8 am to 1 pm. The anticipated duration of drilling at each site is approximately three weeks depending on borehole depth and site conditions encountered. Exploration drilling commenced in January 2010 and will continue until mid 2012.

Figure 1 - Typical Drill Site Layout (Not to Scale)



3 Environmental Surveys and Mine Planning

3.1 Description of Baseline Environmental Assessments

In order to develop suitable mine plans for coal extraction within the Project area, it is important for the project team to have a comprehensive understanding of all aspects of the existing environment. This information is used to adequately assess potential impacts from any future underground mining activities and ensure any mine plans developed can be developed with consideration to the environmental constraints.

3.1.1 Ecology Surveys

Ecological surveys involve three key aspects including:

- Identification and mapping the distribution of different vegetation communities over the Project area;
- Targeted searches for rare or threatened flora species; and
- Fauna surveys involving targeted searches, spotlighting and trapping to identify what animals are present or likely to occur within the Project area.

Targeted threatened flora and vegetation surveys require random meanders to be undertaken over the study area to identify the extent of the different vegetation communities present and the location and the abundance of any threatened flora.

Fauna surveys are often undertaken over a few days during spring and summer when the animals are most active. Fauna surveys will involve:

- Day and night surveys;
- Frog searches; and
- Trapping and hair tube sampling.

3.1.2 Archaeological Surveys

Archaeological surveys are undertaken by an archaeologist and representatives of the Aboriginal community to identify the location of sites of Aboriginal significance.

3.1.3 Ground Magnetic Surveys

Ground magnetic surveys are used to gather information on the possible location of magnetic bodies such as dykes and some faults. These features are generally difficult to mine through, so knowing their whereabouts is very useful information. The surveys are carried out by a field operator who walks across the ground in straight lines carrying equipment that measures the magnetic response of the earth. The lines walked are generally spaced 10m apart which are confined within a boundary or 'strip' with a specified width and length.

3.2 Timing of Baseline Environmental Assessments

The baseline environmental assessments have been completed.

3.3 Mine Planning

A mine plan has been determined taking into consideration environmental and infrastructure aspects of the project area.

4 Approval Process

Centennial has commenced the preparation of a detailed environmental assessment of the project which will be submitted to the NSW Department of Planning and Infrastructure for assessment. Approval for any proposed mining within the Mandalong Southern Extension Project Area will be considered under Part 4 of the Environmental Planning and Assessment Act 1979. Figure 2 below details the mine planning and approval process for the Project.

Figure 2 – Project Process and Approval Flowchart

STEP	TIMING	STATUS
Baseline environmental surveys	Q1 & Q2 2011	COMPLETE
Submit briefing paper to Department of Planning & Infrastructure (DPI)	Q1 2012	COMPLETE
Project application to DPI	Q1 2012	COMPLETE
Director General provides requirements to be assessed	Q1 2012	COMPLETE
Final mine plan	Q2 2012	COMPLETE
Detailed environmental assessment on mine plan	Q2 & Q3 2012	COMMENCED
Prepare Environmental Impact Statement (EIS)	Q3 2012	NOT STARTED
Public exhibition of EIS	Q4 2012	NOT STARTED
NSW government review of EIS and submissions	Q1, Q2 & Q3 2013	NOT STARTED
Project determination	Q4 2013	

5 Stakeholder Engagement Plan

5.1 Purpose

The purpose of the Stakeholder Engagement Plan is to provide a consistent management framework to identify and consult with stakeholders with an interest in the Mandalong Southern Extension Project.

5.2 Objectives

Centennial places the utmost importance on maintaining effective communication with the local communities and other stakeholders in which it operates. A stakeholder database has been developed for the Project. The database is the repository for communications between Centennial and its stakeholders.

The objectives of the Stakeholder Engagement Plan are to:

- Set a process for engagement with stakeholders of interest, with clear desired outcomes for the Company and stakeholders;
- Openly communicate with stakeholders about the Mandalong Southern Extension Project; and
- Provide a means of community access to the project team via a dedicated information phone line.

6 Stakeholders

A range of stakeholders have been identified for inclusion in the consultation strategies outlined in this Plan. These stakeholders include local and State government agencies, local businesses and industries, private landholders and Centennial employees. These stakeholders have been divided into three tiers depending on their level of impact or involvement in the Mandalong Southern Extension Project.

6.1 Tier 1 Stakeholders

Tier 1 represents those stakeholders that are either potentially directly impacted (or considered a high risk of being impacted) by the project. This can include private landholders, near neighbours or businesses. Tier 1 stakeholders also include government agencies that have an authority of approval for activities to be carried out.

6.2 Tier 2 Stakeholders

Tier 2 stakeholders have been identified as those landholders or organisations that are not considered Tier 1 stakeholders and that are located within the boundary of the Exploration Licence (EL6317) area. Tier 2 stakeholders also include government agencies that may have an input into the approval process.

6.3 Tier 3 Stakeholders

Tier 3 stakeholders consist of all other residents that have registered an interest in the Mandalong Southern Extension Project, local and State government organisations, Local, State and Federal Members of Parliament, local and regional businesses, Centennial employees and regional Non-Government Organisations (NGO's). These stakeholders will be considered when undertaking the consultation process and communicated with as necessary.

7 Consultation Strategies

A range of measures will be utilised by Centennial to provide information to the relevant stakeholders on its proposed activities throughout the exploration programme. These will include:

- Letters;
- Newsletters;
- Face to face meetings;
- Information sessions;
- Open days;
- Local newspapers;
- Centennial Coal website; and
- Mandalong Mine Community Consultative Committee (CCC).

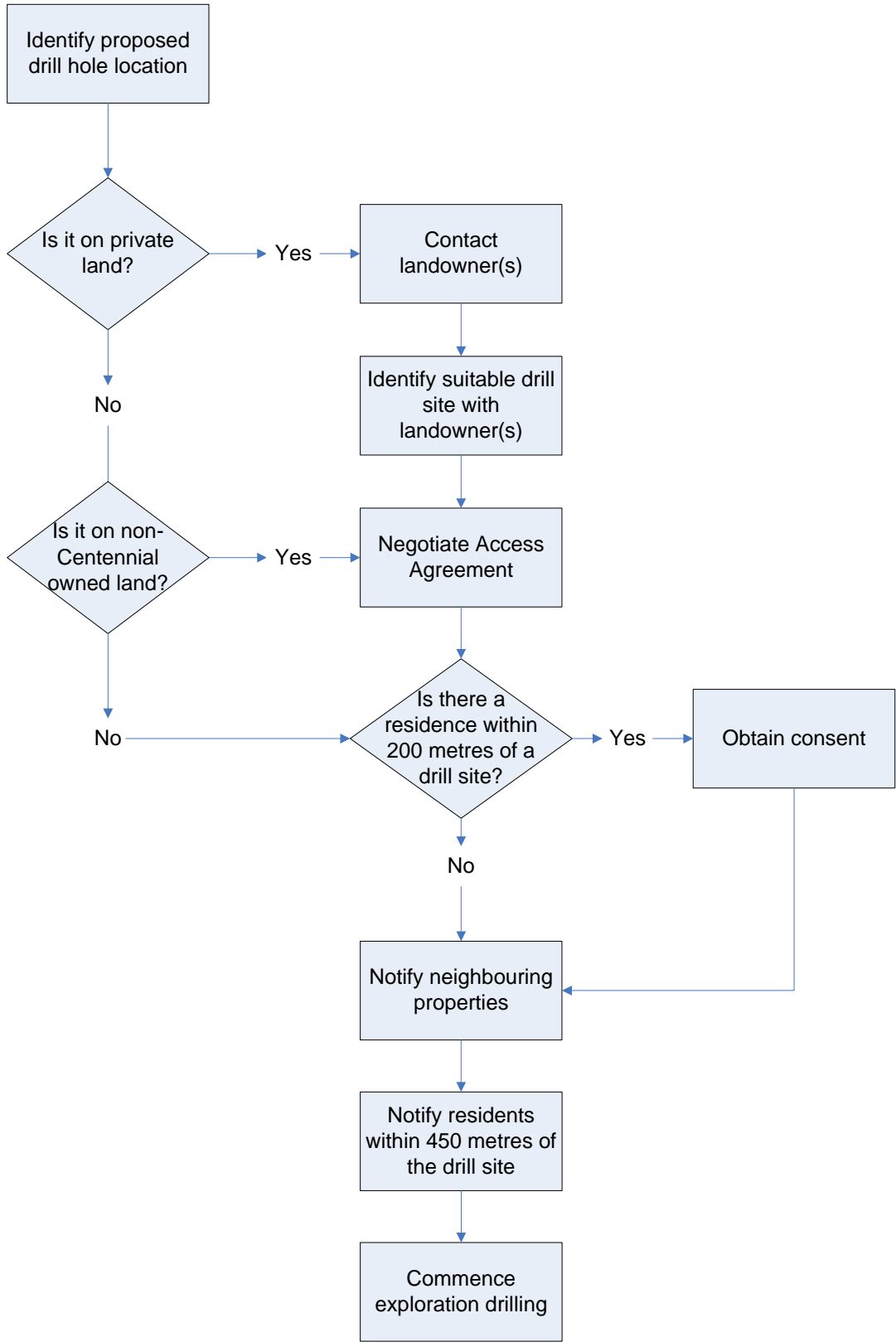
8 Exploration Drilling Consultation Process

Table 1 and Figure 2 below details the consultation process undertaken for each **exploration drilling** location.

Table 1 - Exploration Drilling Stakeholder Identification and Consultation

Tier	Contact	Method
1	Residential/Landholder – if drilling is likely to impact directly on the residence.	<ul style="list-style-type: none"> ▪ Face to face meeting ▪ Letter ▪ Newsletter ▪ Centennial Coal website ▪ Local newspaper
	Landowners neighbouring properties on which exploration drilling activities are being undertaken.	<ul style="list-style-type: none"> ▪ Letter ▪ Face to face meeting (if requested)
	Landowners/occupiers whose principal place of residence is located within 450 metres of an exploration drill site.	<ul style="list-style-type: none"> ▪ Letter ▪ Face to face meeting (if requested)
	Government agencies – Required in obtaining approvals for drilling activities.	<ul style="list-style-type: none"> ▪ Letter ▪ Meetings
2	Residential/Landholder – all other residents located within EL6317.	<ul style="list-style-type: none"> ▪ Newsletter ▪ Centennial Coal website ▪ Local newspaper
	Government agencies – if input is required in approval process.	<ul style="list-style-type: none"> ▪ Letter ▪ Newsletter ▪ Meetings
3	Residential/Landholder – Residents that have an interest in the Mandalong South exploration programme.	<ul style="list-style-type: none"> ▪ Local newspaper ▪ Centennial Coal website ▪ Newsletter (if requested)
	Government agencies/local businesses/NGO's who may have an interest in the Mandalong South exploration programme.	<ul style="list-style-type: none"> ▪ Centennial Coal website ▪ Newsletter (if requested)

Figure 3 – Exploration Drilling Consultation Flowchart



9 Project Consultation Process

Tables 2 and 3 details the consultation strategies and timing that will be used by Centennial Mandalong to consult with relevant stakeholders regarding the Mandalong Southern Extension Project.

Table 2 – Project Stakeholder Identification and Consultation

Tier	Contact	Method
1	Residential/Landholder – All residents impacted by activities associated with the environmental surveys.	<ul style="list-style-type: none"> ▪ Face to face meeting ▪ Letter ▪ Newsletter ▪ Centennial Coal website ▪ Local newspaper ▪ Information sessions ▪ Open days
	Government agencies who have an authority of approval.	<ul style="list-style-type: none"> ▪ Letter ▪ Meetings
	Registered Aboriginal Persons/Groups.	<ul style="list-style-type: none"> ▪ In accordance with Aboriginal Consultation Strategy
2	Residential/Landowner – all other residents located within EL6317.	<ul style="list-style-type: none"> ▪ Newsletter ▪ Centennial Coal website ▪ Local newspaper ▪ Information Sessions ▪ Open days ▪ Face to Face meetings (if requested)
	Government agencies – if input is required in approval process.	<ul style="list-style-type: none"> ▪ Letter ▪ Meetings
3	Residential/Landholder – Residents that have an interest in the Mandalong Southern Extension Project.	<ul style="list-style-type: none"> ▪ Local newspaper ▪ Centennial Coal website ▪ Newsletter (if requested)
	Government agencies/local businesses/NGO's who may have an interest in the Mandalong South exploration programme.	<ul style="list-style-type: none"> ▪ Centennial Coal website ▪ Newsletter (if requested)

Table 3 – Conceptual Consultation Timeline

Date	Medium	Content
October 2009	Newsletter	Introduction to the project
February 2010	Mandalong CCC	Update on project
June 2010	Newsletter	Update on project
June 2012	Mandalong CCC	Update on project
October 2010	Open Day	Exploration drill site open to interested stakeholders
November 2010	Information Flyer	Details on environmental surveys and access agreement negotiation process
November 2010	Mandalong CCC	Update on project
February 2011	Newsletter	Update on project
May 2011	Mandalong CCC	Update on project
June/July 2011	Information Session	Information sessions on subsidence
July 2011	Mandalong CCC	Update on project
September 2011	Newsletter	Update on project
September 2011	Mandalong CCC	Update on project
October 2011	Information Session	Information sessions on groundwater and Aboriginal heritage
February 2012	Mandalong CCC	Update on project
May 2012	Information Session	Mine planning options
May 2012	Newsletter	Update on project
May 2012	Meetings	Discuss surface infrastructure options with potentially impacted landowners
May 2012	Site visit	Site visit of surface facility location options with potentially impacted landowners
June 2012	Mandalong CCC	Update on Project
September 2012	Mandalong CCC	Update on project
October 2012	Information Sessions	Information sessions on the results of the EIS technical studies
October 2012	Newsletter	Update on project

December 2012	Mandalong CCC	Update on project
November 2012	Letter	Notification of EIS submission
November 2012	Advertisement	Advertisement in the local paper notifying of EIS submission
March 2013	Newsletter	Update on project
March 2013	Mandalong CCC	Update on project

10 Community Information Line

The community are able to seek additional information or make complaints about the Project via a dedicated phone line. The Mandalong South Project Community Information Line is 1800 731 966. Although this is not manned 24 hours a day, the message bank will be checked and a follow up response made as soon as practicable.

11 Review

This Stakeholder Engagement Plan should be reviewed regularly and updated as required. Any additional stakeholders identified during the course of the Project will be added to the database and communicated with through the appropriate methods.

12 Contacts

The Key Contacts for the Mandalong Southern Extension Project are outline below. For any community questions or concerns relating to this Project, please contact the Environment and Community Coordinator (Projects). Any media enquiries should be directed to the Centennial Coal Group Manager – External Affairs.

James Wearne – Environment and Community Coordinator (Projects)

Phone: 0407 207 530

Email: james.wearne@centennialcoal.com.au

Katie Brassil – Group Manager (External Affairs)

Phone: (02) 49358937

Email: katie.brassil@centennialcoal.com.au

Peter Cook – Mandalong Southern Extension Project Manager

Phone: 0406 384 421

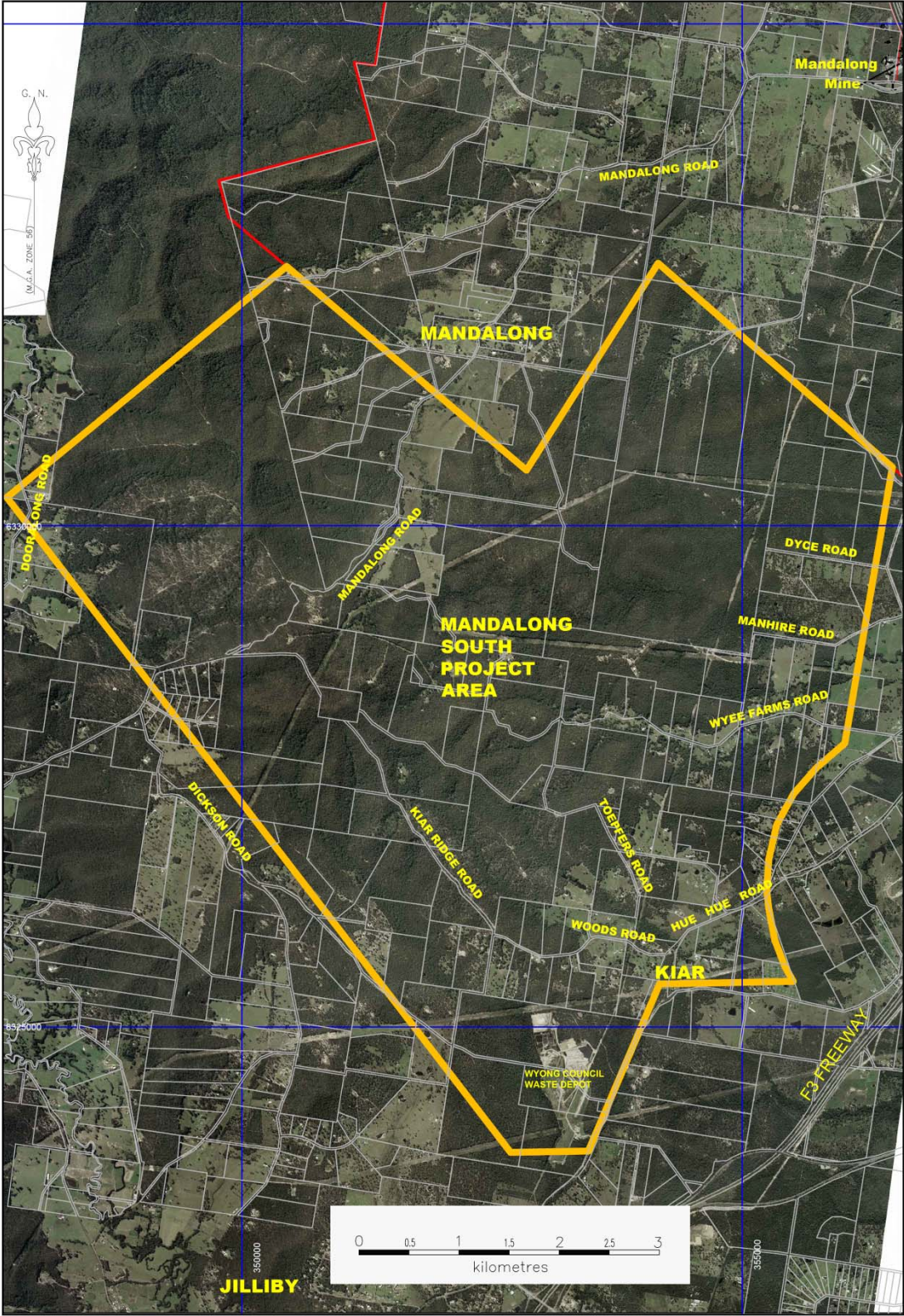
Email: peter.cook@centennialcoal.com.au

John Brunton – Geologist (Projects)

Phone: (02) 49358905

Email: john.brunton@centennialcoal.com.au

Appendix 1 - Mandalong Southern Extension Project Area



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