



# Centennial Coal

Angus Place



## *Longwalls 900W and 910 Subsidence Community Consultation Process*

### Angus Place Colliery

November 2013



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## Abbreviations

<b>AEMR</b>	Annual Environmental Management Report (now known as Annual Review)
<b>CCC</b>	Community Consultative Committee
<b>CCL</b>	Consolidated Coal Lease
<b>DP&amp;I</b>	NSW Department of Planning and Infrastructure
<b>DTIRIS</b>	NSW Department of Trade and Investment, Regional Infrastructure and Services – Division of Resources and Energy
<b>FCNSW</b>	Forestry Corporation of NSW
<b>ML</b>	Mining Lease
<b>Mtpa</b>	Million tonnes per annum
<b>OEH</b>	NSW Office of Environment and Heritage
<b>ROM</b>	Run of mine
<b>SMP</b>	Subsidence Management Plan
<b>TARP</b>	Trigger Action Response Plan

## 1. INTRODUCTION

Angus Place Colliery (Angus Place) is an underground coal mining operation located approximately five kilometres north of the village of Lidsdale, eight kilometres northeast of the township of Wallerawang and approximately 15 kilometres northwest of the city of Lithgow in the Blue Mountains region of NSW. It is bordered by Springvale Colliery to the south, Ivanhoe Colliery to the northwest and Wolgan Valley and Newnes Plateau to the north and east, respectively. The regional locality of Angus Place is shown on **Figure 1**.

Angus Place has been in operation since 1979 and is operated by Centennial Angus Place Pty Ltd, a joint venture company owned in equal share between the Centennial Coal Company Ltd and SK Kores of Korea. Secondary extraction of coal is currently undertaken at Angus Place utilising the longwall method of mining within Mining Lease (ML) 1424 and Consolidated Coal Lease (CCL) 704.

Project Approval PA 06\_0021 was granted by the then NSW Department of Planning (now NSW Department of Planning and Infrastructure (DP&I)) on 13 September 2006. This approval allowed for an extension of underground longwall mining operations (Longwalls 920 – 980) and an increase in run of mine (ROM) coal production to 3.5 million tonnes per annum (Mtpa). PA 06\_0021 has been modified on two occasions. Modification 1 (Mod 1) was approved on 29 August 2011 and allowed for the development and extraction of two additional longwall panels (Longwall 900W and 910) as well as an increase in production limit to 4 Mtpa. Modification 2 (Mod 2) was approved in April 2013 and allowed for the development of underground roadways and the construction and operation of a Ventilation Facility (APC-VS2) and supporting infrastructure.

This *Longwalls 900W and 910 Subsidence Community Consultation Process* (Subsidence Community Consultation Process) has been developed in accordance with Section 7.4 of the *Guideline for Application for Subsidence Management Approvals* (2003) as issued by the then NSW Department of Mineral Resources (now NSW Department of Trade and Investment, Regional Infrastructure and Services – Division of Resources and Energy (DTIRIS)). Regulatory requirements applicable to the development of this document are outlined in **Section 4**.

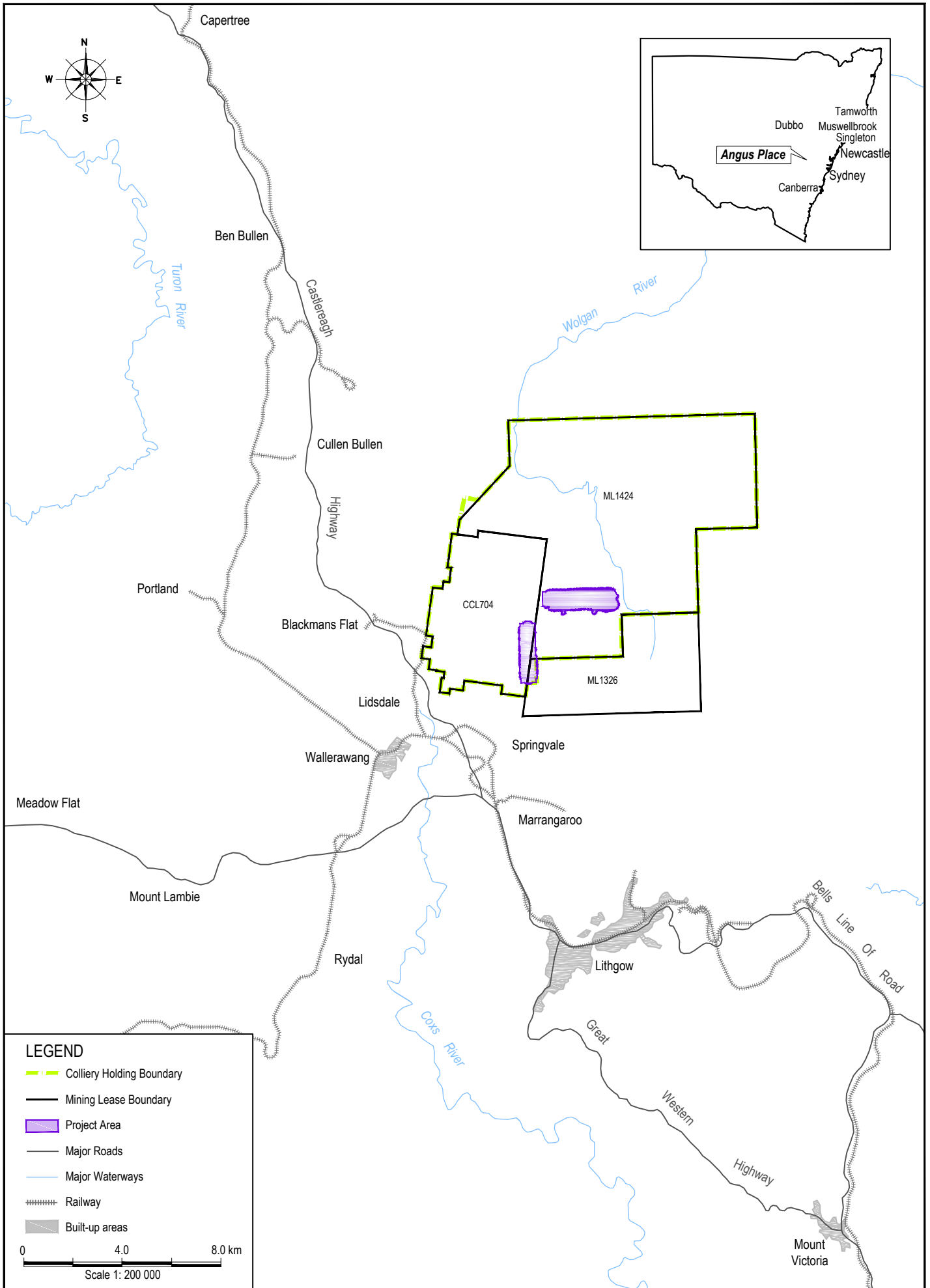
## 2. PURPOSE

The purpose of this Subsidence Community Consultation Process is to outline the consultation procedures that will ensure that the needs of the community for information, consultation and participation are adequately provided during the development and implementation of the *Longwalls 900W and 910 Integrated Subsidence Management Plan* (SMP)/Extraction Plan, via a transparent and interactive process. This document specifically relates to consultation regarding the secondary extraction of Angus Place Longwalls 900W and 910. Required actions and responsibilities are defined to ensure the adequate implementation of this process.

## 3. SCOPE

This Subsidence Community Consultation Process applies to the Longwalls 900W and 910 area (herein referred to as the Project Area). In accordance with the requirements of the *Guidelines for Applications for Subsidence Management Approvals* (NSW Department of Mineral Resources, 2003), this Project Area has been calculated by combining the areas bound by the following limits (see **Figure 2**):

- A 26.5 degree (°) angle of draw line from the limit of proposed extraction; and
- The predicted limit of vertical subsidence, taken as the 20 millimetres (mm) subsidence contour resulting from the extraction of the Longwalls 900W and 910.

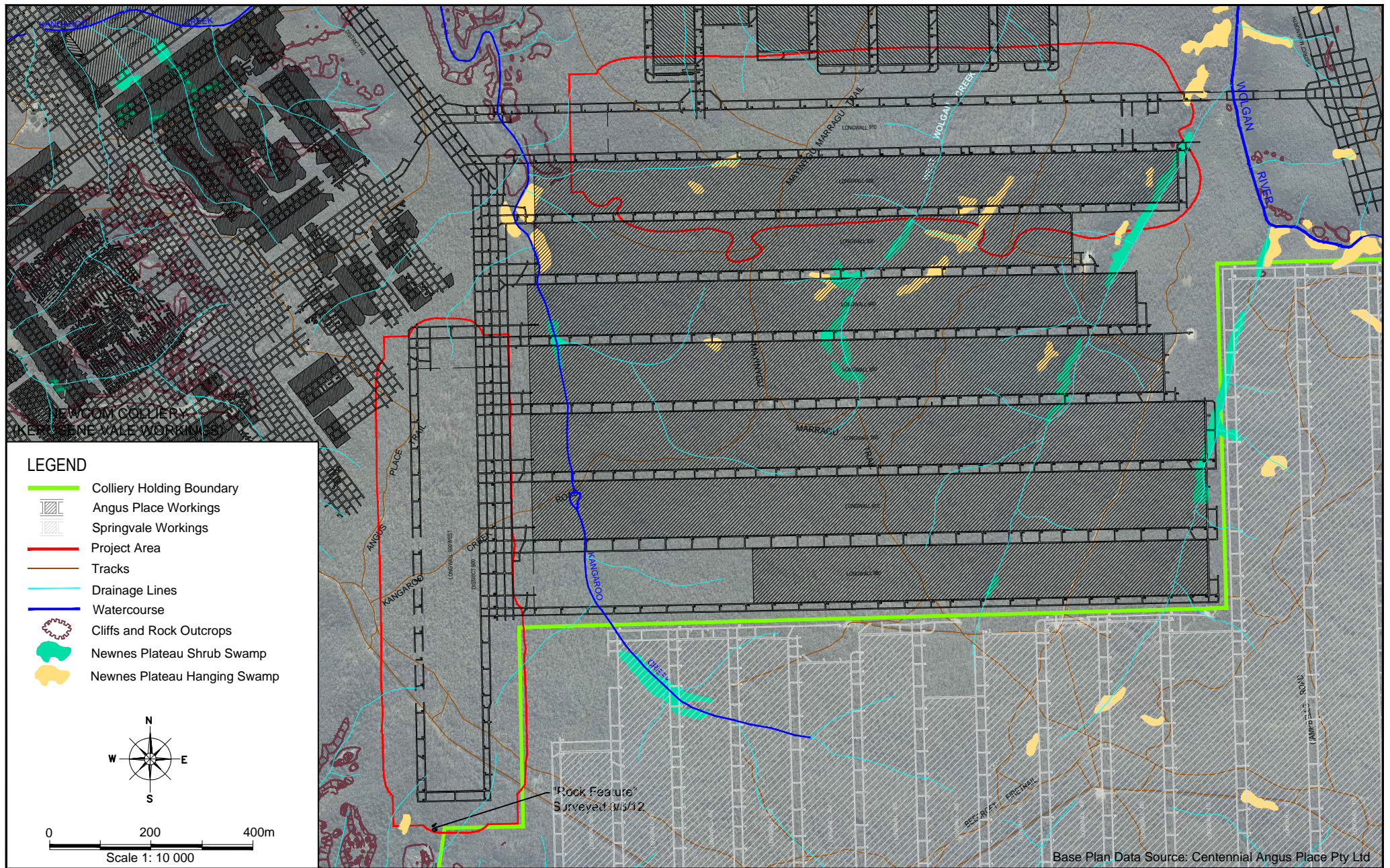


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Longwalls 900W and 910 Subsidence Community Consultation Process  
Regional Locality

**FIGURE 1**





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## 4. REGULATORY REQUIREMENTS

### 4.1. Project Approval and Statement of Commitments

There are no specific conditions imposed by Project Approval PA 06\_0021 (as modified), nor are there any commitments made by Angus Place in the Statement of Commitments appended to PA 06\_0021, that are relevant to the preparation of this Subsidence Community Consultation Process.

### 4.2. Mining Leases

The Project Area is associated with three mining tenements, these being ML1326, ML1424 and CCL704. There are no specific conditions included in these instruments relevant to the preparation of this Subsidence Community Consultation Process.

### 4.3. Longwalls 930 – 980 SMP Approval

In accordance with the requirements of relevant mining tenements, Angus Place received SMP Approval from the then NSW Department of Primary Industries (now DTIRIS) in December 2005, allowing first workings and secondary extraction within Longwalls 930 – 980. This SMP Approval includes nine conditions relevant to community consultation in relation to subsidence at Angus Place. These conditions and where they have been addressed within this document, have been summarised in **Table 1**.

While the SMP Approval for Longwalls 930 – 980 does not relate to the subject Longwalls 900W and 910, **Table 1** has been included to demonstrate that the typical conditions associated with an SMP Approval, specifically those already applicable at Angus Place, have been addressed within this document. This section will be reviewed and revised (if necessary) following receipt of SMP Approval for the Project Area.

**Table 1. Relevant SMP Approval Conditions**

Condition	Condition Requirement	Section Addressed
2	The SMP is approved subject to the conditions set out in this document. The SMP, as modified by these conditions, must be implemented by the leaseholder. If there is any inconsistency between the approved SMP and the following conditions of this approval, the following conditions shall prevail to the extent of the inconsistency. The approved SMP also includes: c) 'Subsidence Community Consultation Process' dated September 2006	This document
7	The leaseholder shall give notice of this SMP approval to the Department of Planning, Department of Natural Resources, Department of Environment and Conservation, City of Greater Lithgow Council, Mine Subsidence Board, NSW State Forests, Hawkesbury Nepean Catchment Authority, Sydney Catchment Authority, NSW Heritage Office, Bathurst Local Aboriginal Land Council, the owners/operators of any infrastructure and landowners in the application area and any other relevant government agencies or stakeholders as listed in the Guideline for Application for Subsidence Management Approvals, that the Director General's approval for the proposed Subsidence Management Plan has been granted. This notification and its distribution list shall be provided to the Director, Environmental Sustainability, within one month from the date of this approval.	Sections 6.1.6 and 6.1.7

Condition	Condition Requirement	Section Addressed
8	The Leaseholder shall develop and implement a program to ensure on-going baseline data collection, investigation, assessment and regular reviews with the relevant stakeholders. A review schedule shall be developed in consultation with these stakeholders. The review schedule shall be submitted to the Director Environmental Sustainability within four months of this approval. The Leaseholder shall undertake further reviews if such reviews are requested by the Director Environmental Sustainability or the Principal Subsidence Engineer.	Section 6.1.1
9	The required on-going baseline data collection, investigation, assessment and reviews shall aim to identify appropriate management measures to mitigate and/or remediate subsidence impacts. The Leaseholder shall ensure that management reviews are conducted in consultation with the relevant stakeholders, prior to subsidence of any important surface features or as otherwise determined in the said review schedule as per Condition 8.	Section 9
10	The Leaseholder shall regularly seek advice and/or feedback from the relevant stakeholders, with regard to the adequacy, quality and effectiveness of the implemented management processes and the need for any appropriate management measures, early response actions or emergency procedures to ensure adequate management of any potential subsidence impacts due to longwall mining.	Section 9
11	The leaseholder shall undertake a subsidence monitoring/reporting program for the subject panels. The program shall include but not be limited to any proposed inspection regimes, layout of monitoring points, parameters to be measured, monitoring methods and accuracy, timing and frequencies of surveys and inspections. It shall be agreed to by the Principal Subsidence Engineer prior to commencement of longwall mining. The leaseholder must implement any changes to the monitoring/reporting program, if required by the Principal Subsidence Engineer during the development of subsidence arising from longwall mining.	Section 6.1.6
12	The leaseholder shall prepare an end of panel report to encompass all environmental and subsidence monitoring, including a comparison of actual impacts with predicted subsidence impacts. This report shall be submitted to the Director, Environmental Sustainability, within three months of extraction being completed for each longwall panel.	Section 6.1.3

Condition	Condition Requirement	Section Addressed
13	<p>The Leaseholder shall provide to the Mine Subsidence Board, the owners/operators of any infrastructure and the Director Environmental Sustainability and Principal Subsidence Engineer of the Department of Primary Industries, notification within 24 hours of occurrence or identification of the following during the development of subsidence caused by longwall mining. The same information shall also be made available to other relevant stakeholders if requested.</p> <ul style="list-style-type: none"> <li>a) Any observed subsidence impacts adverse to groundwater resources and/or the natural environment that may be affected by longwall mining;</li> <li>b) Any observed subsidence impacts adverse to the serviceability and/or safety of infrastructure and other built structures that may be affected by longwall mining;</li> <li>c) Any significant unpredicted and/or higher than predicted subsidence and/or abnormalities in subsidence development in any surface areas that may be affected by longwall mining;</li> <li>d) Any adverse subsidence impacts reported by any relevant stakeholder; and</li> <li>e) Any other relevant information requiring prompt notification</li> </ul> <p>Note: Pursuant to paragraph (e) of the subsidence management condition in the leaseholder's Coal Lease, the SMP is also subject to the requirements for subsidence monitoring and reporting set out in the document '<i>New Approval Process for Management of Coal Mining Subsidence – Policy (2003)</i>'. The monitoring and reporting requirements set out in that document apply, as modified by these conditions.</p>	Sections 6.1.6 and 6.1.7
14	<p>The Leaseholder shall prepare and regularly up-date a Subsidence Management Status Report until the completion of subsidence in the application area. This Status Report shall be provided to the Mine Subsidence Board, the Director of Environmental Sustainability and Principal Subsidence Engineer of the Department of Primary Industries. This Report shall also be made available to other relevant stakeholders if requested. It shall be submitted at a minimum four monthly interval from the date of this approval, or at any other interval as required in writing by the Director Environmental Sustainability or the Principal Subsidence Engineer, and shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>a) Face position of the longwall panel being extracted;</li> <li>b) A summary of any management actions undertaken by the leaseholder;</li> <li>c) A summary of the results of consultation with the stakeholders as per Condition 10;</li> <li>d) A summary of the observed and/or reported subsidence impacts, incidents, service difficulties, community complaints, and any other relevant information reported as per Condition 13;</li> <li>e) A summary of subsidence development based on monitoring information from the subsidence monitoring programs, including a statement with regard to any identified trend in the development of ground deformations/subsidence movements in the application area, as compared with any defined triggers and/or the predicted subsidence to facilitate early detection of potential subsidence impacts;</li> <li>f) A summary with regard to the adequacy, quality and effectiveness of the implemented management processes based on the monitoring and consultation information summarised above; and</li> <li>g) A statement regarding any management actions to be undertaken or the need for early responses or emergency procedures to ensure adequate management of any potential subsidence impacts due to longwall mining.</li> </ul>	Section 6.1.2

#### 4.4. Guideline Requirements

The *Guideline for Application for Subsidence Management Approvals* (NSW Department of Mineral Resources, 2003) outlines the aspects that should be included within a Subsidence Community Consultation Process. These requirements and where they have been addressed in this document have been provided in **Table 2**.

**Table 2. Relevant Guideline Requirements**

Number	Requirement	Section Addressed
1	Mechanisms for the community to monitor and comment on the implementation of the SMP in relation to the progress of the proposed mining operation;	Section 6.1
2	Systems, such as individual consultation with community members, committees, advisory panels, regular reporting/review, etc. to ensure effective communication between the applicant and the community, in order to facilitate fair and informed discussions/decision making in relation to subsidence management. In particular, how the identified subsidence issues causing significant community concerns will be taken into account in the SMP;	Section 6.1
3	Mechanisms to record and to respond to community inquiries, concerns or complaints;	Section 6.3
4	Mechanisms to facilitate conflict management, and	Section 6.3
5	Any other site-specific procedural protocols to ensure management outcomes that are consistent with government policies, taking into account community expectations.	Section 6.4

#### 5. IDENTIFIED RISKS

On 25 July 2012 an SMP Risk Assessment was conducted to identify subsidence-related hazards that may affect the environment and community as a result of the extraction of Angus Place Longwalls 900W and 910. This risk assessment was completed in accordance with the requirements of the *Guideline for Applications for Subsidence Management Approvals* (Department of Mineral Resources, 2003) and the *Centennial Coal Risk Management Standard - Management Standard 004* (Centennial Coal, 2008).

Risks were identified and assessed through the review of known surface and sub-surface features within the Project Area. A risk ranking (low, moderate, significant, high or extreme) was assigned to each risk/hazard. There was one potential risks to community engagement identified during the SMP Risk Assessment which related to potential impacts to recreational activities within the Newnes State Forest area overlying the Project Area. This risk and the recommended controls are presented in **Table 3**.

**Table 3. Stakeholder Management Risks**

Risk	Current Controls	Risk Ranking	Recommended Controls
There is a risk to Angus Place from ::: Impacts to recreational activities within state forest area :::	Existing Public Safety Management Plan including;	Low	Prepare Public Roads and Infrastructure Management Plan for the Project Area.
	Subsidence warning signs		
	Pre/Post mining inspections		Prepare Public Safety Management Plan for the
	Notification of relevant		

Risk	Current Controls	Risk Ranking	Recommended Controls
Caused by: Subsidence Resulting in: Community Complaints.	stakeholders		Project Area.
	Road and Infrastructure Management Plan		
	Subsidence Assessment predicts surface cracking of up to 90mm		
	Mining geometry design to minimise potential surface impact		
	Community Consultation Committee		
	Community Hotline		

To further mitigate subsidence-related risks to the community, Angus Place has implemented the 'recommended controls' as listed in **Table 3**. In addition to this Subsidence Community Consultation Process, a *Longwalls 900W and 910 Built Features Management Plan* and a *Longwalls 900W and 910 Public Safety Management Plan* have been prepared as components of the *Longwalls 900W and 910 Integrated SMP/Extraction Plan*.

## 6. CONTROL PROCEDURES

### 6.1. Community Consultation Mechanisms and Systems

#### 6.1.1. Review Schedule

In accordance with Condition 8 of the Longwalls 930 – 980 SMP Approval (see **Section 4.3**), a Review Schedule has been developed to provide a process that ensures on-going baseline data collection, investigation, assessment and regular reviews with the relevant stakeholders regarding Longwalls 930 - 980. The Review Schedule was submitted to the relevant stakeholders on 4 July 2006 and subsequently submitted to the then Director Environmental Sustainability as part of the *Baseline Monitoring Program for the Longwall 930 - 980 SMP*. A summary of the responses received from the consulted stakeholders was also provided to the Director Environmental Sustainability.

This Review Schedule will be updated following approval of the *Longwalls 900W and 910 Integrated SMP/Extraction Plan* in consultation with the relevant stakeholders and will be re-submitted to the Director Environmental Sustainability within four months of receiving the approval. Angus Place will undertake further reviews as needed and/or if requested by the DTIRIS Director Environmental Sustainability or the Principal Subsidence Engineer.

#### 6.1.2. Subsidence Management Status Reports

Angus Place prepares a Subsidence Management Status Report every four months as required under the Longwall 930 - 980 SMP Approval. During the preparation of the *Longwalls 900W and 910 Integrated SMP/Extraction Plan* it was identified that there was potential duplication associated with the reporting requirements of the current SMP Approvals (four-monthly Subsidence Management Status Reports) and the reporting requirements outlined in the *Draft Guidelines for the Preparation of Extraction Plans* (DP&I, 2012) (Bi-monthly Subsidence Impact Reports and Six-monthly Environmental Monitoring Reports). Consultation with DTIRIS and DP&I has confirmed that the requirement to prepare Subsidence Management Status Reports has been superseded by the reporting requirements outlined in the *Draft Guidelines for the Preparation of Extraction Plans* (DP&I, 2012). Subsequently Subsidence Management Status Reports will not be prepared for the Project Area. Details of the reporting that will be undertaken by Angus Place during the secondary extraction of Longwalls 900W and 910 have been provided in **Section 8**.

#### 6.1.3. End of Panel Report

Angus Place currently prepares and End of Panel Report for Longwalls 930 - 980. These reports are submitted to the DTIRIS Director of Environmental Sustainability within three months of extraction being completed for each longwall panel. The End of Panel Reports encompass all environmental and subsidence monitoring data, including a comparison of actual impacts with predicted impacts.

The End of Panel Reports will continue to be submitted during mining of Longwalls 900W and 910.

#### 6.1.4. Subsidence Review Meetings

Following the completion of the End of Panel Report for Longwalls 900W and 910, a subsidence review meeting will be held if results are greater than predicted for interested stakeholders.

#### 6.1.5. Community Consultative Committee

Schedule 5, Condition 8 of Project Approval PA 06\_0021 requires the establishment of a Community Consultative Committee (CCC) for Angus Place. Nominated members of the Angus Place CCC were approved by the Director-General of the then NSW Department of Planning on 13 December 2006 and the first meeting was held on 5 February 2007. In June 2012 the CCC was combined with

Springvale Colliery due to the similarity in operations and the opportunity to facilitate a single channel of communication for both sites. The CCC meets twice a year in accordance with PA 06\_0021 and has the following functions:

- Review the environmental management (including the subsidence impacts and management) and community relations performance;
- Review recent and planned mining operations;
- Review community concerns and/or complaints, along with the complaints handling procedures; and
- Provide feedback to the site, DP&I and the wider community.

The CCC is currently comprised of:

- An independent chairperson;
- Four representatives from Centennial Coal, including the Environment and Community Coordinator;
- One representative from Lithgow City Council; and
- At least three representatives from the local community.

Any requirement to undertake additional consultation is discussed at the CCC meetings and undertaken where necessary.

Minutes from the CCC meetings are made available on the Centennial Coal website and at Wallerawang Branch Library. The CCC meetings will continue to be held during mining of Longwalls 900W and 910.

### **6.1.6. Stakeholder Engagement Plan**

Angus Place undertakes consultation in accordance with the *Stakeholder Engagement Plan*. The objectives of this *Stakeholder Engagement Plan* are to:

- Communicate with stakeholders regarding the proposed mining activities;
- Record and continually assess consultation processes and outcomes; and
- To consider and provide feedback on the outcomes of consultation with stakeholders into the environmental assessment process.

The *Stakeholder Engagement Plan* has been designed to:

- Identify stakeholder groups relevant to Angus Place;
- Effectively manage and facilitate the engagement of stakeholders;
- Communicate with stakeholders and share information;
- Define means of recording feedback from stakeholders and Angus Place's responses; and
- Ensure appropriate monitoring and reporting of community/statutory initiated enquiries and contact as per the *Angus Place Procedure for External Communication*.

### **6.1.7. Government Consultation**

The *Longwalls 900W and 910 Integrated SMP/Extraction Plan* has been developed in consultation with DTIRIS and DP&I. Angus Place will review and implement any changes to the *Longwalls 900W*



and 910 Integrated SMP/Extraction Plan if considered necessary by the Principal Subsidence Engineer during the development of subsidence arising from the secondary extraction of Longwalls 900W and 910.

Angus Place will also notify the Mine Subsidence Board, DTIRIS Director Environmental Sustainability and DTIRIS Principal Subsidence Engineer within 24 hours of occurrence or identification of any of the following during mining of Longwalls 900W and 910:

- Any observed subsidence posing adverse impacts to the natural environment (including groundwater resources);
- Any observed subsidence posing adverse impacts to the serviceability and/or safety of built infrastructure/structures;
- Any significant unpredicted and/or higher than predicted subsidence and/or abnormalities in subsidence development;
- Any adverse subsidence impacts reported by any relevant stakeholder; and
- Any other relevant information requiring prompt notification.

Angus Place has developed a schedule for holding meetings and providing reports with relevant government agencies in relation to mining within the Longwall 930 – 980 SMP Area. The schedule that has been implemented during mining of Longwalls 930 – 980 has been amended for Longwalls 900W and 910 to reflect the proposed changes to reporting requirements under the *Draft Guidelines for the Preparation of Extraction Plans* (DP&I, 2012) (i.e. replacing Subsidence Management Status Reports with Six-monthly Environmental Monitoring Reports) and has been presented in **Table 4**.

**Table 4. Summary of Government Agency Consultation and Reporting**

Stakeholders	Communication Method	Frequency and Date
<ul style="list-style-type: none"> <li>• DP&amp;I;</li> <li>• NSW Office of Environment and Heritage (OEH);</li> </ul>	Annual Environmental Management Report (AEMR)/Annual Review.	Annually (end March each calendar year).
<ul style="list-style-type: none"> <li>• Lithgow City Council;</li> <li>• FCNSW;</li> </ul>	Six-monthly Environmental Monitoring Reports	Six-monthly
<ul style="list-style-type: none"> <li>• Sydney Catchment Authority;</li> <li>• Mine Subsidence Board (MSB);</li> <li>• DTIRIS.</li> </ul>	Subsidence Review Meeting	As triggered by environmental monitoring results greater than predicted and requested by stakeholder
<ul style="list-style-type: none"> <li>• DTIRIS;</li> <li>• Others as requested by DTIRIS.</li> </ul>	End of Panel Report.	Three months after the completion of each longwall panel.

Within one month of the approval of the *Longwalls 900W and 910 Integrated SMP/Extraction Plan*, Angus Place will give notice of the approval to the DP&I, DTIRIS, OEH, Lithgow City Council, Mine Subsidence Board, FCNSW, Sydney Catchment Authority, OEH and any other relevant government agencies. This notification and the distribution list will be provided to the DTIRIS Director of Environmental Sustainability.

#### 6.1.8. Non-Government Consultation

The *Longwalls 900W and 910 Integrated SMP/Extraction Plan* has been developed in consultation with the Blue Mountains Conservation Society and the Colong Foundation.

Within one month of the approval of the *Longwalls 900W and 910 Integrated SMP/Extraction Plan*, Angus Place will give notice of the approval to the Bathurst Local Aboriginal Land Council, Gundungurra Tribal Council Aboriginal Corporation, Mingaan Aboriginal Corporation, and Warrabinga Native Title Claimants Aboriginal Corporation, owners/operators of any infrastructure within the Project Area and the relevant landowner (FCNSW). This notification and the distribution list will be provided to the DTIRIS Director of Environmental Sustainability.

Angus Place will provide notification to the owners/operators of infrastructure within the Project Area, along with any other relevant stakeholders, within 24 hours of occurrence or identification of the following during mining of Longwalls 900W and 910:

- Any observed subsidence posing adverse impacts to the natural environment (including groundwater resources);
- Any observed subsidence posing adverse impacts to the serviceability and/or safety of built infrastructure/structures;
- Any significant unpredicted and/or higher than predicted subsidence and/or abnormalities in subsidence development;
- Any adverse subsidence impacts reported by any relevant stakeholder; and
- Any other relevant information requiring prompt notification.

Additional consultation methods are undertaken for new projects as required in accordance with the *Angus Place Stakeholder Engagement Plan* (see **Section 6.1.6**), which may include letter box drops of leaflets, articles and project updates in the Lithgow Mercury, and additional community information sessions.

In addition to the above, Centennial personnel engage regularly with regional non-governmental organisations regarding a number of issues. Most notably are the meetings with the Colong Foundation for Wilderness and the Blue Mountains Conservation Society. Discussions primarily focus on matters concerning subsidence management for the Springvale and Angus Place collieries. These meetings will continue during the mining of Longwalls 900W and 910.

### **6.1.9. Aboriginal Groups**

As outlined in the *Longwalls 900W and 910 Heritage Management Plan*, ongoing liaison with the Aboriginal community will be undertaken should any matters relating to Aboriginal heritage arise. Ongoing consultation will continue to be undertaken with the Aboriginal groups in accordance with the *Stakeholder Engagement Plan* (see **Section 6.1.6**).

Aboriginal community consultation at Angus Place is undertaken in accordance with the *NSW Aboriginal Cultural Heritage Consultation Requirements for Proponents* (NSW Department of Environment, Climate Change and Water, 2010), and a number of Aboriginal community stakeholders have registered their interest in the operation. A *Cultural Heritage Management Plan* has been developed by Centennial Coal in order to avoid or minimise the potential impact on Aboriginal sites. Prior to any surface disturbance, field surveys involving the Aboriginal groups are undertaken across the proposed disturbance areas.

Angus Place is subject to a Deed of Agreement entitled the *Centennial Coal Projects Ancillary Deed of 2003*. This document requires Angus Place to consult specifically with the Gundungurra Native Title Claim Group. To this end, as mentioned above, a *Cultural Heritage Management Plan* has been developed by Centennial in order to avoid (where possible) and/or minimise the potential impact on Aboriginal sites.

The requirements for specific situations that require Aboriginal cultural heritage surveys to be undertaken in conjunction with the Gundungurra Native Title Claim Group are defined in clause 2 of the *Cultural Heritage Management Plan*. During the mining of Longwalls 900W and 910 Gundungurra Native Title Claim Group will continue to be informed on all activities related to such surveys in accordance with the *Stakeholder Engagement Plan*.

## **6.2. Mechanisms to Respond to Community Enquires or Complaints**

All relevant stakeholders have the Angus Place Environment and Community Coordinator's contact details for any enquiries, concerns or complaints. The Environment and Community Coordinator contact details are also provided to stakeholders in all correspondence and in the Six-monthly Environmental Status Reports. Additionally, the Angus Place contact details are advertised in the White Pages telephone directory and on the Centennial Coal website.

In the case of an enquiry, concern, complaint or incident, Angus Place's Community Complaints Procedure is instigated. The nature of the complaint or incident may trigger corrective actions as outlined in the relevant management plan and/or monitoring program, including:

- *Longwalls 900W and 910 Built Features Management Plan;*
- *Longwalls 900W and 910 Public Safety Management Plan;*
- *Longwalls 900W and 910 Land Management Plan;*
- *Longwalls 900W and 910 Heritage Management Plan;*

- *Longwalls 900W and 910 Rehabilitation Management Plan;*
- *Longwalls 900W and 910 Environmental Monitoring Program;*
- *Longwalls 900W and 910 Kangaroo Creek Management Plan;* and
- *Longwalls 900W and 910 Subsidence Monitoring and Reporting Program.*

Angus Place has developed forms to be completed in the event of any complaint or incident. All details regarding the event, including follow-up actions, are recorded on the form and it is filed on site for future reference.

### **6.3. Mechanisms to Facilitate Conflict Management**

In the event of a dispute or conflict that cannot be resolved through the Subsidence Community Consultation Process initiatives, Angus Place will assess all correspondence/complaints and provide a copy to DTIRIS. Resolution may require the referral to an Independent Dispute Facilitator to be appointed in consultation with DTIRIS.

Angus Place would also refer to its *Dispute Resolution Process*, which is appended to Project Approval PA 06\_0021.

### **6.4. Additional Protocols**

In addition to the measures outlined above, Angus Place staff review government agency websites on a regular basis and attend industry seminars to keep abreast of subsidence issues and their management within other coal fields.

Angus Place also contributes to the Centennial Coal Western news page, which appears monthly (third Thursday of the month) in the Lithgow Mercury. The news page provides the regional community with an update of Centennial's western operations, as well as activities taking place within the community. Also featured are the community information telephone lines specific to each operation.

The Centennial Coal website provides interested parties with information on site and the environmental performance of the mine. Copies of approvals, environment management plans, subsidence management plans, environmental impact assessments, community consultation, environmental management reports, independent environment audits and environmental monitoring data is made available to the public on the website ([www.centennialcoal.com.au](http://www.centennialcoal.com.au)).

A complaints line currently exists at Angus Place to receive calls from the local community. The complaints line (02 6354 8700) operates 24 hours a day, 7 days a week. The phone number is listed in the local directory for easy access and all residents are encouraged to contact the site regarding any issue of concern.

## **7. ROLES AND RESPONSIBILITIES**

The responsibility for implementation, monitoring and review of the Subsidence Community Consultation Process lies with the Environment and Community Coordinator. The ultimate responsibility for the implementation of the Subsidence Community Consultation Process lies with the Mine Manager, who shall make appropriate resources available. The roles and responsibilities for the Subsidence Community Consultation Process are outlined in **Table 5**.

**Table 5. Key Personnel and Accountabilities**

Position	Responsibility
Mine Manager	<ul style="list-style-type: none"> <li>• Ensuring that sufficient resources are available to implement and execute the requirements of this document; and</li> <li>• Reporting triggers/non-conformances to external stakeholders.</li> </ul>
Environment and Community Coordinator	<p>Implementation, monitoring and review of this plan, including:</p> <ul style="list-style-type: none"> <li>• Reporting non-conformances internally to the Mine Manager as appropriate;</li> <li>• Consultation during the review process with relevant stakeholders and distributing this Subsidence Community Consultation Process;</li> <li>• Co-ordinating the generation and submission of formal reporting requirements outlined in this document (e.g. End of Panel Reports and the AEMR/Annual Review); and</li> <li>• Reviewing this Subsidence Community Consultation Process.</li> </ul>

## 8. REPORTING

In accordance with the requirements of the *Draft Guidelines for the Preparation of Extraction Plans* (DP&I 2012), Angus Place will submit the following reports to the DP&I and DTIRIS during the secondary extraction of Longwalls 900W and 910:

- Bi-monthly Subsidence Impact Reports - These reports will be submitted following the regular monthly inspections if any new subsidence impacts are identified; and
- Six-monthly Environmental Monitoring Report - This report will include:
  - a comprehensive summary of all impacts, including a revised characterisation according to the relevant Trigger Action Response Plans (TARPs) as provided in the relevant specific management plans and any proposed actions resulting from the relevant TARP;
  - an assessment of compliance with relevant performance indicators detailed in the relevant specific management plans; and
  - a comprehensive summary of all quantitative and qualitative environmental monitoring results.

The AEMR/Annual Review will be made available on the Centennial Coal website and will include subsidence monitoring results, performance against subsidence predictions and identification of any subsidence related environmental impacts identified during the reporting period.

In accordance with the requirements of Schedule 5, Condition 6 of PA 06\_0021, Angus Place will notify the Director-General of DP&I, FCNSW and any other relevant agencies of any incident resulting from the extraction of Longwalls 900W and 910 as soon as practicable after becoming aware of the incident. Within seven days of the incident, the Proponent shall provide the Director-General of DP&I and any relevant agencies with a detailed report on the incident.

Angus Place will also prepare an End of Panel Report to encompass all environmental and subsidence monitoring, including a comparison of actual impacts with predicted subsidence impacts. This report will be submitted to DTIRIS within three months of secondary extraction being completed in each longwall panel.

## 9. REVIEW

This Subsidence Community Consultation Process will be reviewed every three years, or in the event that the following occur:

- Stakeholders raise issues that necessitate a review;
- There are changes to the management requirements (e.g. changes to related approvals); or
- Monitoring, incident, or audit processes demonstrate that a review is warranted.

Any amendments to the Subsidence Community Consultation Process will be undertaken in consultation with the DTIRIS and other relevant stakeholders. Following any changes a copy of the amended Subsidence Community Consultation Process will be forwarded to the DTIRIS for approval.

Angus Place shall regularly seek advice and/or feedback from the relevant stakeholders, with regard to the adequacy, quality and effectiveness of the implemented management processes and the need for any appropriate management measures, early response actions or emergency procedures to ensure adequate management of any potential subsidence impacts due to longwall mining.

## 10. REFERENCES

Centennial Coal (2008) *Centennial Coal Risk Management Standard - Management Standard 004*.

Department of Environment, Climate Change and Water (2010) *NSW Aboriginal Cultural Heritage Consultation Requirements for Proponents*.

Department of Mineral Resources (2003) *EDG17 Guideline for Applications for Subsidence Management Approvals*.

Department of Planning and Infrastructure (2012) *Draft Guidelines for the Preparation of Extraction Plans*.



# Centennial Coal

Angus Place

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