



**SUNNYSIDE COAL PROJECT
ENVIRONMENTAL
MANAGEMENT SYSTEM**

Document Owner: Operations Supt

Last Revision Date: 10/2017

Date Printed: 26/10/2017

WHC_PLN_SUN_BUSHFIRE MANAGEMENT PLAN

BUSHFIRE MANAGEMENT PLAN



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ACRONYMS USED THROUGHOUT THIS DOCUMENT

NMPL	-	Namoi Mining Pty Ltd
PA	-	Project Approval
RFS	-	Rural Fire Service



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1 INTRODUCTION

This Bushfire Management Plan has been prepared in accordance with Statement of Commitment 18.17 for the Sunnyside Coal Project (Sunnyside). Sunnyside is operated by Namoi Mining Pty Ltd (NMPL), a subsidiary company of Whitehaven Coal Limited. Mining operations at Sunnyside were suspended in late November 2012 and recommenced in late 2017. This document considers the area of land corresponding to the project site boundary for Sunnyside, referred to as the “mine site”.

As illustrated in Figure 1, Sunnyside is located approximately 15km west of Gunnedah. The project layout is shown in Figure 2.



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LEGEND

- National Park
- Nature Reserve
- State Conservation Area
- Aboriginal Area
- NSW State Forest
- Local Government Area Boundary
- Mining Lease Boundary
- Mine Site
- Mine Project

Source: Geoscience Australia (2006), NSW Department of Premier and Cabinet, Office of Environment and Heritage (2011) and Minerals NSW (2012)

WHITEHAVEN COAL
SUNNYSIDE COAL MINE
 Regional Location

Figure 1 - Regional Location



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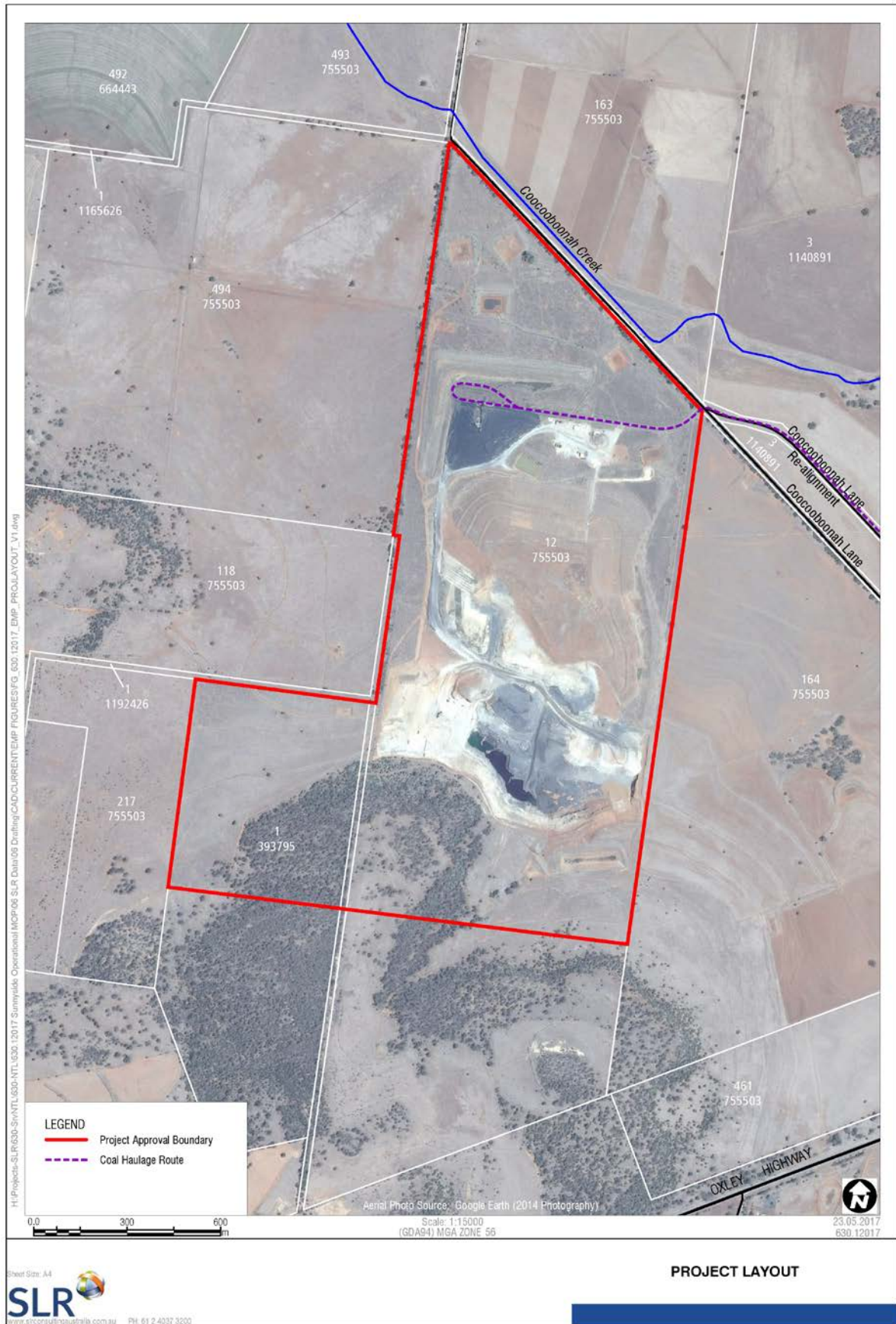


Figure 2 - Project Layout



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2 PRIOR ASSESSMENTS

Much of the mine site has been previously cleared for agricultural activities and exhibits a low bushfire hazard.

Bushfire hazard associated with the mine was assessed as part of the Environmental Assessment (EA) in 2008. The EA identified potential ignition sources at the mine and along the transport route and recommended safeguards and/or controls to limit the risk posed by these risks. The assessment concluded that the proposed controls and safeguards would ensure that a low bushfire hazard was maintained at the site.

3 POTENTIAL CAUSES OF BUSHFIRE

Potential causes of fire include:

- Fires on plant and equipment;
- Spontaneous combustion;
- Undertaking specific activities in inappropriate areas and/or without adequate controls; and
- Aspects unrelated to and out of the control of NPMP (eg. lightning strikes).

4 CONTROLS

Bushfire controls include:

- Appropriate maintenance and storage of plant and equipment;
- Undertaking operations with due consideration of weather conditions;
- Restricting vehicular access in undisturbed areas and maintaining firebreaks;
- Managing hot work processes;
- Fuel and hydrocarbon management;
- No smoking policy on site;
- Management of spontaneous combustion;
- Maintaining appropriate fire fighting equipment onsite, including water supply;
- Training; and
- External assistance and liaising with nearby landholders and tenants, including maintaining an up to date contact list for relevant Whitehaven, RFS and landholder/tenant details.

Internal documents will be prepared, where required, to address and implement such controls.



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5 REPORTING

Incident reporting shall be undertaken in accordance with Conditions 5(3) and 5(4) of PA 06_0308.

6 DOCUMENT REVIEW

This document will be reviewed in accordance with the requirements of Condition 5(5A) of PA 06_0308.