



**Addendum Bushfire Threat Assessment  
For  
Northern Lands, Minmi/Link Road  
Preferred Project Report**

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*It is believed that the implementation of the measures and recommendations forwarded within this report would contribute to the amelioration of the potential impact of any bushfire upon the subject lands assessed herein, but they do not and cannot guarantee that the area will not be affected by bushfire at some time.*

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## TERMS AND ABBREVIATIONS

APZ – Asset Protection Zone

AS2419.1 - 2005 – Australian Standard – Fire Hydrant Installations

AS3959-1999 – Australian Standard – Construction of Buildings in Bush Fire Prone Areas

BCA – Building Code of Australia

BFPA – Bush Fire Prone Area

BFPL – Bush Fire Prone Land

BFPLM – Bush Fire Prone Land Map

BFPA – Bush Fire Prone Areas

BFPB – Bush Fire Protection Measures

C&A – Coal & Allied

Conservation OR Offset Lands – Land proposed for dedication to NSW Government (as per MOU)

Development Estate – Proposed Development Lands

CRZ – Core Riparian Zone

EA – Environmental Assessment

*EPA Act – NSW Environmental Planning and Assessment Act 1979*

FMP – Fuel Management Plan

ha – hectare

IPA – Inner Protection Area

OPA – Outer Protection Area

PBP – Planning for Bushfire Protection 2006

RF Amendment Regulation – Rural Fires Amendment Regulation 2007

RPS HSO – RPS Harper Somers O'Sullivan

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**APPENDICES**

APPENDIX 1

Personnel Qualifications

## 1.0 INTRODUCTION

RPS Harper Somers O'Sullivan Pty Ltd (RPS HSO) has been commissioned by Coal & Allied (C&A) to undertake an *Addendum Bushfire Threat Assessment* (Addendum BTA) following the public exhibition process over the Minmi/Link Road development and conservation estates. The bushfire amendments and modifications herewith have been utilised in conjunction with the previously submitted BTA to inform the preparation of a final concept plan and Preferred Project Report.

These bushfire investigations have been assessed under Part 3A of the *Environmental Planning and Assessment Act 1979*. There has been due recognition and consideration of 'Planning for Bushfire Protection' (RFS, 2006), Australian Standard 3959 – Construction of Buildings in Bush Fire Prone Areas (BFPA) and the provisions of the *Environmental Planning and Assessment Amendment (Planning for Bush Fire Protection) Regulation 2007* and the *Rural Fires Amendment Regulation 2007 (RF Amendment Regulation, 2007)*. This assessment has been made based on the bushfire hazards in and adjacent to the development estate.

For the purposes of initial assessment the development estate was separated into six separate areas that total approximately 520ha within the Lake Macquarie and Newcastle LGA's. The areas are identified in Figures 3.2 to 3.7 of this report as "development estates 1 – 6" inclusive.

**Note:** This report must be read in conjunction with the Minmi/Link Road BTA submitted as a component of the Environmental Assessment. The amendments and revisions outlined herewith supersede that documented within the BTA, however any items not stipulated within this report remain current as reported in the BTA for Minmi/Link Road (RPS HSO, 2009).

## 1.1 Qualifications and Certification

### Qualifications

The principal author of this addendum report was Matthew Doherty (BLMC) of RPS Harper Somers O'Sullivan Pty Ltd, with additional input from Craig Anderson (BAppSc (EAM)) and Alexandra Picton (BEnvSc). The academic qualifications and professional experience of all RPS HSO staff involved in the project are documented in Appendix 1.

### Certification

As the principal author, I, Matthew Doherty make the following certification:

The results presented in the report are, in the opinion of the principal author and certifier, a true and accurate account of the bushfire factors considered likely to occur within the site.

Signature of Principal Author and Certifier:

A handwritten signature in blue ink, appearing to read 'M. Doherty'.

**Matthew Doherty**  
**Environmental & GIS Manager**  
**RPS Harper Somers O'Sullivan**  
**September 2009**

## 2.0 PUBLIC EXHIBITION KEY ISSUES

The public exhibition process identified several issues that required further investigation and assessment in relation to the proposal. Furthermore updates relating to the modified proposal require updated mapping to that presented in the previously submitted BTA. The abovementioned issues and updates alluded to herewith are considered in this report under the following categories:

### General

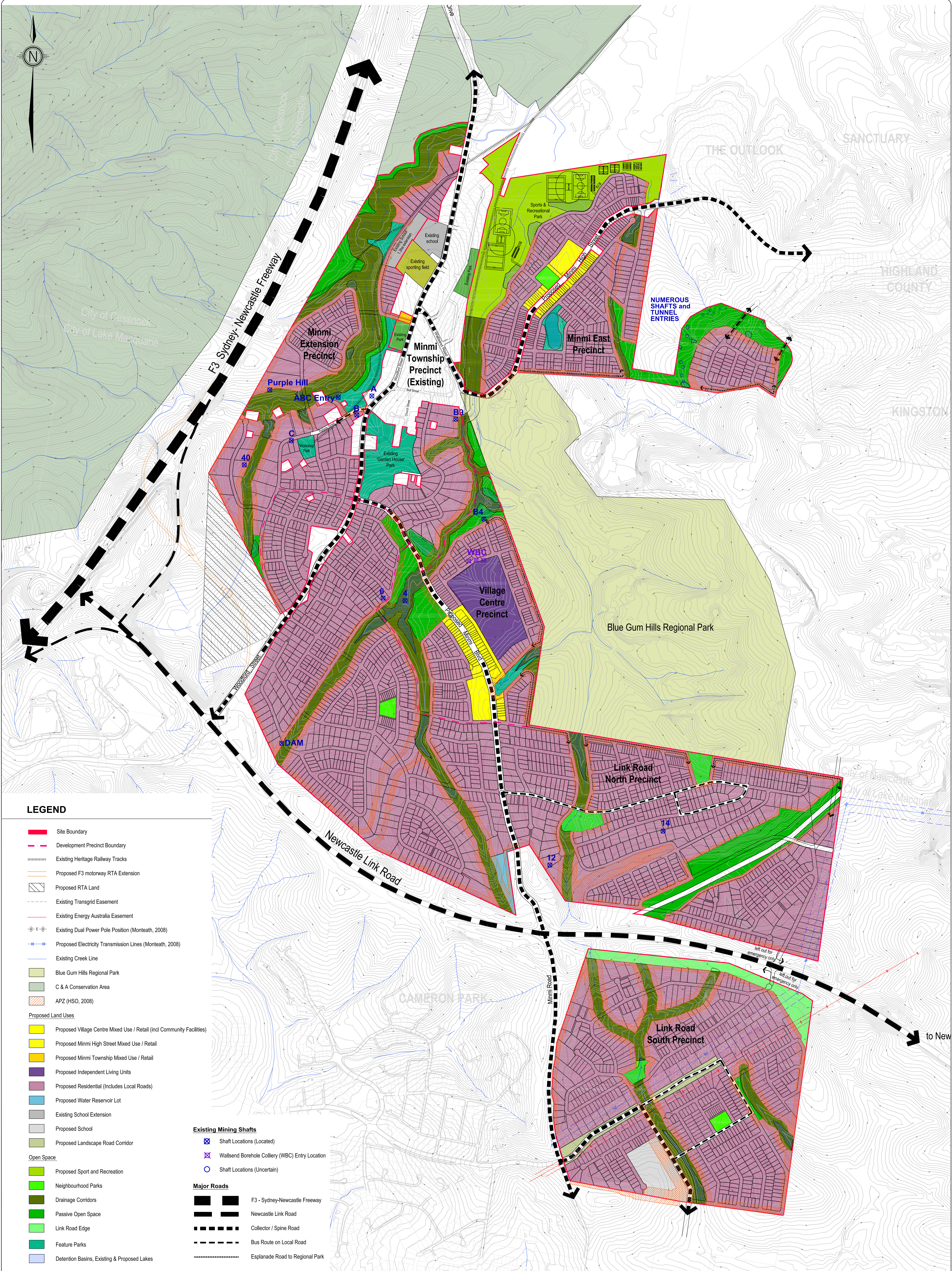
- Concept Plan Amendments
- Landownership / Management Issues


### Bushfire Amendments

- Asset Protection Zones revised to sit outside riparian corridors and public open space.
- Construction and Design amended to reflect changes in concept plan and APZ locations.

Refer to Figure 2-1: Amended Concept Plan





AMENDMENTS	Level Datum	Date	18 SEP 2009	CLIENT	COAL & ALLIED	PROJECT	PROPOSED SUBDIVISION		CONICS (BRISBANE) PTY LTD A.C.N. 010370448 A.S.N. 81591046588 743 ANN STREET PO BOX 1559 FORTITUDE VALLEY QLD 4006. TELEPHONE 07 3237 8889 FACSIMILE 07 3237 8833 email: conics@conics.com.au web: www.conics.com.au
	Origin	Surveyed							
	Comp By.	KCH/JWP/CWC							
	DWG Name.	24311-CONCEPT							
	Scale	Local Authority	Newcastle/Lake Macquarie						
1:5000@A0	Job Reference	24311	CONCEPT PLAN	Plan Reference	24311-15D	© COPYRIGHT PROTECTS THIS PLAN Unauthorised reproduction or amendment not permitted. Please contact the author.			