

14 October 2020

NSW Department of Planning, Industry and Environment
Director Resource Assessments
12 Darcy Street
Parramatta NSW 2124

Attention: Mr Stephen O'Donoghue

Dear Steve,

Re: NARRABRI UNDERGROUND MINE STAGE 3 EXTENSION PROJECT SSD (10269) – ENVIRONMENTAL IMPACT STATEMENT

The enclosed Environmental Impact Statement for the Narrabri Underground Mine Stage 3 Extension Project (the Project) has been prepared for Narrabri Coal Operations Pty Ltd (NCOPL), on behalf of the Narrabri Mine Joint Venture, which consists of Whitehaven Coal Limited's wholly owned subsidiaries Narrabri Coal Pty Ltd and Narrabri Coal Australia Pty Ltd, Upper Horn Investments (Australia) Pty Ltd, J-Power Australia Pty Limited, Posco International Narrabri Investment Pty Ltd and Kores Narrabri Pty Limited, by Resource Strategies Pty Ltd.

NCOPL believes the Environmental Impact Statement represents an accurate statement of NCOPL's development intentions and commitments in regard to environmental management and monitoring for the Project.

Yours sincerely



Mark Stevens
EGM Project Delivery

Submission of Environmental Impact Statement (EIS)

prepared under the *Environmental Planning and Assessment Act 1979* (as amended)

EIS prepared by

name: Tom MacKillop
Principal

qualifications: BE (Environmental) BSc

address: Resource Strategies Pty Ltd
Post Office Box 1842, MILTON QLD 4064

in respect of Narrabri Underground Mine Stage 3 Extension Project

development application

applicant name: Narrabri Coal Operations Pty Ltd

applicant address: 10 Kurrajong Creek Road Baan Baa NSW 2390

land to be developed: As described in Attachment 3 in the Main Report of the Environmental Impact Statement.

proposed development: The Project would include the following activities:

- continued longwall mining of the Hoskissons Coal Seam involving a southern extension including:
 - an extension of Longwalls 203 to 209 into Mining Lease Applications (MLAs) 1 and 2; and
 - an additional longwall (Longwall 210) within MLA 1.
- continued development of underground roadways within the Hoskissons Coal Seam and adjacent strata to access mining areas;
- continued use of existing underground roadways and drifts for personnel and materials access, ventilation, dewatering and other ancillary activities;
- continued production of up to 11 million tonnes per annum of run-of-mine coal (i.e. no change compared to the approved Narrabri Mine);
- continued use of the existing surface facilities (with minor upgrades and extension) and development of additional surface infrastructure associated with roadways, mine ventilation, gas management, exploration, services, water management areas and other ancillary infrastructure above the extended underground mining area;
- continued development of mine safety pre-conditioning areas;
- continued use of the existing coal reject emplacement area;
- disposal of drilling waste products within the reject emplacement area, including receipt and disposal of similar drilling waste products from off-site;
- continued transport of product coal from site by rail;
- continued use and progressive development of the sumps, pumps, pipelines, water storages and other water management infrastructure and development of additional water management infrastructure associated with the extended underground mining areas;
- continued use of the Namoi River pump station, alluvial production bore and pipeline (including potential development of a second approved pipeline);
- continued employment of up to approximately 520 full time equivalent personnel and additional contractors;
- continued monitoring, rehabilitation and remediation of subsidence effects and surface disturbance areas; and
- other associated minor infrastructure, plant, equipment and activities.

The Project is described in detail in the attached Environmental Impact Statement.

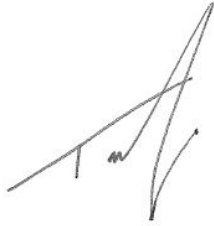
**Assessment of
environmental impact**

An Environmental Impact Statement is attached.

Declaration

I declare that the information contained in this Environmental Impact Statement, to the best of my knowledge and belief, is prepared in accordance with Schedule 2 of the *Environmental Planning and Assessment Regulation 2000*, contains all available information that is relevant to the environmental assessment, and is neither false nor misleading.

Signature:

A handwritten signature in black ink, appearing to read 'TOM MACKILLOP', written over a horizontal line.

name:

TOM MACKILLOP

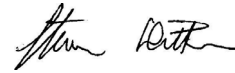
date:

13 October 2020

Key specialist studies for the Narrabri Underground Mine Stage 3 Extension Project have been prepared by the following specialist consultants.

Subsidence Assessment and Peer Review

Steven Ditton
BE (Civil) (Hons) CPEng (Civil) MIE (Aust)
MAusIMM
Ditton Geotechnical Services Pty Ltd



Professor Bruce Hebblewhite
BE (Mining) PhD Dip AICD
B K Hebblewhite Consulting

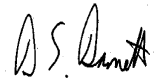


Groundwater Assessment and Peer Review

Keith Phillipson
BSc (Geography) MSc (Water Resources Systems Engineering)
Australasian Groundwater and Environmental Consultants Pty Ltd



Brian Barnett
BE (Civil) (Hons)
Jacobs Group (Australia) Pty Limited



Surface Water Assessment and Peer Review

Greg Roads
BE (Civil) (Hons) MIEAust RPEQ
WRM Water & Environment Pty Ltd



Emeritus Professor Thomas McMahon
BE (Agr) Dip Ed PhD DEng FTSE
The University of Melbourne



Biodiversity Development Assessment Report and Peer Review

Jamie Gleeson
BSc (Hons) BAAS17080
Resource Strategies Pty Ltd



Dr Colin Driscoll
BSc PhD BAAS17004
Hunter Eco



Aboriginal Cultural Heritage Assessment

Dr Matthew Whincop
BA (Classics and Archaeology) MA (Archaeology)
PhD (Archaeology)
Whincop Archaeology Pty Ltd



Historical Heritage Assessment

Jamie Reeves
BA (Hons) (Archaeology)
Niche Environment and Heritage Pty Ltd



Agricultural Impact Statement

Dr Paul Frazier
BEd MAppSc (Soils) PhD (EnvSc)
2rog Consulting Pty Ltd



Noise and Blasting Assessment

John Wassermann
BE (Mech) MEngSc MIEAust MAAS
Wilkinson Murray Pty Limited



Air Quality and Greenhouse Gas Assessment

Shane Lakmaker
BTech (Atmospheric Sciences and Meteorology)
Jacobs Group (Australia) Pty Limited



Road Transport Assessment

Penny Dalton
BE (Civil) (Hons)
The Transport Planning Partnership

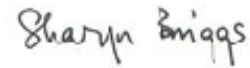


Social Impact Assessment

James Lette
Master of Social Planning and Development
(Professional) (MSPD), Bachelor of Regional and
Town Planning (BRTP),
CDM Smith



Sharyn Briggs
BA (Urban Geography and Sociology)
CDM Smith



Economic Assessment

Dr Stephen Beare
BSc MSc PhD
AnalytEcon Pty Ltd



Land Contamination Assessment

James Morrow
BE (Environmental) (Hons)
Ground Doctor Pty Ltd



**Environmental Geochemistry
Assessment**

Clayton Rumble
BSc (Geology) (Hons) MSc (Geochemistry)
Geo-Environmental Management Pty Ltd



Environmental Risk Assessment

Dr Peter Standish
BE (Mine) PhD (Mining Engineering)
Operational Risk Mentoring