
Submission of Environmental Impact Statement (EIS)

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

EIS prepared by

name: Joshua Hunt
Principal
qualifications: BE (Civil)
address: Resource Strategies Pty Ltd
Post Office Box 1842, MILTON QLD 4064

in respect of

Vickery Extension Project

development application

applicant name: Vickery Coal Pty Ltd
applicant address: Post Office Box 600, GUNNEDAH NSW 2380
land to be developed: As described in Attachment 3 in the Main Report of the Environmental Impact Statement.
proposed development: The Project includes:

- development of an open cut coal mine within Coal Lease 316, Mining Lease 1471, Mining Lease 1718, Mining Lease 1464 and Mining Lease Application 1 in Exploration Licence 7407;
- use of open cut mining equipment to extract run-of-mine (ROM) coal from the open cut at an average rate of 7.2 million tonnes per annum (Mtpa) over 25 years, with a peak production of up to approximately 10 Mtpa;
- placement of waste rock (i.e. overburden and interburden) in an emplacement to the west of the open cut (i.e. the Western Emplacement) and within the footprint of the open cut void;
- construction and operation of mine infrastructure areas, including ROM pads, workshops, offices, a Project Coal Handling and Preparation Plant (CHPP) and train load-out facility;
- construction and operation of a Project rail spur and loop (including associated watercourse, powerline and road crossings) to connect the Project to the Werris Creek Mungindi Railway;
- on-site excavation and production of waste rock and gravel construction fill materials for use in Project rail spur, mine infrastructure area and road construction;
- receipt of ROM coal transported by road from other Whitehaven mines and processing of this coal at the Project CHPP and/or stockpiling;
- processing of up to 13 Mtpa ROM coal at the Project CHPP (from the combined sources of the Project and other Whitehaven mines);
- rail transport of up to approximately 11.5 Mtpa of metallurgical and thermal coal for the export market (from the combined sources of the Project and other Whitehaven mines);
- mechanical dewatering and co-disposal of coal reject material from the Project CHPP in the Project waste rock emplacement;
- construction of 66 kV/11 kV electricity substations and connection to an existing 66 kV powerline to supply mine infrastructure areas;
- construction and operation of ancillary infrastructure in support of mining, including haul roads, electricity supply, consumable storage areas, explosives storage facilities, light vehicle roads and access tracks;
- construction and use of water supply bores, and a surface water extraction point on the bank of the Namoi River and associated pump and pipeline systems;
- construction and use of dams, sediment dams, up catchment diversions, channels, dewatering bores and other water management infrastructure;
- construction and use of soil stockpile areas, laydown areas and gravel/borrow areas;
- development of the Blue Vale Road realignment to the east of the open cut;
- closure of a portion of Braymont Road and Shannon Harbour Road;
- ongoing exploration activities; and
- other associated minor infrastructure, plant and activities.

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

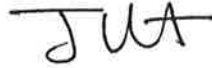
**Assessment of
environmental impact**

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:



name:

JOSHUA HUNT

date:

12 SEPTEMBER 2018

Key specialist studies for the Vickery Extension Project have been prepared by the following consultants.

Groundwater Assessment and Peer Review

Dr Noel Merrick
BSc MSc GradDip (DataProc) PhD
HydroSimulations

Dr Frans Kalf
BSc MappSc PhD
Kalf and Associates Pty Ltd

Surface Water Assessment and Peer Review

Ms Alison Tourle
BE (Civil) (Hons), MEngSci, GradDipMgmt
Advisian Pty Ltd

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

Flood Assessment and Peer Review

Mr Greg Roads
BE (Civil) (Hons) MIEAust RPEQ
WRM Water and Environment

Mr Rohan Hudson
BE (Env) MEngSc
Haskoning Australia

Noise and Blasting Assessment and Peer Review

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

Mr Glenn Thomas
BSc, CSA (Cert)
SLR Consulting Australia Pty Ltd

Air Quality and Greenhouse Gas Assessment and Peer Review

Mr Ronan Kellaghan
BSc Hdip MSc
Ramboll Australia Pty Ltd

Mr Aleks Todoroski
BE (Mechanical)
Todoroski Air Sciences

Biodiversity Assessment Report and Biodiversity Offset Strategy and Peer Review

Mr James Gleeson
BSc (Hons)
Resource Strategies

Dr Colin Driscoll
BSc PhD
Hunter Eco

Economic Assessment and Peer Review

Dr Stephen Beare
BS MS PhD
AnalytEcon

Dr Brian Fisher
BScAgr (Hons) PhD DScAgr
BAEconomics Pty Ltd

Social Impact Assessment

Ms Dee Elliott
BA MSocPol
Elliott Whiteing Pty Ltd

Historic Heritage Assessment

Dr Andrew Sneddon
BA (Hons) LLB (Hons) PhD
Extent Heritage Pty Ltd

