

22 January 2021

Matthew Sprott
Director Resource Assessments
Department of Planning, Industry & Environment
12 Darcy Street
Parramatta NSW 2124

Dear Matthew,

RE: MOUNT PLEASANT OPTIMISATION PROJECT (SSD – 10418) – ENVIRONMENTAL IMPACT STATEMENT

The enclosed Environmental Impact Statement for the Mount Pleasant Optimisation Project (the Project) has been prepared for MACH Energy Australia Pty Ltd (MACH), on behalf of the Mount Pleasant Joint Venture¹, by Resources Strategies Pty Ltd.

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

Yours sincerely,



Chris Lauritzen
General Manager - Resources Development
Mount Pleasant Operation

¹ The Mount Pleasant Joint Venture consists of MACH Energy Australia Pty Ltd and J.C.D. Australia Pty Ltd.

Submission of Environmental Impact Statement (EIS)

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

EIS prepared by

name: Joanna Hinks
Principal
qualifications: BE (Environmental) MSc
address: Resource Strategies Pty Ltd
Post Office Box 1842, MILTON QLD 4064
in respect of Mount Pleasant Optimisation Project

development application

applicant name: MACH Energy Australia Pty Ltd
applicant address: Suite 1, Level 3, 426 King Street, Newcastle West, NSW, 2302
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 development:

- increased open cut extraction within Mount Pleasant Operation mining leases by mining of additional coal reserves, including lower coal seams in North Pit;
- a staged increase in extraction, handling and processing of run-of-mine (ROM) coal up to 21 million tonnes per annum (Mtpa) (i.e. progressive increase in ROM coal mining rate from 10.5 Mtpa over the Project life);
- staged upgrades to the existing Coal Handling and Preparation Plant and coal handling infrastructure to facilitate the handling and processing of additional coal;
- rail transport of up to approximately 17 Mtpa of product coal to domestic and export customers;
- upgrades to workshops, electricity distribution and other ancillary infrastructure;
- existing infrastructure relocations to facilitate mining extensions (e.g. local roads, powerlines and water pipelines);
- construction and operation of new water management and water storage infrastructure in support of the mine;
- additional reject dewatering facilities to allow co-disposal of fine rejects with waste rock as part of ROM waste rock operations;
- development of an integrated waste rock emplacement landform that incorporates geomorphic drainage design principles for hydrological stability, and varying topographic relief to be more natural in exterior appearance;
- construction and operation of new ancillary infrastructure in support of mining;
- extension to the time limit on mining operations to 22 December 2048;
- an average operational workforce of approximately 600 people, with a peak of approximately 830 people;
- ongoing exploration activities; and
- other associated infrastructure, plant, equipment and activities

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

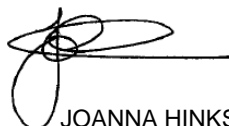
Assessment of environmental impact

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:



name: JOANNA HINKS

date: 22 January 2021

Key specialist studies for the Mount Pleasant Optimisation Project have been prepared by the following specialist consultants.

**Noise and Blasting Assessment
And Peer Review**

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



Glenn Thomas
BSc GIA (Affiliated)
SLR Consulting Australia Pty Ltd



**Air Quality Assessment and Peer
Review
Greenhouse Gas Calculations
and Peer Review**

Aleks Todoroski
BE (Mechanical)
Todoroski Air Sciences



Simon Welchman
BE (Environmental) (Hons)
Katestone Environmental Pty Ltd

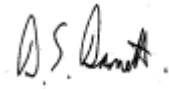


**Groundwater Assessment
and Peer Review**

Andrew Durick
BE (Environmental) (Hons) MASc
Australasian Groundwater and Environmental Consultants Pty Ltd



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



Surface Water Assessment

Camilla West
BSc (Environmental) (Hons) PhD
Hydro Engineering and Consulting Pty Ltd



Human Health Risk Assessment

Jackie Wright
BE (Hons) PhD ACTRA (Fellow)
Environmental Risk Sciences Pty Ltd



**Biodiversity Development
Assessment Report**

Colin Driscoll
BSc PhD BAAS17004
Hunter Eco



Social Impact Assessment

Rachel Maas
BEnvSc PGDipSIA MEvaluation CEnvP (IA Specialist) EIANZ
Just Add Lime



Economic Assessment

Stephen Beare
BSc MSc PhD
AnalytEcon



**Landscape and Visual Impact
Assessment**

Annette Allen
BLandscape Architecture (Hons)
Van Pelt Allen Visual Planning and Assessment



**Conceptual Final Landform
Design and Analysis**

Christopher Waygood
BE (Civil) BSc
Golder Associates Pty Ltd



Gregory Hancock
BSc (Hons), PhD
University of Newcastle

