

MANGOOLA OPEN CUT

GLENCORE

4 May 2021

Planning Secretary
Department of Planning, Industry and Environment

Via: Major Projects Planning Portal

Dear Sir/Madam,

Re: Endorsement request of suitably qualified and experienced persons for Noise Management Plan (NMP) preparation – SSD 8642

On 26 April 2021 the Independent Planning Commission (IPC) approved the Mangoola Coal Continued Operations (MCCO) Project under Part 4 of the *Environmental Planning and Assessment Act 1979* and issued Development Consent for State Significant Development (SSD) 8642. Condition B8(a) of SSD 8642 states:

B8. The Applicant must prepare a Noise Management Plan for the development to the satisfaction of the Planning Secretary. The plan must:

(a) be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary;

Mangoola Coal Operations Pty Limited (Mangoola) are hereby seeking endorsement from the Planning Secretary of Ms Katie Teyhan, Associate Acoustic Consultant at EMM Consulting Pty Limited, as a '*suitably qualified and experienced persons*' to prepare the NMP for SSD 8642.

I would also ask this endorsement extends to future reviews of the NMP where input from suitably qualified/experienced person/s is required. I also seek confirmation that minor reviews (e.g. of an administrative nature and general updates that do not impact agreed management strategies) may be completed without the assistance of the endorsed persons.

Ms Teyhan has over 18 years' experience in acoustical consulting specialising in the measurement, prediction and assessment of noise associated with mining and other extractive industry.

Ms Teyhan's relevant experience includes, but is not limited to, noise assessment and monitoring since 2015 for Mangoola Coal including targeted low frequency noise investigation, previous updates to the Mangoola Coal Noise Management Plan and management of the noise compliance monitoring program incorporating monthly noise surveys.

Ms Teyhan has also received previous endorsement from the Department of Planning, Industry and Environment (DPIE) for specialist noise studies including preparation of Noise Compliance Assessment Report for Mannering Colliery and train noise investigation for Tahmoor Colliery.

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Ms Teyhan's curriculum vitae is provided in **Attachment 1** for your consideration.

I would appreciate a response at your earliest convenience to enable the preparation of the NMP.

Please feel free to contact me at any stage if you would like any further information in relation to the content of this correspondence.

I look forward to your response.

Regards,



Nathan Lane
Environment and Community Manager
Mangoola Coal – A Glencore managed company
Tel: +61 2 6549 5503
Mob: +61 400 794 425
Fax: +61 2 6549 5655
E: nathan.lane@glencore.com.au

Attachment 1: Curriculum Vitae – Ms Katie Teyhan (EMM Consulting Pty Limited)

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ATTACHMENT 1

Curriculum Vitae – Ms Katie Teyhan (EMM Consulting Pty Limited)

Katie Teyhan

Associate Acoustic Consultant

Curriculum vitae

Katie is EMM's Acoustics Team Leader for the Newcastle office. She has over 18 years' consulting experience in environmental acoustics for mining, industry, road and railway transportation systems. She is a practitioner in the measurement, prediction and assessment of noise and vibration associated with developments, as well as land use planning near development sites.

Katie has conducted peer reviews, audits and preparation of expert evidence in relation to noise and vibration assessment, methodology and compliance. She has developed and delivered external acoustics and vibration training services and provides technical training and mentoring to EMM staff.

Katie has also been a lecturer at the University of Newcastle in the faculty of Engineering and the Built Environment.

Qualifications

- Bachelor of Engineering (Mech.) (Hons I), University of Newcastle, 2002
- Bachelor of Mathematics, University of Newcastle, 2001
- Advanced Diploma of Management, University of Ballarat, 2013
- Cert IV Training and Assessment, Forsythes Training, 2020

Professional Memberships

- Member of Engineers Australia (MIEAust), since 2008
- Member Australian Acoustical Society (MAAS), since 2008
- Member representative, Association of Australasian Acoustical Consultants

Career

- EMM Consulting, 2015–present
- Associate Consultant – Acoustics and vibration, SLR, 2002–2015

Representative experience

Mining and quarries

- Mangoola, noise assessment and monitoring since 2015 including targeted low frequency noise investigations, ongoing acoustical advice and development of noise prediction tool; Hunter Valley NSW (Glencore)
- Tahmoor Colliery, noise impact assessment for Tahmoor South Project (Simec)
- Wongawilli Colliery, noise impact assessment for Modification 2 (Wollongong Coal)
- Centennial Coal, noise and vibration impact assessments and compliance monitoring activities, Northern and Western regions NSW

Land use planning

- Sovereign Hills Project, monitoring, modelling and assessment of road traffic noise impacts, Sovereign Hills NSW (Sovereign Hills Projects)
- Sancrox Employment Precinct, acoustical planning, Port Macquarie NSW (King & Campbell)

Agricultural

- Bourke Small Stock Abattoir, noise impact assessment to accompany development application, Bourke NSW (Saran Engineers & Managers)

Commercial/industrial

- Waste Recycling Facility, operational noise impact assessment to accompany modifications and EIS, Kurri Kurri NSW (Central Waste Services)
- Kooragang and Carrington Terminals, ongoing noise assessment and management, Newcastle NSW (Port Waratah Coal Services)
- Greta Train Support Facility, operational noise and vibration review, Hunter Valley NSW (Pacific National)
- Benedict Recycling Facility, noise impact assessment to support the development application and ongoing noise compliance monitoring in accordance with the environment protection licence, Mayfield NSW (Benedict Industries)

Transport

- M4-M5 Link – part of the WestConnex project, tunnelling construction noise and vibration impact statement, LSBJV
- Rail noise impact assessment prepared for the Berrima Rail Project which is proposed for development alongside the Hume Coal Project, Southern Highlands NSW (Hume Coal)

Independent audits and peer review

- Bulga Coal independent environmental audit – noise specialist
- Mt Owen Continued Operations project noise impact assessment peer review

Training services

- Preparation and delivery of noise training material (general acoustic theory, noise measurement and assessment, managing and mitigating noise) to a variety of government and industry groups: Parkes Shire Council, EPA Tasmania, Queensland Urban Utilities, Boral, AGL and various mining companies
- Lecturer at the University of Newcastle in the faculty of Engineering and Built Environment, 2003 and 2004

KATIE TEYHAN

Associate Acoustic Consultant

T 02 4907 4800

D 02 4907 4805

M 0447 715 900

E kteyhan@emmconsulting.com.au

Level 3, 175 Scott Street

Newcastle NSW 2300