

OCEANAGOLD (NEW ZEALAND)
LIMITED

MACRAES PHASE FOUR (MP4)

LIGHTING

Evidence of John Mckensey Regarding
Technical Assessment of Lighting
Effects and Proposed Conditions

INTRODUCTION

1. My name is John Mckensey
2. My role in relation to Macraes Phase 4 (“**MP4**”) has been to provide expert advice in relation to Lighting. I wrote the Assessment of Environmental Effects – Lighting (“**the Report**”) which is provided within *Part B – Technical Reports* of the application.
3. This evidence has been prepared to accompany the Report and the application by Oceana Gold (New Zealand) Limited (“**OGNZL**”) for approvals required for MP4 under the Fast-track Approvals Act 2024 (“**FTAA**”).
4. Section 4.1(h) of the FTAA Panel Conveners’ Practice and Procedure note (July 2025) says all technical experts authoring reports should include a statement regarding compliance with the Code of Conduct for Expert Witnesses. This evidence has been prepared to fulfil this requirement, and if a hearing is not held, this evidence confirms that, relative to my area of expertise the Report provides an appropriate description of the relevant environment, the proposed activities comprising the effects of the MP4 on that environment, and the way those effects are proposed to be managed.
5. My findings are set out in full in the Assessment of Environmental Effects – Lighting included within *Part B – Technical Reports* of the application.
6. While this application is not being considered by the Environment Court, I confirm that I have read the Code of Conduct for expert witnesses contained in the Environment Court of New Zealand Practice Note 2023 and that I have complied with it when preparing the Report. Other than when I state I am relying on the advice of another person, the Report is within my area of expertise. I have not omitted to consider material facts known to me that might alter or detract from the opinions that I express.

QUALIFICATIONS AND EXPERIENCE

7. I hold a Bachelor of Engineering (Electrical), am a Member of the Illuminating Engineering Society of Australia and New Zealand Inc. (MIES) and hold several relevant affiliations including CMEngNZ, MIEAust, CPEng(Aust), NER, APEC Engineer, IntPE(Aust). I am a member of the Resource Management Law Society of NZ Inc and the International Dark-Sky Association.
8. I have received 19 awards for lighting design from the Illuminating Engineering Society and other learned bodies, including 3 International awards and 3 lighting design awards

from the Royal Astronomical Society of New Zealand (for “efficient, effective and sustainable lighting design – protecting the night environment”).

9. I am currently employed as Executive Engineer at LDP Limited and have held that position since 2013.
10. My previous work experience includes providing advice regarding lighting effects for numerous resource consent applications including;
 - Maramarua Coal Mine, Maramarua
 - Rotowaro Coal Mine, Huntley
 - AC36 Americas Cup, Auckland
 - Hydroelectric Drainage Canal, Tekapo
 - Junction Road Power Plant, Taranaki
 - Mt Munro Wind Farm, Wairarapa
 - Amberfield Subdivision, Hamilton
 - Titanium Park Industrial Expansion, Waipa
11. In providing this evidence, I have considered the following matters as relevant to that topic:
 - (a) The project description provided by OGNZL as set out in Section 6 of the Substantive Application prepared by Mitchell Daysh Limited;
 - (b) The description of the existing environment as set out in Section 4 of the Substantive Application, the effects of MP4 on that environment and their significance, and the proposals to manage those effects as all set out in the assessment of effects in Section 9 of the Substantive Application; and
 - (c) Technical assessments including:
 - Landscape and Natural Character Effects Assessment - Boffa Miskell
 - Ecological Impact Assessment for Terrestrial and Wetland Ecology Values - Bioresearches

CONFIRMATION OF CONTENTS OF REPORT AND PROPOSED CONDITIONS

12. I confirm that in my opinion the Report contains an accurate and appropriate description of the environment, the actual and potential effects of MP4, and the recommended actions to manage those effects within my area of expertise.

13. I confirm that in my opinion the contents of the Report may be relied on in making a decision on the approvals sought for MP4, and confirm that provided effects within my area of expertise are managed as proposed in the application those effects will not be unacceptable and will be managed to a standard that I consider meets good practice.
14. I confirm that I have reviewed the conditions that OGNZL proposes for the various approvals being sought as they relate to my area of expertise. I confirm that in my opinion those proposed conditions are appropriate.



John Mckensey

Dated this 2nd day of September 2026