

Drayton South Project

Noise and Blast Vibration

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ARUP

Summary

- The noise and blast vibration assessments are incomplete. There is insufficient information to accurately assess the impact of the project to the surrounding community.
- The EIS demonstrates that the noise limits prescribed by the regulatory Industrial Noise Policy will be exceeded.
- There is no evidence to suggest that noise and blast vibration modelling has been validated for local conditions.
- The noise source data and plots are incomplete and there is inadequate information to support the findings.
- The EIS does not provide the confidence or transparency expected when assessed against “best practice” methodologies and procedures.
- DPE Report and proposed Development Consent 2016 do not assess the impact of blasting to humans or horses.

Summary

- I have reviewed the noise assessment prepared by Bridges Acoustics to assess its utility to a consent authority like this PAC.
- The proposed blast vibration limits have been historically prescribed to address the impact to buildings not horses or humans.
- Further, I accept the findings detailed within PAC Report 2015.

Department of Planning and Environment (DPE) Report and Development Consent 2016

- The DPE report states that blasting emissions must comply with regulatory frameworks
- Blasting limits specified in Development Consent 2016 have not changed since draft Development Consent in 2015
- There remains a high risk that blasting will significantly impact the operations at Coolmore and Darley

Bridges Acoustics EIS Submission

Operational Noise Assessment

- Bridges Acoustics have prepared the EIS submission for the proposed project.
- Bridges Acoustics have undertaken noise modelling using ENM software. The developer of ENM no longer supports or maintains the software.
- ENM has not been commercially available for over a decade.

Summary

- The noise and blast vibration assessments are incomplete. There is insufficient information to accurately assess the impact of the project.
- The EIS does not provide the confidence or transparency expected when assessed against “best practice” methodologies and procedures.
- DPE Report and proposed Development Consent 2016 do not acknowledge the blasting impacts to humans or horses.
- The proposed blasting limits are inadequate to address the impact to humans or horses.