

APPENDIX 8

NOISE MANAGEMENT PLAN

Lot 1503 Harris Road, Myalup
Shire of Harvey

Prepared For: Gotam Pty Ltd

Prepared By: Jack Ghasseb

Date: June 2026

Table of Contents

1.0 INTRODUCTION.....	3
2.0 SITE & BACKGROUND.....	3
2.1 LOCALITY & OWNERSHIP.....	3
2.2 LAND USE.....	3
3.0 PROPOSED WORKS AND POTENTIAL IMPACTS.....	4
3.1 PLANT & EQUIPMENT.....	4
3.2 SENSITIVE RECEPTORS.....	5
3.3 NOISE ASSESSMENT.....	5
4.0 NOISE MANAGEMENT.....	5
3.3 MONITORING.....	5
4.0 REFERENCES.....	6

1.0 INTRODUCTION

This Noise Management Plan (NMP) has been prepared for the proposed extractive industry operations at Lot 1503 Harris Road, Myalup, within the Shire of Harvey.

The purpose of this plan is to identify potential noise sources associated with quarry operations, assess potential impacts on surrounding land uses and establish management measures to ensure operational noise remains within acceptable limits throughout the life of the project.

Noise generated by extraction, processing, stockpiling, vehicle movements and rehabilitation activities will be managed in accordance with applicable environmental legislation, regulatory requirements and industry best-practice principles.

This plan should be read in conjunction with the Environmental Management Plan prepared for the proposed extractive industry operation.

2.0 SITE & BACKGROUND

2.1 LOCALITY & OWNERSHIP

- **Location:** Lot 1503 on Deposited Plan 112302, Harris Road, Myalup, Shire of Harvey
- **Area:** 40.521 ha
- **Owner:** Gabi Ghasseb

The lot adjoins Lake Preston, about 2.5 km west of Forrest Highway and 9 km north of the Myalup town site.

2.2 LAND USE

Land use. The lot is used for light grazing & is largely pasture, with about 13 hectares of native vegetation along its western edge; the extraction area itself has been cleared previously in 2015. Adjoining land is rural-zoned and used mainly for limestone quarrying and farming.

3.0 PROPOSED WORKS AND POTENTIAL IMPACTS

The proposal involves the extraction of sand and limestone from an area of approximately 7.2 hectares using conventional quarrying equipment including bulldozers and front-end loaders.

The operation is expected to produce approximately 87,000 cubic meters of material annually, subject to market demand. Progressive rehabilitation of completed extraction areas will be undertaken throughout the life of the project.

Table 1: Summary of Noise Generating Activities

Activity	Duration	Equipment	Potential Noise Impact
Stripping and stockpiling of topsoil, ripping and movement of sand and limestone	Approximately 3 weeks annually	D9 Bulldozer, CAT 980 Front-End Loader	Temporary operational noise associated with earthmoving activities
Crushing, screening and stockpiling of material	Approximately 6 weeks annually	Mobile Jaw Crusher, Finlay 693 Screen, Striker 25m Stacker	Intermittent processing noise
Loading of trucks from stockpiles	Ongoing throughout operations	Front-End Loader, Rigid Trucks, Semi-Trailers	Vehicle and loading noise
Rehabilitation of completed stages	Approximately 2 weeks annually	D9 Bulldozer, CAT 980 Front-End Loader	Short-term rehabilitation noise

3.1 PLANT & EQUIPMENT

Equipment proposed to operate on site includes:

- D9 Bulldozer
- Caterpillar 980 Front-End Loader
- Mobile Jaw Crusher
- Finlay 693 Screen
- Striker 25m Stacker
- Generator Set
- Standard Rigid Trucks
- Semi-Trailer Combinations

Estimated sound pressure levels for equipment are consistent with those typically associated with quarry operations of a similar scale.

3.2 SENSITIVE RECEPTORS

A review of surrounding land uses identified limited potential for impacts on nearby receptors due to separation distances and the existing nature of the locality.

The nearest dwelling is located approximately 1,334 meters from the extraction area. Given the separation distance, existing land use (temporary worker residence for an existing limestone operation much larger than the one being proposed on lot 1503) and proposed mitigation measures, the potential for significant noise impacts is considered low.

3.3 NOISE ASSESSMENT

The scale of the operation, separation distances to neighboring properties and implementation of mitigation measures indicate that operational noise can be effectively managed to minimize impacts on surrounding land uses.

4.0 NOISE MANAGEMENT

To minimize operational noise and maintain compliance with applicable requirements, the following management measures will be implemented:

- Topsoil bunds will be established around active extraction areas where practical to provide acoustic shielding.
- Material stockpiles will be strategically located to assist in attenuating noise generated by processing activities.
- Processing and loading areas will be positioned to maximize the benefit of natural landform and stockpile screening.
- Plant and equipment will be maintained in accordance with manufacturer specifications.
- Equipment operators will minimize unnecessary engine idling and avoid excessive noise generation wherever practical.
- Crushing, screening and dozing activities will be restricted to approved operating hours.
- Site personnel and contractors will be made aware of noise management requirements.
- A complaints register will be maintained and any noise-related complaints will be investigated promptly.
- Contact details for the Site Manager will be displayed at the site entrance to facilitate communication with neighboring landowners and stakeholders.

3.3 MONITORING

Noise management measures will be reviewed periodically to ensure their effectiveness. Should complaints be received or operational circumstances change, additional management measures will be implemented where required.

Records of complaints, investigations and corrective actions will be maintained as part of the site's environmental management system.

4.0 REFERENCES

Lundstrom Environmental Consultants Pty Ltd (2015). *Extractive Industries Licence Application and Environmental Management Plan, Lot 1503 Harris Road, Myalup*. Prepared for Omaha Nominees Pty Ltd. Perth, Western Australia.

Environmental Protection (Noise) Regulations 1997.

Environmental Protection Act 1986.

Relevant Environmental Protection Authority guidance documents relating to environmental noise assessment and management.

Applicable planning and environmental approvals relating to the operation.