MARTINUS RAIL INLAND

# BOMEN YARD – CONSTRUCTION NOISE AND VIBRATION IMPACT STATEMENT ADDENDUM

## A2I I Albury to Illabo

CONTRACT NUMBER: 0052

PROJECT DOCUMENT NUMBER:

6-0052-210-EEC-W9-AS-0001_ADD

## Document Control

| | | | | |
|---|---|---|---|---|
| **DOCUMENT TITLE:** | Bomen Yard – Construction Noise and Vibration Impact Statement Addendum | | | |
| **DOCUMENT OWNER:** | Chris Standing – Environment, Approvals and Sustainability Manager (A2P) | | | |
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| **SIGNATURE:** |  | | **DATE:** | 26/03/2026 |

## Approved by

| NAME | TITLE | SIGNATURE | DATE |
|---|---|---|---|
| Chris Standing | Environment, Approvals and Sustainability Manager (A2P) |  | 26/03/2026 |

## Revision History

| REVISION | REVISION DATE | AMENDMENT | DATE TO CLIENT |
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| A | 08/08/2025 | For review and approval | 08/08/2025 |
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# GLOSSARY

Specific terms and acronyms used throughout this plan are listed and described in Table 1 below.

**TABLE 1: DEFINITIONS**

| TERM | DEFINITION |
|---|---|
| A2I | Albury to Illabo section of the Inland Rail project |
| Bomen Yard | Bomen Yard clearances enhancement site |
| CA | Consistency Assessment |
| CNVIS | Construction Noise and Vibration Impact Statement |
| km | Kilometres |
| m | Metres |
| NML | Noise Management Level |
| OOH | Out-of-hours |
| Project | Albury to Illabo project approved under section 5.19 of the EP&A Act on 8 October 2024 |
| RBL | Rating Background Level |
| SLR Predict | SLR Predict - A2I noise and vibration management tool |
| W.001 | Work Scenario 1 |
| W.002 | Work Scenario 2 |

# 1 INTRODUCTION

## 1.1 Inland Rail

Inland Rail is an approximate 1,600 kilometres (km) freight rail network that will connect Beveridge and Kagaru via regional Victoria, New South Wales and Queensland. The Inland Rail route would involve using approximately 1,000 km of existing track (with enhancements and upgrades where necessary) and 600 km of new track, passing through 30 local government areas. Inland Rail will accommodate double-stacked freight trains up to 1,800 metres (m) long and 6.5 m high.

The Albury to Illabo (A2I) section (the Project) forms a key component of the Inland Rail program. It is a 185 km section of existing rail corridor located in regional NSW between the towns of Albury and Illabo. Works would include track realignment, lowering and/or modification within the existing rail corridor, modification, removal or replacement of bridge structures (rail, road and/or pedestrian bridges), raising or replacing signal gantries, level-crossing modifications and other associated works.

| Precinct | Enhancement sites |
|---|---|
| Albury Precinct | Murray River bridge |
| | Albury Station pedestrian bridge |
| | Albury Yard clearances |
| | Riverina Highway bridge |
| | Billy Hughes bridge |
| | Table Top Yard clearances |
| Greater Hume-Lockhart | Culcairn pedestrian bridge |
| | Culcairn Yard clearances |
| | Henty Yard clearances |
| | Yerong Creek Yard clearances |
| | The Rock Yard clearances |
| Wagga Wagga | Uranquinty Yard clearances |
| | Pearson Street bridge |
| | Cassidy Parade pedestrian bridge |
| | Edmonson Street bridge |
| | Wagga Wagga Station pedestrian bridge |
| | Wagga Wagga Yard clearances |
| | Bomen Yard clearances |
| Junee | Harefield Yard clearances |
| | Kemp Street bridge |
| | Junee Station pedestrian bridge |
| | Junee Yard clearances |
| | Olympic Highway underbridge |
| | Junee to Illabo clearances |


**FIGURE 1-1: PROJECT ENHANCEMENT SITES**

## 1.2 Purpose of Noise Assessment

This Noise Assessment has been prepared to identify and assess the additional work areas required to support and enable the wider scope of activities associated with the Bomen Yard clearances enhancement site (Bomen Yard), as shown in Figure 1-2 and 1-3 below. This Noise Report will form an addendum to the endorsed Construction Noise and Vibration Impact Statement (CNVIS) (Doc No: 6-0052-210-EEC-W9-AS-0001_0) for Bomen Yard. This Noise Assessment should be reviewed in conjunction with CNVIS (Doc No: 6-0052-210-EEC-W9-AS-0001) including adopted RBL, NML and assessment criteria in accordance with the Conditions of Approval (SSI-10055).

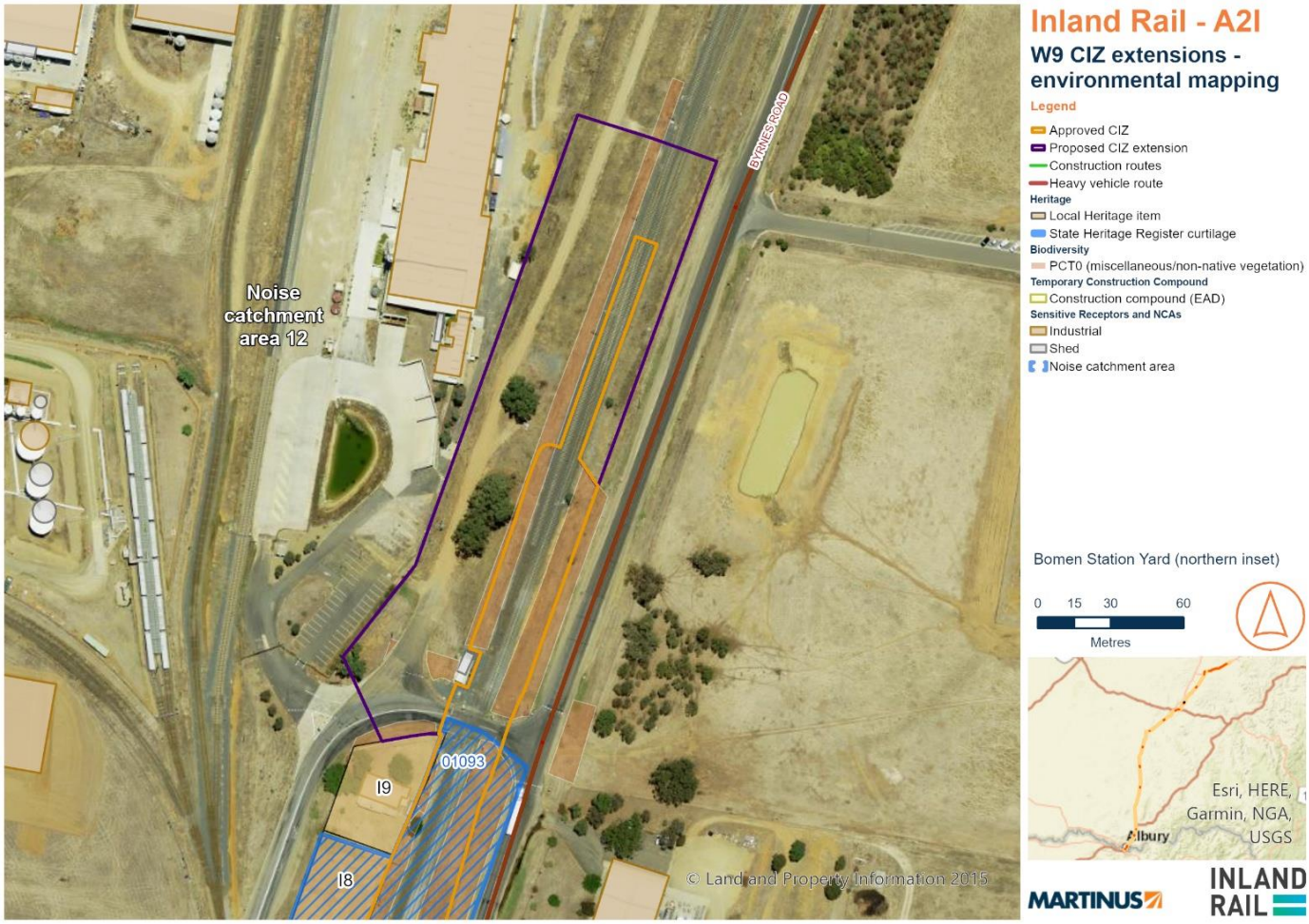



**FIGURE 1-2: PROPOSED CHANGE CIZ EXTENSION - NORTH**

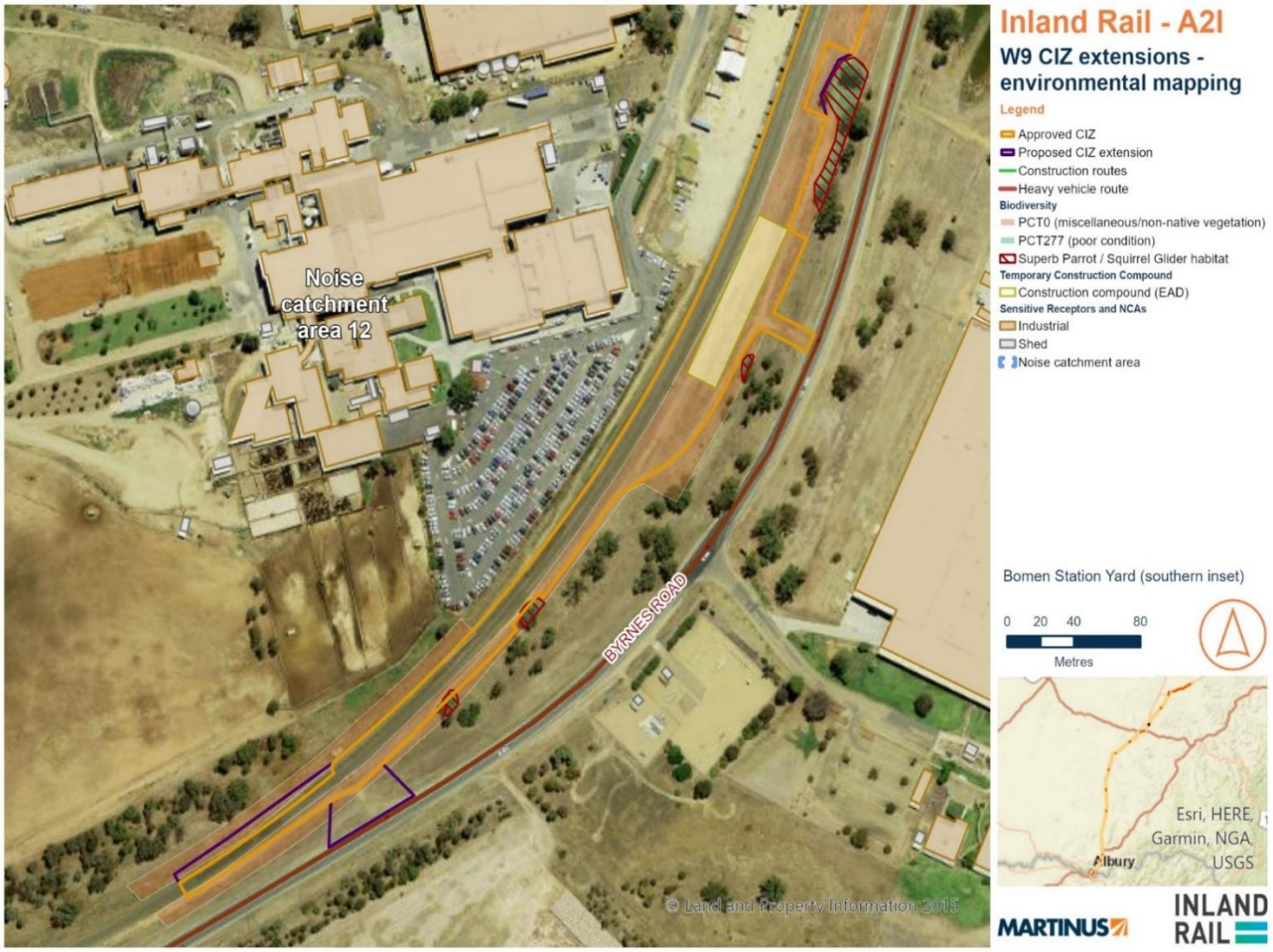



**FIGURE 1-3: PROPOSED CHANGE CIZ EXTENSION - SOUTH**

# 2 NOISE ASSESSMENT

## 2.1 Site establishment activities

### 2.1.1 Scope

The additional work areas required for Bomen Yard (Figure 1-2 and Figure 1-3) forms part of the wider scope associated at the Bomen Yard clearances enhancement site and will enable site establishment and operational activities.

The endorsed Bomen Yard CNVIS has assessed site establishment activities under work scenario 1 (W.001), and included the following:

**Methodology**

- Site compound delivery and set up
- Haul road and laydown construction

**Plant and equipment**

- Articulated Dump Truck
- Crane - Mobile
- Elevated Work Platform
- Excavator - Slasher
- Excavator – Tracked (20 tonne)
- Front End Loader
- Generator
- Grader
- Hand Tools (electric)
- Light Vehicles
- Roller - Static
- Tractor - Slasher
- Truck – Medium Rigid (20-tonne)
- Truck and Dogs
- Water Cart

**Construction hours**

- Standard approved Hours:
  - 7am to 6pm Monday to Friday, inclusive
  - 7am to 6pm Saturday
- Day Out-of-Hours (OOH):
  - 8am to 6pm Sunday and public holidays

### 2.1.2 Assessment

Additional work areas, as per the Bomen Yard Consistency Assessment (CA) (Doc No: 6-0052-210-EAP-W9-AS-0001_B), for the Bomen Yard CNVIS has been identified, and assessed as per methodology, and plant and equipment noted in Section 2.1.1 above. The SLR Predict has been utilised to assess the additional work areas. The highest generating items of plant and equipment in this work scenario (Front End Loader and Articulated Dump Truck) have been considered as a worst-case scenario with 100% utilisation within a 15-minute assessment period.

### 2.1.3 Results

The SLR Predict results are presented under Appendix A, for approved hours and day OOH.

Residential receivers

No residential receivers are identified with potential for a NML exceedance and therefore no noise impacts are anticipated.

Non-residential receivers

'Clearly audible' impacts are predicted at three non-residential receivers during daytime periods.

'Clearly audible' impacts are predicted at one non-residential receivers during daytime OOHW periods. 'Noticeable' impacts are predicted at two non-residential receiver during daytime OOHW periods.

It is noted that non-residential receivers should only be considered impacted 'when in use'.

## 2.2 Site operational activities

### 2.2.1 Scope

The Bomen Yard CNVIS has assessed site compound operation under work scenario 2 (W.002), and included the following:

**Methodology**

- Operation of site compound
- Delivery of materials/equipment

**Plant and equipment**

- Compressor
- Crane Franna (20-tonne)
- Front End Loader
- Hand Tools (electric)
- Light Vehicles
- Truck – Medium Rigid (20-tonne)
- Truck and Dog
- Water Cart

**Construction hours**

- Standard approved hours:
  - 7am to 6pm Monday to Friday, inclusive
  - 7am to 6pm Saturday
- Day OOH:
  - 8am to 6pm Sunday and public holidays
- Evening OOH:
  - 6pm to 10pm Monday to Sunday (including public holidays)
- Night OOH:
  - 10pm to 7am Monday to Saturday
  - 10pm to 8am Sunday (including public holidays)

### 2.2.2 Assessment

Two additional work areas, as per the Bomen Yard CA (Doc No: 6-0052-210-EAP-W9-AS-0001_B), for the Bomen Yard CNVIS have been identified, and assessed as per methodology, and plant and equipment noted in Section 2.2.1 above. The SLR NPT has been utilised to assess this additional work area, with results presented under Appendix B. The highest generating items of plant and equipment in this work scenario (Front End Loader and Truck & Dog) have been considered as a worst-case scenario with 100% utilisation within a 15-minute assessment period.

### 2.2.3 Results

Residential receivers

No residential receivers are identified with potential for a NML exceedance and therefore no noise impacts are anticipated.

Non-residential receivers

'Clearly audible' impacts are predicted at three non-residential receivers during daytime periods.

'Clearly audible' impacts are predicted at two non-residential receivers during daytime OOHW periods. 'Noticeable' impacts are predicted at one non-residential receiver during daytime OOHW periods.

It is noted that non-residential receivers should only be considered impacted 'when in use', therefore there are no potential noise impacts to non-residential receivers during evening and night OOH.

# 3 VIBRATION ASSESSMENT

## 3.1 Site establishment activities

There will are no vibration intensive plant and equipment proposed as part of W.001; therefore, no vibration impacts are expected.

## 3.2 Site operational activities

There will are no vibration intensive plant and equipment proposed as part of W.002; therefore, no vibration impacts are expected.

# 4 CONCLUSION

## 4.1 Mitigation and Management Measures

As this Noise Assessment is an addendum to the endorsed CNVIS for Bomen Yard, the same mitigation and management measures apply as noted in Section 8 of the CNVIS.

## 4.2 Additional mitigation measures

As noted in Figure 4-1 below and under Appendix A and Appendix B, the SLR Predict noise results include a section on all applicable additional mitigation measures. These additional mitigation measures will be implemented where appropriate.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| Time Period | Exceedance of NML | Perception | Duration | Communication Category/Management Measure |
| OOHW Daytime PeriodSunday 7am - 6pm(including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening PeriodMonday - Sunday 6pm - 10pm(including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night PeriodMonday - Sunday 10pm - 7am(including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

**FIGURE 4-1: ADDITIONAL MITIGATION MEASURES MATRIX**

# APPENDICES

# APPENDIX A

## SLR Predict (Additional Work Areas – W.001)

# Construction Noise and Vibration Impact Statement (CNVIS)

This report presents the outcomes of detailed noise/vibration modelling relating to specific construction activities proposed on site in accordance with the methodology outlined in the *Construction Noise and Vibration Management Plan* (CNVMP) and overarching *Construction Noise and Vibration Impact Statement* (CNVIS).
Prior to detailed noise/vibration modelling being undertaken, work activities are reviewed and considered in relation to industry best practice, consistent with the requirements of the CNVMP. Consideration is first given to eliminating the noise/vibration emissions so far as reasonably practicable. Where elimination is not practicable, efforts are been made to reduce the risk as far as practical by implementing noise and vibration management measures as outlined in the overarching CNVIS and CNVMP.
Examples of these measures include selecting the quietest equipment and processes to complete the works, considering staging and periods of respite to minimise prolonged periods of noise and vibration exposure, and maximising distances between construction activities and sensitive receivers.

**Consultation with Affected Receivers**
In accordance with CoA E78, the CNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the Work. Details of this consultation are provided in the overarching CNVIS for each enhancement site.

**Predicted Noise Levels**
The assessment presents the highest predicted level at each receiver building, considering predictions at each floor and façade from all potential work areas. The assessment is generally considered conservative as the calculations assume several items of construction equipment are in use at the same time within each work area. The assessment uses 'realistic worst-case' scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario.

**Assessment Details**

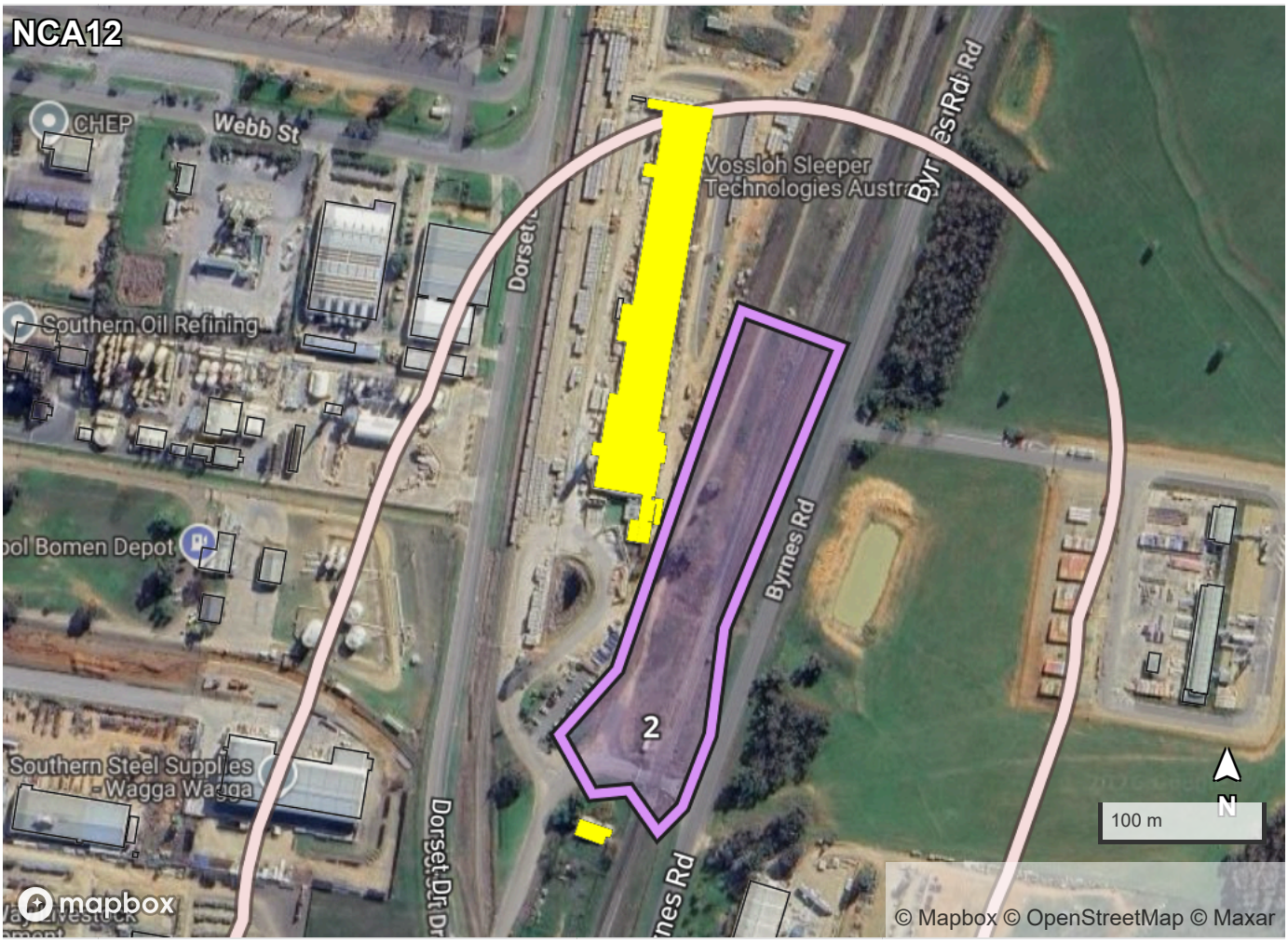
| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment Activities |
| Assessment Number | 412 |
| Stage | A2I Construction |
| Permit Number | N/A |
| Start Date | 2026-03-13 |
| End Date | 2026-07-16 |
| Assessment Period | Day - standard |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Northern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Articulated Dump Truck 100% operation | 109 | 1 | No |
| **2: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Articulated Dump Truck 100% operation | 109 | 1 | No |

**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 3 properties |
| Above HNA | 0 property | 0 property |

### Legend

| |
|---|
| Project Boundary |
| Work Areas |
| Barriers |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|
| 57 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 82 | 7 | Clearly Audible |
| 57 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 79 | 4 | Clearly Audible |
| 58 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 76 | 1 | Clearly Audible |

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening Period Monday - Sunday 6pm - 10pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

| Additional Mitigation Measures | |
|---|---|
| **Measure** | **Abbreviation** |
| Communication (Category 1)[1] | CO1 |
| Communication (Category 2)[2] | CO2 |
| Respite Offer[3] | RO |
| Alternative Accommodation | AltA |
| Agreement with Owners | AO |

**Note 1:** CO1: Communication to provide information on the OOHW via methods such as letter box drop, email, newsletter, media advertisements and/ or website prior to the works commencing.

**Note 2:** CO2: Communication should be personalised (e.g. door knock, meeting, telephone call). Contact with these residents should commence early to enable feedback to be considered by the proposal.

**Note 3:** RO are not applicable to non-residential receivers. RO may comprise of pre-purchased movie tickets, dinner vouchers or similar. RO can also be provided by limiting high noise generating works and allowing at least a one-hour respite period between blocks of work. Where possible, the timing of this respite should be discussed with the impacted community.

| Receiver Types | | | |
|---|---|---|---|
| **Code** | **Description** | **Code** | **Description** |
| RES | Residential | OED | Other Educational |
| COM | Commercial | OHO | Other Hotel |
| IND | Industrial | OLI | Other Library |
| OOA | Other Outdoor Active Recreation | OME | Other Medical |
| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
| OCC | Other Child Care | OPB | Other Public Building |

# Construction Noise and Vibration Impact Statement (CNVIS)

This report presents the outcomes of detailed noise/vibration modelling relating to specific construction activities proposed on site in accordance with the methodology outlined in the *Construction Noise and Vibration Management Plan* (CNVMP) and overarching *Construction Noise and Vibration Impact Statement* (CNVIS).
Prior to detailed noise/vibration modelling being undertaken, work activities are reviewed and considered in relation to industry best practice, consistent with the requirements of the CNVMP. Consideration is first given to eliminating the noise/vibration emissions so far as reasonably practicable. Where elimination is not practicable, efforts are been made to reduce the risk as far as practical by implementing noise and vibration management measures as outlined in the overarching CNVIS and CNVMP.
Examples of these measures include selecting the quietest equipment and processes to complete the works, considering staging and periods of respite to minimise prolonged periods of noise and vibration exposure, and maximising distances between construction activities and sensitive receivers.

**Consultation with Affected Receivers**
In accordance with CoA E78, the CNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the Work. Details of this consultation are provided in the overarching CNVIS for each enhancement site.

**Predicted Noise Levels**
The assessment presents the highest predicted level at each receiver building, considering predictions at each floor and façade from all potential work areas. The assessment is generally considered conservative as the calculations assume several items of construction equipment are in use at the same time within each work area. The assessment uses 'realistic worst-case' scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario.

**Assessment Details**

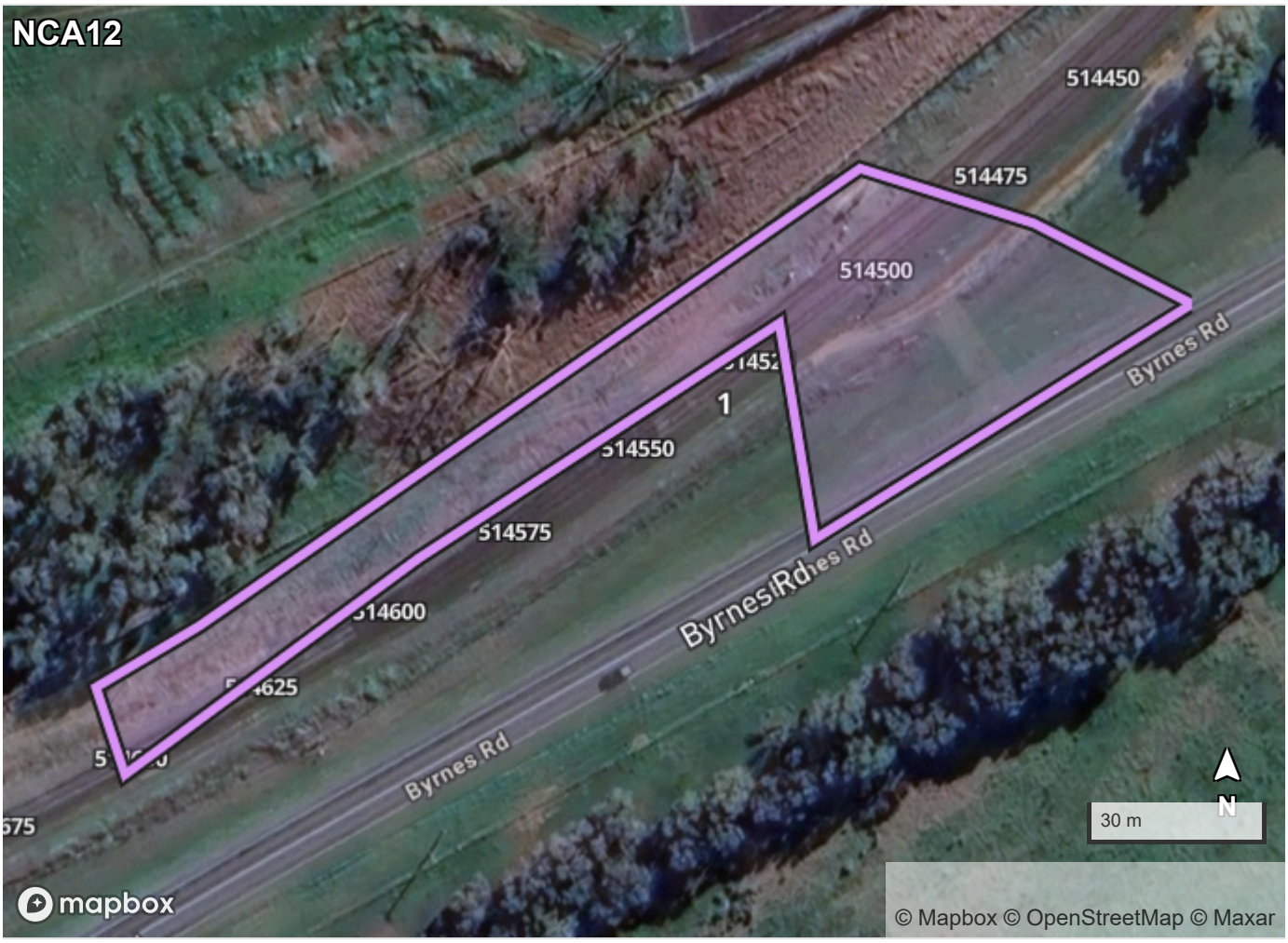
| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment #2 |
| Assessment Number | 413 |
| Stage | A2I Construction |
| Permit Number | |
| Start Date | 2026-03-11 |
| End Date | 2026-03-13 |
| Assessment Period | Day - standard |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Articulated Dump Truck 100% operation | 109 | 1 | No |

**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 0 property |
| Above HNA | 0 property | 0 property |

### Legend

| |
|---|
| Project Boundary |
| Work Areas |
| Barriers |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|

*No results*

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

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| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
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| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

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| Receiver Types | | | |
|---|---|---|---|
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| COM | Commercial | OHO | Other Hotel |
| IND | Industrial | OLI | Other Library |
| OOA | Other Outdoor Active Recreation | OME | Other Medical |
| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
| OCC | Other Child Care | OPB | Other Public Building |

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**Consultation with Affected Receivers**
In accordance with CoA E78, the CNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the Work. Details of this consultation are provided in the overarching CNVIS for each enhancement site.

**Predicted Noise Levels**
The assessment presents the highest predicted level at each receiver building, considering predictions at each floor and façade from all potential work areas. The assessment is generally considered conservative as the calculations assume several items of construction equipment are in use at the same time within each work area. The assessment uses 'realistic worst-case' scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario.

**Assessment Details**

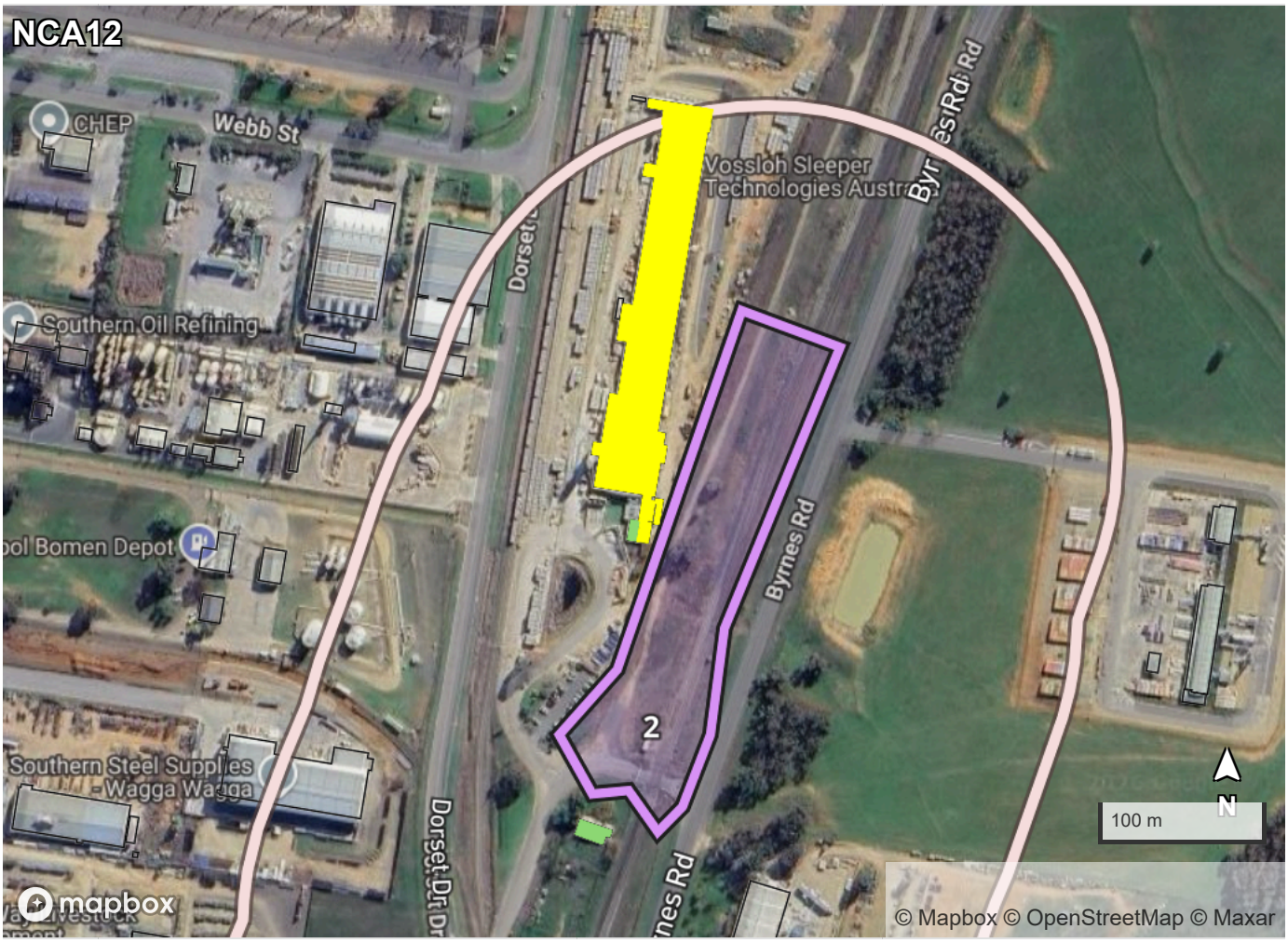
| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment Activities |
| Assessment Number | 412 |
| Stage | A2I Construction |
| Permit Number | N/A |
| Start Date | 2026-03-13 |
| End Date | 2026-07-16 |
| Assessment Period | Day - out of hours |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Northern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Articulated Dump Truck 100% operation | 109 | 1 | No |
| **2: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Articulated Dump Truck 100% operation | 109 | 1 | No |

**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | | Residential | Non-Residential |
|---|---|---|---|
| | Highly Intrusive | 0 property | 0 property |
| | Moderately Intrusive | 0 property | 0 property |
| | Clearly Audible | 0 property | 1 property |
| | Noticeable | 0 property | 2 properties |

### Legend

| | |
|---|---|
| | Project Boundary |
| | Work Areas |
| | Barriers |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|
| 57 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 82 | 7 | Clearly Audible |
| 57 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 79 | 4 | Noticeable |
| 58 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 76 | 1 | Noticeable |

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening Period Monday - Sunday 6pm - 10pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

| Additional Mitigation Measures | |
|---|---|
| **Measure** | **Abbreviation** |
| Communication (Category 1)[1] | CO1 |
| Communication (Category 2)[2] | CO2 |
| Respite Offer[3] | RO |
| Alternative Accommodation | AltA |
| Agreement with Owners | AO |

**Note 1:** CO1: Communication to provide information on the OOHW via methods such as letter box drop, email, newsletter, media advertisements and/ or website prior to the works commencing.

**Note 2:** CO2: Communication should be personalised (e.g. door knock, meeting, telephone call). Contact with these residents should commence early to enable feedback to be considered by the proposal.

**Note 3:** RO are not applicable to non-residential receivers. RO may comprise of pre-purchased movie tickets, dinner vouchers or similar. RO can also be provided by limiting high noise generating works and allowing at least a one-hour respite period between blocks of work. Where possible, the timing of this respite should be discussed with the impacted community.

| Receiver Types | | | |
|---|---|---|---|
| **Code** | **Description** | **Code** | **Description** |
| RES | Residential | OED | Other Educational |
| COM | Commercial | OHO | Other Hotel |
| IND | Industrial | OLI | Other Library |
| OOA | Other Outdoor Active Recreation | OME | Other Medical |
| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
| OCC | Other Child Care | OPB | Other Public Building |

# Construction Noise and Vibration Impact Statement (CNVIS)

This report presents the outcomes of detailed noise/vibration modelling relating to specific construction activities proposed on site in accordance with the methodology outlined in the *Construction Noise and Vibration Management Plan* (CNVMP) and overarching *Construction Noise and Vibration Impact Statement* (CNVIS).
Prior to detailed noise/vibration modelling being undertaken, work activities are reviewed and considered in relation to industry best practice, consistent with the requirements of the CNVMP. Consideration is first given to eliminating the noise/vibration emissions so far as reasonably practicable. Where elimination is not practicable, efforts are been made to reduce the risk as far as practical by implementing noise and vibration management measures as outlined in the overarching CNVIS and CNVMP.
Examples of these measures include selecting the quietest equipment and processes to complete the works, considering staging and periods of respite to minimise prolonged periods of noise and vibration exposure, and maximising distances between construction activities and sensitive receivers.

**Consultation with Affected Receivers**
In accordance with CoA E78, the CNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the Work. Details of this consultation are provided in the overarching CNVIS for each enhancement site.

**Predicted Noise Levels**
The assessment presents the highest predicted level at each receiver building, considering predictions at each floor and façade from all potential work areas. The assessment is generally considered conservative as the calculations assume several items of construction equipment are in use at the same time within each work area. The assessment uses 'realistic worst-case' scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario.

**Assessment Details**

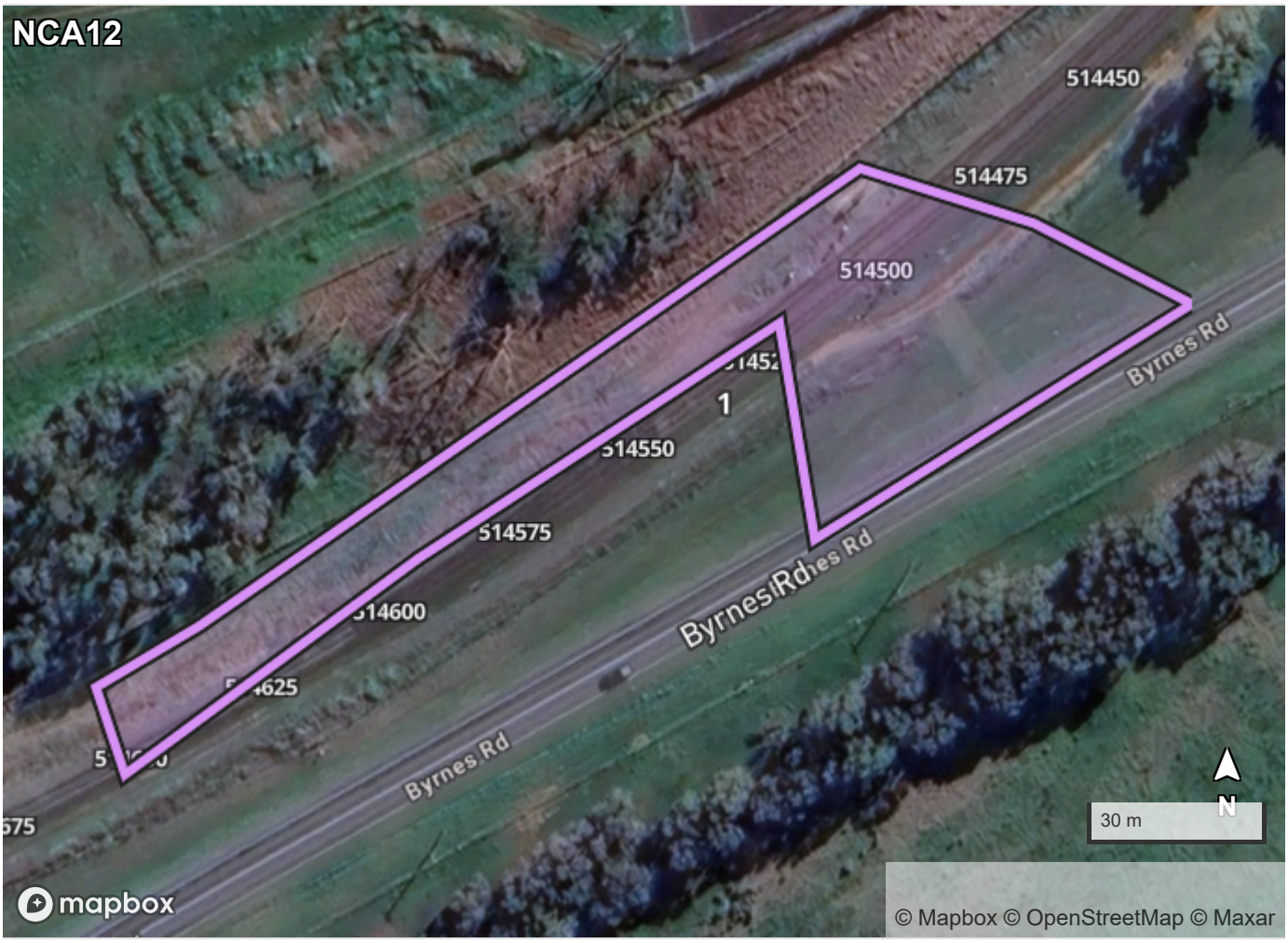
| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment #2 |
| Assessment Number | 413 |
| Stage | A2I Construction |
| Permit Number | |
| Start Date | 2026-03-11 |
| End Date | 2026-03-13 |
| Assessment Period | Day - out of hours |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Articulated Dump Truck 100% operation | 109 | 1 | No |

**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 0 property |
| Noticeable | 0 property | 0 property |

### Legend

| |
|---|
| Project Boundary |
| Work Areas |
| Barriers |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|

*No results*

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening Period Monday - Sunday 6pm - 10pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

| Additional Mitigation Measures | |
|---|---|
| **Measure** | **Abbreviation** |
| Communication (Category 1)[1] | CO1 |
| Communication (Category 2)[2] | CO2 |
| Respite Offer[3] | RO |
| Alternative Accommodation | AltA |
| Agreement with Owners | AO |

**Note 1:** CO1: Communication to provide information on the OOHW via methods such as letter box drop, email, newsletter, media advertisements and/ or website prior to the works commencing.

**Note 2:** CO2: Communication should be personalised (e.g. door knock, meeting, telephone call). Contact with these residents should commence early to enable feedback to be considered by the proposal.

**Note 3:** RO are not applicable to non-residential receivers. RO may comprise of pre-purchased movie tickets, dinner vouchers or similar. RO can also be provided by limiting high noise generating works and allowing at least a one-hour respite period between blocks of work. Where possible, the timing of this respite should be discussed with the impacted community.

| Receiver Types | | | |
|---|---|---|---|
| **Code** | **Description** | **Code** | **Description** |
| RES | Residential | OED | Other Educational |
| COM | Commercial | OHO | Other Hotel |
| IND | Industrial | OLI | Other Library |
| OOA | Other Outdoor Active Recreation | OME | Other Medical |
| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
| OCC | Other Child Care | OPB | Other Public Building |

# APPENDIX B

## SLR Predict (Additional Work Areas – W.002)

# Construction Noise and Vibration Impact Statement (CNVIS)

This report presents the outcomes of detailed noise/vibration modelling relating to specific construction activities proposed on site in accordance with the methodology outlined in the *Construction Noise and Vibration Management Plan* (CNVMP) and overarching *Construction Noise and Vibration Impact Statement* (CNVIS).
Prior to detailed noise/vibration modelling being undertaken, work activities are reviewed and considered in relation to industry best practice, consistent with the requirements of the CNVMP. Consideration is first given to eliminating the noise/vibration emissions so far as reasonably practicable. Where elimination is not practicable, efforts are been made to reduce the risk as far as practical by implementing noise and vibration management measures as outlined in the overarching CNVIS and CNVMP.
Examples of these measures include selecting the quietest equipment and processes to complete the works, considering staging and periods of respite to minimise prolonged periods of noise and vibration exposure, and maximising distances between construction activities and sensitive receivers.

**Consultation with Affected Receivers**
In accordance with CoA E78, the CNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the Work. Details of this consultation are provided in the overarching CNVIS for each enhancement site.

**Predicted Noise Levels**
The assessment presents the highest predicted level at each receiver building, considering predictions at each floor and façade from all potential work areas. The assessment is generally considered conservative as the calculations assume several items of construction equipment are in use at the same time within each work area. The assessment uses 'realistic worst-case' scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario.

**Assessment Details**

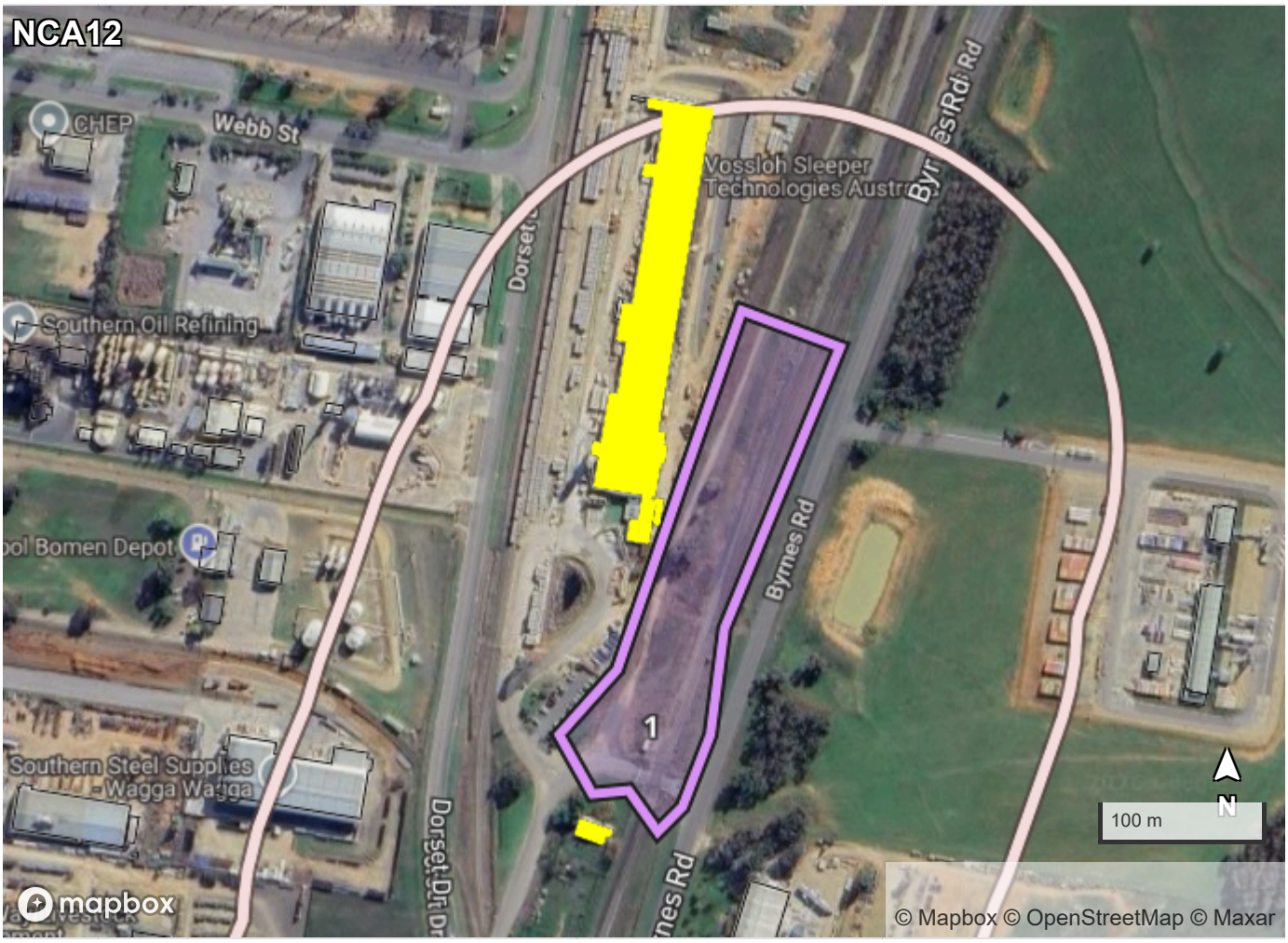
| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment Activities |
| Assessment Number | 412 |
| Stage | A2I Construction |
| Permit Number | N/A |
| Start Date | 2026-03-13 |
| End Date | 2026-07-16 |
| Assessment Period | Day - standard |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Truck - road truck/ truck & dog (30T) 100% operation | 108 | 1 | No |
| **2: Northern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Truck - road truck/ truck & dog (30T) 100% operation | 108 | 1 | No |

**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 3 properties |
| Above HNA | 0 property | 0 property |

### Legend

| |
|---|
| Project Boundary |
| Work Areas |
| Barriers |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|
| 57 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 82 | 7 | Clearly Audible |
| 57 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 78 | 3 | Clearly Audible |
| 58 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 76 | 1 | Clearly Audible |

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening Period Monday - Sunday 6pm - 10pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

| Additional Mitigation Measures | |
|---|---|
| **Measure** | **Abbreviation** |
| Communication (Category 1)[1] | CO1 |
| Communication (Category 2)[2] | CO2 |
| Respite Offer[3] | RO |
| Alternative Accommodation | AltA |
| Agreement with Owners | AO |

**Note 1:** CO1: Communication to provide information on the OOHW via methods such as letter box drop, email, newsletter, media advertisements and/ or website prior to the works commencing.

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| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
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# Construction Noise and Vibration Impact Statement (CNVIS)

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**Assessment Details**

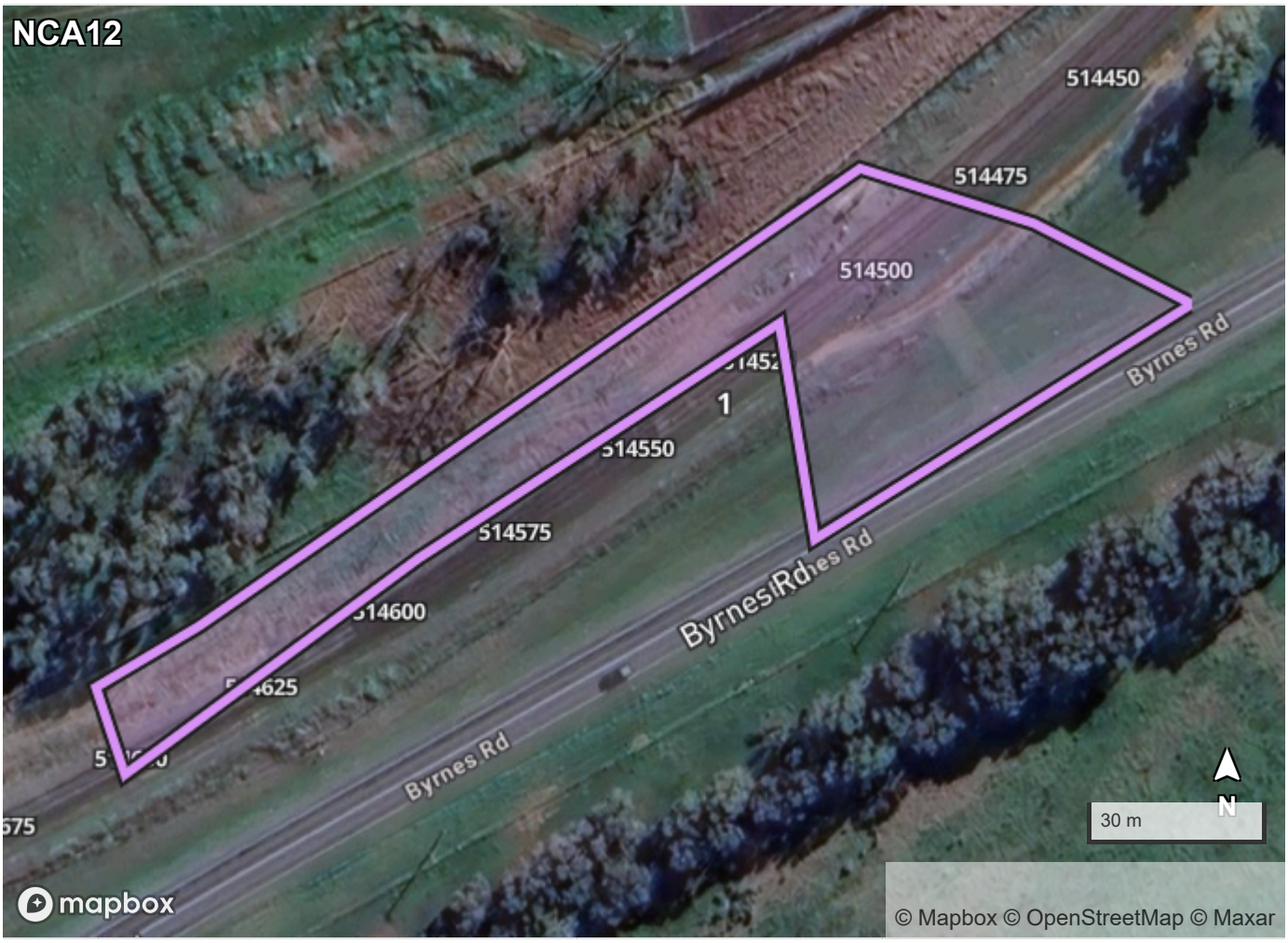
| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment #2 |
| Assessment Number | 413 |
| Stage | A2I Construction |
| Permit Number | |
| Start Date | 2026-03-11 |
| End Date | 2026-03-13 |
| Assessment Period | Day - standard |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Truck - road truck/ truck & dog (30T) 100% operation | 108 | 1 | No |

**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 0 property |
| Above HNA | 0 property | 0 property |

### Legend

| |
|---|
| Project Boundary |
| Work Areas |
| Barriers |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|

*No results*

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening Period Monday - Sunday 6pm - 10pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

| Additional Mitigation Measures | |
|---|---|
| **Measure** | **Abbreviation** |
| Communication (Category 1)[1] | CO1 |
| Communication (Category 2)[2] | CO2 |
| Respite Offer[3] | RO |
| Alternative Accommodation | AltA |
| Agreement with Owners | AO |

**Note 1:** CO1: Communication to provide information on the OOHW via methods such as letter box drop, email, newsletter, media advertisements and/ or website prior to the works commencing.

**Note 2:** CO2: Communication should be personalised (e.g. door knock, meeting, telephone call). Contact with these residents should commence early to enable feedback to be considered by the proposal.

**Note 3:** RO are not applicable to non-residential receivers. RO may comprise of pre-purchased movie tickets, dinner vouchers or similar. RO can also be provided by limiting high noise generating works and allowing at least a one-hour respite period between blocks of work. Where possible, the timing of this respite should be discussed with the impacted community.

| Receiver Types | | | |
|---|---|---|---|
| **Code** | **Description** | **Code** | **Description** |
| RES | Residential | OED | Other Educational |
| COM | Commercial | OHO | Other Hotel |
| IND | Industrial | OLI | Other Library |
| OOA | Other Outdoor Active Recreation | OME | Other Medical |
| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
| OCC | Other Child Care | OPB | Other Public Building |

# Construction Noise and Vibration Impact Statement (CNVIS)

This report presents the outcomes of detailed noise/vibration modelling relating to specific construction activities proposed on site in accordance with the methodology outlined in the *Construction Noise and Vibration Management Plan* (CNVMP) and overarching *Construction Noise and Vibration Impact Statement* (CNVIS).
Prior to detailed noise/vibration modelling being undertaken, work activities are reviewed and considered in relation to industry best practice, consistent with the requirements of the CNVMP. Consideration is first given to eliminating the noise/vibration emissions so far as reasonably practicable. Where elimination is not practicable, efforts are been made to reduce the risk as far as practical by implementing noise and vibration management measures as outlined in the overarching CNVIS and CNVMP.
Examples of these measures include selecting the quietest equipment and processes to complete the works, considering staging and periods of respite to minimise prolonged periods of noise and vibration exposure, and maximising distances between construction activities and sensitive receivers.

**Consultation with Affected Receivers**
In accordance with CoA E78, the CNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the Work. Details of this consultation are provided in the overarching CNVIS for each enhancement site.

**Predicted Noise Levels**
The assessment presents the highest predicted level at each receiver building, considering predictions at each floor and façade from all potential work areas. The assessment is generally considered conservative as the calculations assume several items of construction equipment are in use at the same time within each work area. The assessment uses 'realistic worst-case' scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario.

**Assessment Details**

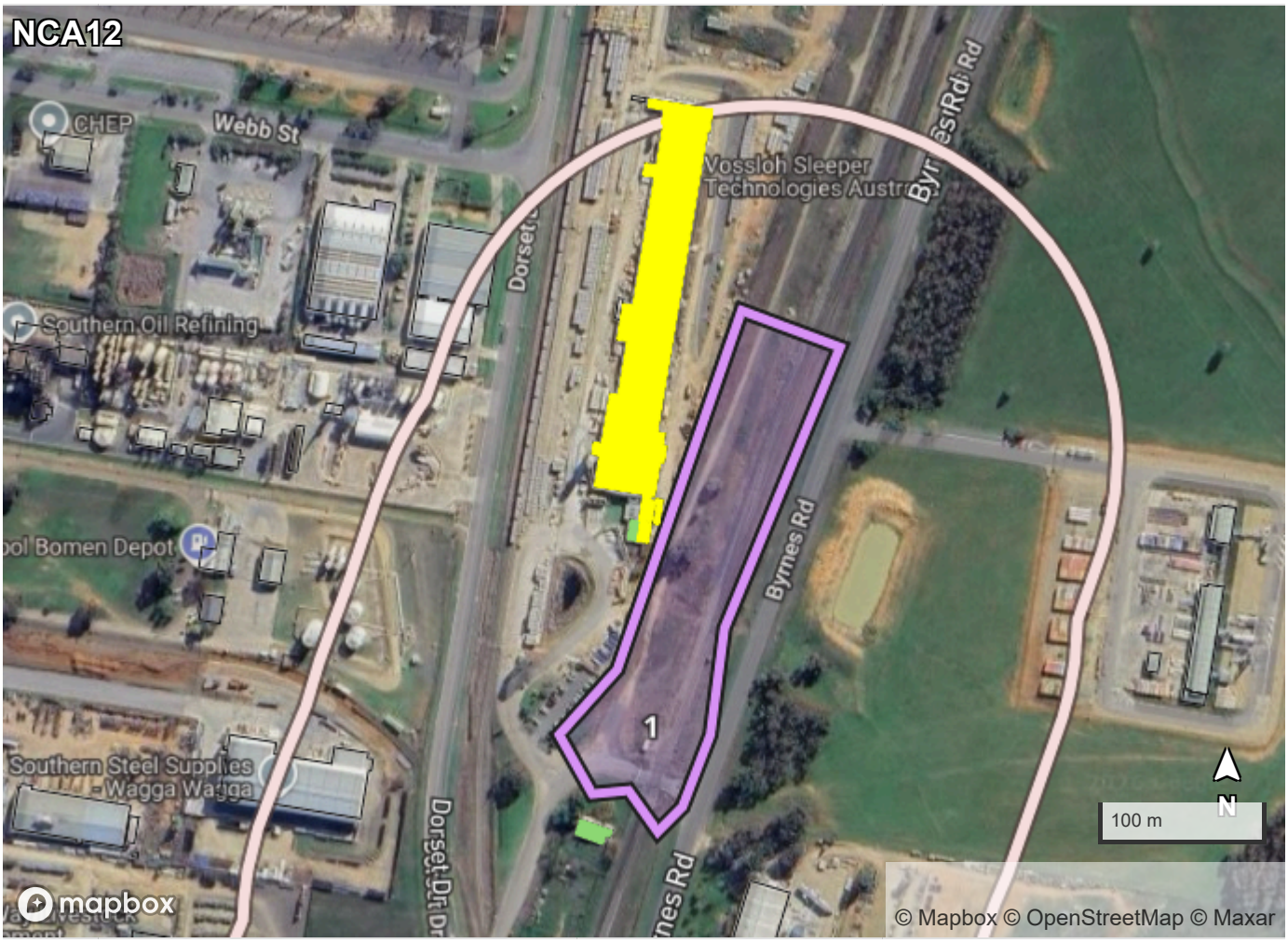
| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment Activities |
| Assessment Number | 412 |
| Stage | A2I Construction |
| Permit Number | N/A |
| Start Date | 2026-03-13 |
| End Date | 2026-07-16 |
| Assessment Period | Day - out of hours |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Truck - road truck/ truck & dog (30T) 100% operation | 108 | 1 | No |
| **2: Northern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Truck - road truck/ truck & dog (30T) 100% operation | 108 | 1 | No |

**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 1 property |
| Noticeable | 0 property | 2 properties |

### Legend

| |
|---|
| Project Boundary |
| Work Areas |
| Barriers |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|
| 57 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 82 | 7 | Clearly Audible |
| 57 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 78 | 3 | Noticeable |
| 58 DAMPIER ST, BOMEN NSW 2650 | IND | NCA12 | 75 | 76 | 1 | Noticeable |

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening Period Monday - Sunday 6pm - 10pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

| Additional Mitigation Measures | |
|---|---|
| **Measure** | **Abbreviation** |
| Communication (Category 1)[1] | CO1 |
| Communication (Category 2)[2] | CO2 |
| Respite Offer[3] | RO |
| Alternative Accommodation | AltA |
| Agreement with Owners | AO |

**Note 1:** CO1: Communication to provide information on the OOHW via methods such as letter box drop, email, newsletter, media advertisements and/ or website prior to the works commencing.

**Note 2:** CO2: Communication should be personalised (e.g. door knock, meeting, telephone call). Contact with these residents should commence early to enable feedback to be considered by the proposal.

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| Receiver Types | | | |
|---|---|---|---|
| **Code** | **Description** | **Code** | **Description** |
| RES | Residential | OED | Other Educational |
| COM | Commercial | OHO | Other Hotel |
| IND | Industrial | OLI | Other Library |
| OOA | Other Outdoor Active Recreation | OME | Other Medical |
| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
| OCC | Other Child Care | OPB | Other Public Building |

# Construction Noise and Vibration Impact Statement (CNVIS)

This report presents the outcomes of detailed noise/vibration modelling relating to specific construction activities proposed on site in accordance with the methodology outlined in the *Construction Noise and Vibration Management Plan* (CNVMP) and overarching *Construction Noise and Vibration Impact Statement* (CNVIS).
Prior to detailed noise/vibration modelling being undertaken, work activities are reviewed and considered in relation to industry best practice, consistent with the requirements of the CNVMP. Consideration is first given to eliminating the noise/vibration emissions so far as reasonably practicable. Where elimination is not practicable, efforts are been made to reduce the risk as far as practical by implementing noise and vibration management measures as outlined in the overarching CNVIS and CNVMP.
Examples of these measures include selecting the quietest equipment and processes to complete the works, considering staging and periods of respite to minimise prolonged periods of noise and vibration exposure, and maximising distances between construction activities and sensitive receivers.

**Consultation with Affected Receivers**
In accordance with CoA E78, the CNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the Work. Details of this consultation are provided in the overarching CNVIS for each enhancement site.

**Predicted Noise Levels**
The assessment presents the highest predicted level at each receiver building, considering predictions at each floor and façade from all potential work areas. The assessment is generally considered conservative as the calculations assume several items of construction equipment are in use at the same time within each work area. The assessment uses 'realistic worst-case' scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario.

**Assessment Details**

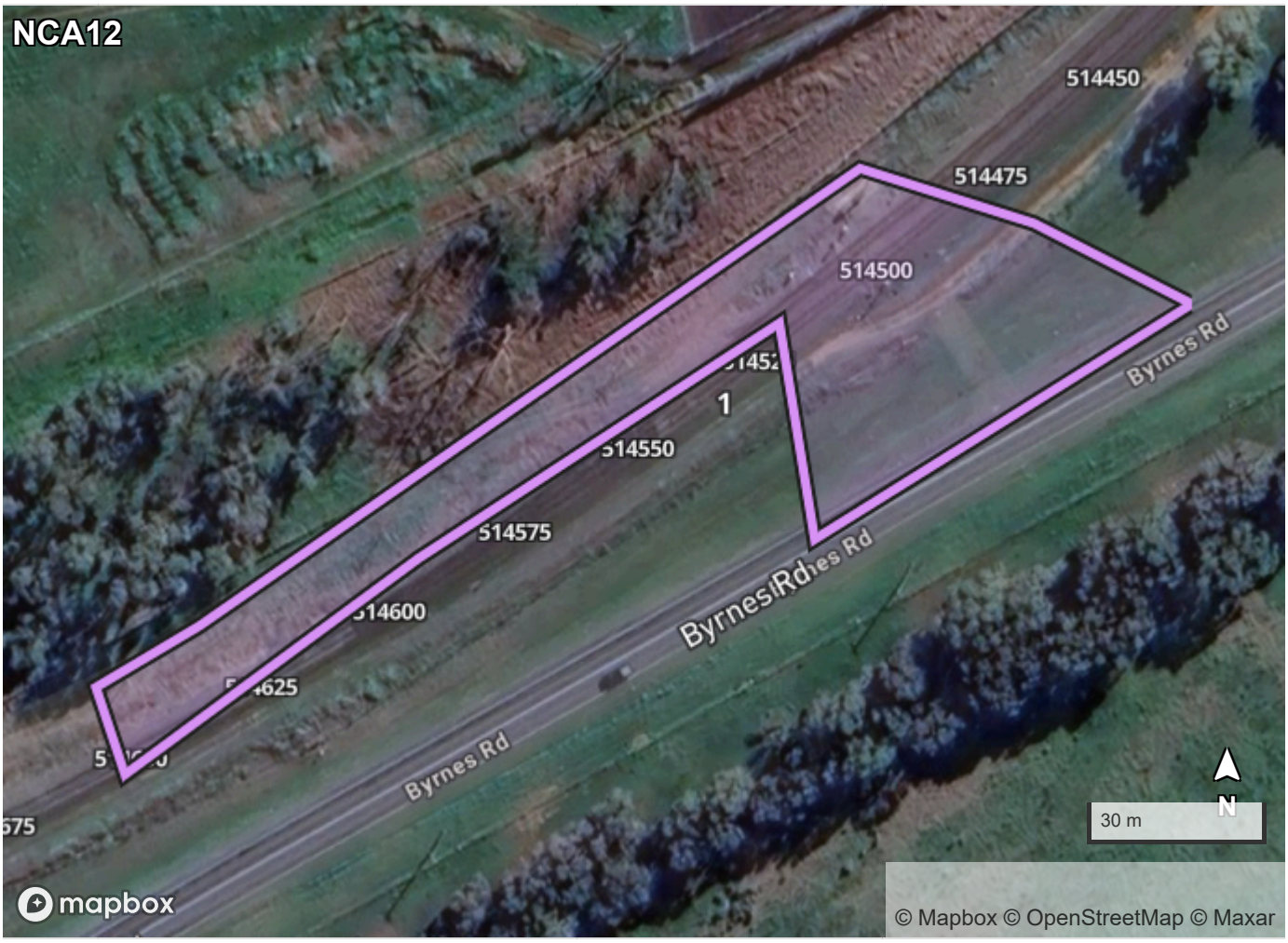
| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment #2 |
| Assessment Number | 413 |
| Stage | A2I Construction |
| Permit Number | |
| Start Date | 2026-03-11 |
| End Date | 2026-03-13 |
| Assessment Period | Day - out of hours |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Truck - road truck/ truck & dog (30T) 100% operation | 108 | 1 | No |

**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 0 property |
| Noticeable | 0 property | 0 property |

### Legend

| |
|---|
| Project Boundary |
| Work Areas |
| Barriers |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|

*No results*

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening Period Monday - Sunday 6pm - 10pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

| Additional Mitigation Measures | |
|---|---|
| **Measure** | **Abbreviation** |
| Communication (Category 1)[1] | CO1 |
| Communication (Category 2)[2] | CO2 |
| Respite Offer[3] | RO |
| Alternative Accommodation | AltA |
| Agreement with Owners | AO |

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| Receiver Types | | | |
|---|---|---|---|
| **Code** | **Description** | **Code** | **Description** |
| RES | Residential | OED | Other Educational |
| COM | Commercial | OHO | Other Hotel |
| IND | Industrial | OLI | Other Library |
| OOA | Other Outdoor Active Recreation | OME | Other Medical |
| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
| OCC | Other Child Care | OPB | Other Public Building |

# Construction Noise and Vibration Impact Statement (CNVIS)

This report presents the outcomes of detailed noise/vibration modelling relating to specific construction activities proposed on site in accordance with the methodology outlined in the *Construction Noise and Vibration Management Plan* (CNVMP) and overarching *Construction Noise and Vibration Impact Statement* (CNVIS).
Prior to detailed noise/vibration modelling being undertaken, work activities are reviewed and considered in relation to industry best practice, consistent with the requirements of the CNVMP. Consideration is first given to eliminating the noise/vibration emissions so far as reasonably practicable. Where elimination is not practicable, efforts are been made to reduce the risk as far as practical by implementing noise and vibration management measures as outlined in the overarching CNVIS and CNVMP.
Examples of these measures include selecting the quietest equipment and processes to complete the works, considering staging and periods of respite to minimise prolonged periods of noise and vibration exposure, and maximising distances between construction activities and sensitive receivers.

**Consultation with Affected Receivers**
In accordance with CoA E78, the CNVIS must include specific mitigation measures identified through consultation with affected sensitive land user(s) and the mitigation measures must be implemented for the duration of the Work. Details of this consultation are provided in the overarching CNVIS for each enhancement site.

**Predicted Noise Levels**
The assessment presents the highest predicted level at each receiver building, considering predictions at each floor and façade from all potential work areas. The assessment is generally considered conservative as the calculations assume several items of construction equipment are in use at the same time within each work area. The assessment uses 'realistic worst-case' scenarios to determine the impacts from the noisiest 15-minute period that is likely to occur for each work scenario.

**Assessment Details**

| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment Activities |
| Assessment Number | 412 |
| Stage | A2I Construction |
| Permit Number | N/A |
| Start Date | 2026-03-13 |
| End Date | 2026-07-16 |
| Assessment Period | Evening - out of hours |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
| **1: Southern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
| Truck - road truck/ truck & dog (30T) 100% operation | 108 | 1 | No |
| **2: Northern Extension** (Height: Ground) | Total: 114 | | |
| Front End Loader 100% operation | 113 | 1 | No |
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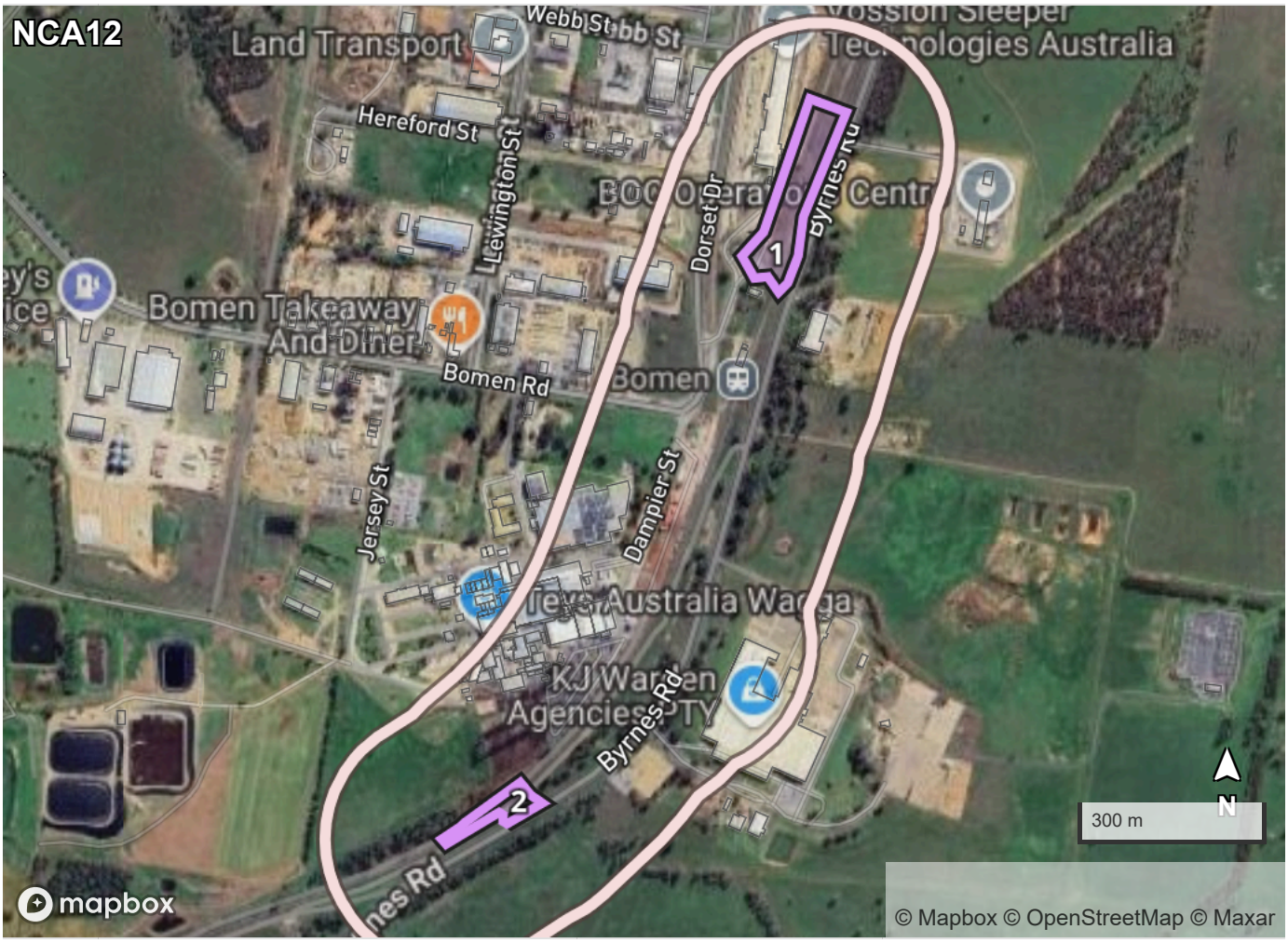
**Note 1:** Equipment classed as 'annoying' in the *Interim Construction Noise Guideline (DECC, 2009)* include a 5 dB correction.
**Note 2:** Equipment sound power levels consider the mitigation measures outlined in the overarching CNVIS to provide mitigated results.

## Assessment Results




| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 0 property |
| Noticeable | 0 property | 0 property |

### Legend

| | |
|---|---|
| Project Boundary | |
| Work Areas | |
| Barriers | |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|

*No results*

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
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| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
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| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
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| **Measure** | **Abbreviation** |
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# Construction Noise and Vibration Impact Statement (CNVIS)

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**Assessment Details**

| | |
|---|---|
| Author Name | |
| Author Email | noiseassessments@martinus.com.au |
| Author Organisation | Martinus Rail |
| Project Name | A2I - Albury to Illabo |
| Assessment Name | Bomen Site Establishment Activities |
| Assessment Number | 412 |
| Stage | A2I Construction |
| Permit Number | N/A |
| Start Date | 2026-03-13 |
| End Date | 2026-07-16 |
| Assessment Period | Night - out of hours |

**Equipment Details**

| Plant/Equipment | Equipment Sound Power Level (Unadjusted), dBA | Number of Units | Temporary Noise Barrier |
|---|---|---|---|
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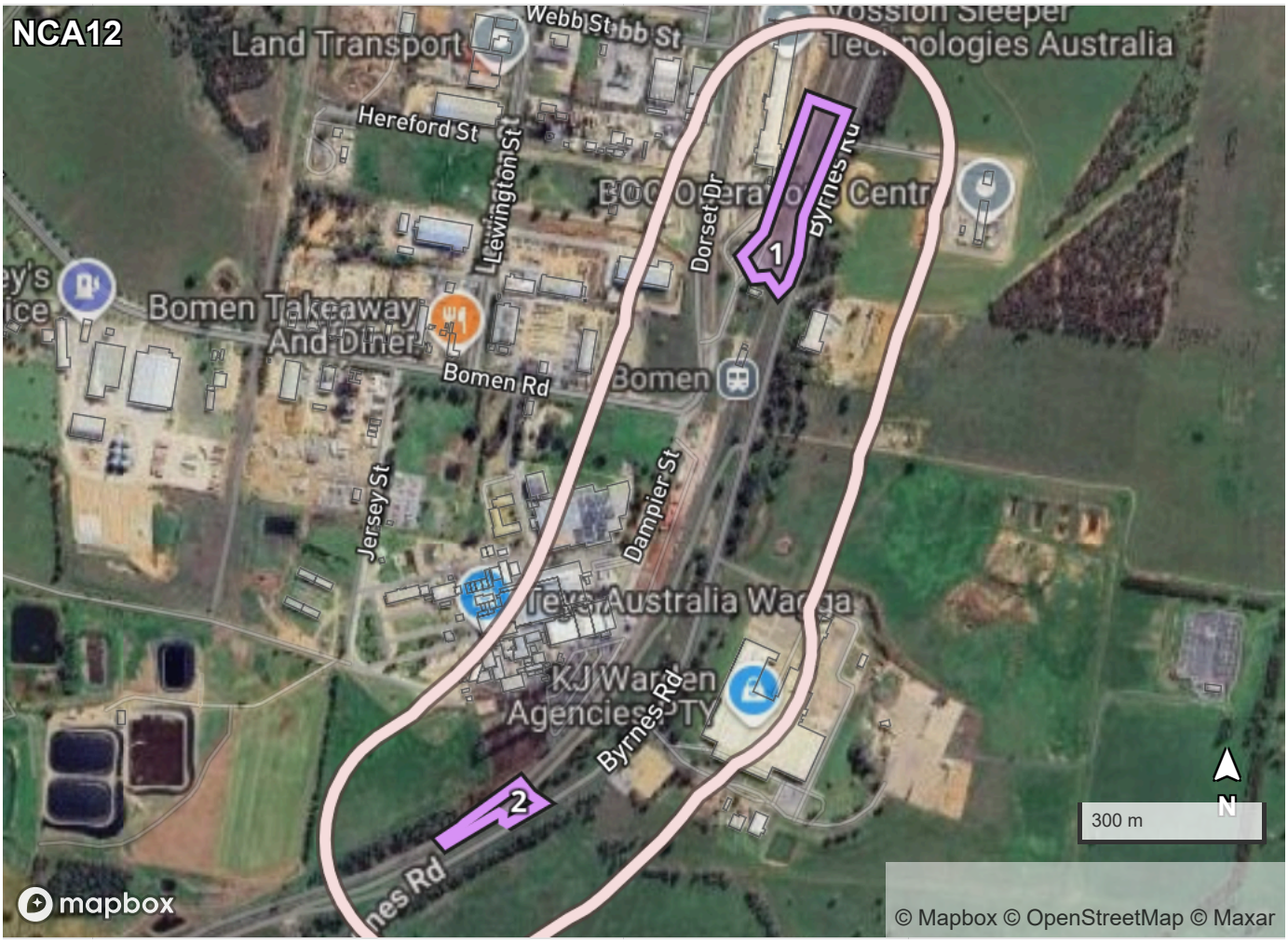


| | Residential | Non-Residential |
|---|---|---|
| Highly Intrusive | 0 property | 0 property |
| Moderately Intrusive | 0 property | 0 property |
| Clearly Audible | 0 property | 0 property |
| Noticeable | 0 property | 0 property |
| Above Sleep Disturbance | 0 property | 0 property |
| Above Sleep Awake | 0 property | 0 property |

### Legend

| | |
|---|---|
| Project Boundary | |
| Work Areas | |
| Barriers | |

Results by Receiver

| Address | Land Use | Noise Catchment Area | Construction Noise Management Level, dBA | Predicted Noise Level, dBA | Predicted Noise Level Above Noise Management Level, dB | Noise Category |
|---|---|---|---|---|---|---|

*No results*

**Recommended Mitigation Measures**

This assessment has been conducted with regard to the relevant CNVIS and CNVMP. To manage noise and vibration impacts, project specific mitigation measures may be considered such as reviewing construction staging methodology to identify opportunities to schedule intensive works during less sensitive time periods and by providing a clear process for community engagement and complaints. Likewise, the requirements and actionable items within the overarching CNVIS and CNVMP should be considered and adopted where appropriate. Following the consideration of project specific noise mitigation measures, additional noise mitigation measures to be explored are described in the Inland Rail NSW Construction Noise and Vibration Framework (CNVF) and summarised below.

| Airborne Noise - Additional Mitigation Measures Matrix | | | | |
|---|---|---|---|---|
| **Time Period** | **Exceedance of NML** | **Perception** | **Duration** | **Communication Category/Management Measure** |
| OOHW Daytime Period Sunday 7am - 6pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| OOHW Evening Period Monday - Sunday 6pm - 10pm (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | >25 | Highly intrusive | Any | CO1, CO2 |
| | | | >2 consecutive rest periods | CO1, CO2, RO |
| OOHW Night Period Monday - Sunday 10pm - 7am (including public holidays) | <5 | Noticeable | Any | CO1 |
| | 5 - 15 | Clearly audible | Any | CO1 |
| | 16 - 25 | Moderately intrusive | Any | CO1, CO2 |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO |
| | >25 | Highly intrusive | Any | CO1, CO2, RO |
| | | | >2 consecutive sleep periods | CO1, CO2, RO, AO, AltA |

| Vibration - Additional Mitigation Measures Matrix | | | |
|---|---|---|---|
| **Time Period** | **Duration** | **Exceedance of 'preferred' value** | **Exceedance of 'maximum' value** |
| OOHW Daytime Period Sunday 8am-6pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Evening Period Mon-Sun 6pm-10pm | Any | CO1, CO2 | CO1, CO2, RO |
| OOHW Night Period Mon-Sat 10pm-7am Sun 10pm-8am | Any | CO1, CO2, RO | CO1, CO2, RO, AltA |

| Additional Mitigation Measures | |
|---|---|
| **Measure** | **Abbreviation** |
| Communication (Category 1)[1] | CO1 |
| Communication (Category 2)[2] | CO2 |
| Respite Offer[3] | RO |
| Alternative Accommodation | AltA |
| Agreement with Owners | AO |

**Note 1:** CO1: Communication to provide information on the OOHW via methods such as letter box drop, email, newsletter, media advertisements and/ or website prior to the works commencing.

**Note 2:** CO2: Communication should be personalised (e.g. door knock, meeting, telephone call). Contact with these residents should commence early to enable feedback to be considered by the proposal.

**Note 3:** RO are not applicable to non-residential receivers. RO may comprise of pre-purchased movie tickets, dinner vouchers or similar. RO can also be provided by limiting high noise generating works and allowing at least a one-hour respite period between blocks of work. Where possible, the timing of this respite should be discussed with the impacted community.

| Receiver Types | | | |
|---|---|---|---|
| **Code** | **Description** | **Code** | **Description** |
| RES | Residential | OED | Other Educational |
| COM | Commercial | OHO | Other Hotel |
| IND | Industrial | OLI | Other Library |
| OOA | Other Outdoor Active Recreation | OME | Other Medical |
| OOP | Other Outdoor Passive Recreation | OPW | Other Place of Worship |
| OCC | Other Child Care | OPB | Other Public Building |

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