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URANQUINTY YARD – CONSTRUCTION NOISE AND VIBRATION IMPACT STATEMENT ADDENDUM 3

A2I | Albury to Illabo

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A2I | ALBURY TO ILLABO

URANQUINTY YARD – CONSTRUCTION NOISE AND VIBRATION IMPACT STATEMENT ADDENDUM 3

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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
CA	Consistency Assessment
CNVIS	Construction Noise and Vibration Impact Statement
CNVIS Addendum	This document
Uranquinty Yard CNVIS	Uranquinty Yard Construction Noise and Vibration Impact Statement (Doc No. 6-0052-210-EEC-W1-AS-0001)
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, as modified on 13 August 2025
RBL	Rating Background Level
SLR Predict	A2I noise and vibration management tool
T	Tonnes

1 INTRODUCTION

1.1 Purpose of the Addendum

This Construction Noise and Vibration Impact Statement Addendum (Addendum) has been prepared to identify and assess the work areas required for an additional work scenario W.006A to enable the track stressing operations associated with the Uranquinty Yard clearances enhancement site (Uranquinty Yard), as shown in Figure 1 below.

This Addendum will form part of the endorsed Construction Noise and Vibration Impact Statement (CNVIS) (Doc No: 6-0052-210-EEC-W1-AS-0001) for Uranquinty Yard.

This Addendum should be reviewed in conjunction with the CNVIS for Uranquinty Yard, including adopted Rating Background Levels (RBL), Noise Management Levels (NML) and assessment criteria in accordance with the Conditions of Approval (CoA) (SSI-10055).



FIGURE 1: W.006A - URANQUINTY CLIPPING LOCATIONS

2 NOISE ASSESSMENT

The potential construction noise level from the proposed works have been predicted using SLR Predict, the A2I project-specific noise and vibration tool. This CNVIS Addendum assesses the work scenarios identified in Table 2 below.

TABLE 2: WORK SCENARIO DESCRIPTION

ID	Scenario	Description	Total Lw
W.006A	De-clipping/ re-clipping track works	To facilitate track stressing works the rail will be de-clipped using handheld hydraulic equipment and hand tools in the proposed areas.	113

2.1 De-clipping / Re-clipping Works (W.006A)

2.1.1 Scope

The additional work scenario (W.006A) required for Uranquinty Yard forms part of the wider scope associated at the Uranquinty Yard clearances enhancement site and will facilitate the track stressing operations. The work areas for this additional work scenario have been identified in the Track Stressing Operations Consistency Assessment (Doc No: 6-0052-210-EAP-J0-AS-0003).

This CNVIS addendum has assessed the work areas required using SLR Predict, the A2I noise and vibration management tool, with the following noted:

Activity

- De-clipping via manual and hydraulic equipment followed by re-clipping once the track stressing operations have concluded.

Plant and equipment

Due to the de-clipping equipment not being available within the SLR Predict tool a Compressor has been selected to replicate the similar noise output (109dBA).

- Track Pack E-Clip Working Head (hydraulic)
- Rail – E Clip Puller (Manual).

Construction hours

- Standard approved construction hours:
 - 7am to 6pm Monday to Friday, inclusive
 - 7am to 6pm Saturday.
- Daytime out-of-hours (OOH)
 - 8am to 6pm Sunday and Public Holidays.

Note: No evening or night works planned for the proposed works.

2.1.2 Assessment

The revised work area has been assessed utilising SLR Predict and comparing it to a similar work scenario within the endorsed Uranquinty CNVIS. The full plant and equipment list (as per the endorsed CNVIS) has been considered as a worst-case scenario within a 15-minute assessment period. The operating time (utilisation %) of each plant and equipment has remained the same as per the endorsed CNVIS.

2.1.3 Results

The SLR Predict results are presented in Appendix A, for daytime OOH as the most affected period.

Table 3 provide a summary of the exceedances identified through various assessments. It compares the following:

- Typical Track Works (W.006) exceedances identified in the endorsed Uranquinty CNVIS results during daytime OOH hours.
- Clipping Operations (W.006A) exceedances identified in the SLR Predict results for the revised work area shown in Figure 1. including the reduced plant and equipment identified in Section 2.2.1

TABLE 3: NOISE EXCEEDANCE COMPARISON (DAYTIME OOH)

ASSESSMENT RESULTS	NUMBER OF RESIDENTIAL RECEIVERS WITH NML EXCEEDANCE	
	Uranquinty CNVIS – W.006	SLR Predict – W.006A (revised work area and reduced plant/equipment list)
Total Lw (dBA)	116	113
Noticeable (1-5 dB)	72	114
Clearly Audible (6-15 dB)	160	96
Moderately Intrusive (16-25 dB)	89	15
Highly Intrusive (>25 dB)	0	0

Table 3 shows the comparative difference of the two work scenarios and the reduced impact of W.006A. This reduction in total Lw means that more residents fall into the 'Noticeable' (1-5dB) range compared to 'Clearly Audible' (6-15dB) and 'Moderately Intrusive' (16-25dB). This is due to the reduced plant and equipment requirement as well as the more isolated work locations.

3 VIBRATION ASSESSMENT

3.1 De-clipping / Re-clipping Works (W.006A)

There are no vibration intensive plant and equipment proposed as part of W.006A; therefore, no vibration impacts are expected.

4 CONCLUSION

4.1 Mitigation and management measures

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

4.2 Additional mitigation measures

As noted in Figure 2, Figure 3 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 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

FIGURE 2: ADDITIONAL MITIGATION MEASURES MATRIX – NOISE

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

FIGURE 3: ADDITIONAL MITIGATION MEASURES MATRIX - NOISE & VIBRATION



APPENDICES



APPENDIX A

SLR Predict (W.006A) – Daytime OOHW



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	Track Stressing (Clipping) Uranquinty
Assessment Number	607
Stage	A2I Construction
Permit Number	
Start Date	2026-09-13
End Date	2026-09-13
Assessment Period	Day - out of hours

Equipment Details

Plant/Equipment	Equipment Sound Power Level (Unadjusted), dBA	Number of Units	Temporary Noise Barrier
1: Uranquinty North (Height: Ground)	Total: 113		
Hand tools (manual) 100% operation	102	4	No
Compressor 100% operation	109	2	No
2: Uranquinty Sth (Height: Ground)	Total: 113		
Hand tools (manual) 100% operation	102	4	No
Compressor 100% operation	109	2	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	15 properties	0 property
	Clearly Audible	96 properties	5 properties
	Noticeable	114 properties	2 properties

Legend

	Project Boundary
	Work Areas
	Barriers

Results by Receiver

Facade/Floor: Show, Minimum floor to show: 0

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
23 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	67	23	Moderately Intrusive
5 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	65	21	Moderately Intrusive
3 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	65	21	Moderately Intrusive
9 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	64	20	Moderately Intrusive
1 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	64	20	Moderately Intrusive
59-61 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	63	19	Moderately Intrusive
7 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	63	19	Moderately Intrusive
13 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	62	18	Moderately Intrusive
21 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	62	18	Moderately Intrusive
11 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	61	17	Moderately Intrusive
68 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	61	17	Moderately Intrusive
51-53 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	60	16	Moderately Intrusive
15 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	60	16	Moderately Intrusive
1040 OLD STATION RD, URANQUINTY NSW 2652	RES	NCA09	44	60	16	Moderately Intrusive
29 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	60	16	Moderately Intrusive
URANQUINTY PUBLIC SCHOOL 67 PEARSON ST, URANQUINTY NSW 2652	OED	NCA09	55	70	15	Clearly Audible
60 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	59	15	Clearly Audible
62-64 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	59	15	Clearly Audible
2 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	59	15	Clearly Audible
2 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	59	15	Clearly Audible
12 TABER ST, URANQUINTY NSW 2652	RES	NCA09	44	59	15	Clearly Audible
6066 OLYMPIC HWY, URANQUINTY NSW 2652	RES	NCA09	44	59	15	Clearly Audible
14 TABER ST, URANQUINTY NSW 2652	RES	NCA09	44	59	15	Clearly Audible
58 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	58	14	Clearly Audible
78 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	58	14	Clearly Audible
4 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	57	13	Clearly Audible
50-52 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	57	13	Clearly Audible
URANQUINTY PUBLIC SCHOOL 67 PEARSON ST, URANQUINTY NSW 2652	OED	NCA09	55	68	13	Clearly Audible
35 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	57	13	Clearly Audible
19 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	57	13	Clearly Audible
27 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	57	13	Clearly Audible
27 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	56	12	Clearly Audible
47 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	56	12	Clearly Audible
75 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	56	12	Clearly Audible

Results by Receiver

Facade/Floor: Show, Minimum floor to show: 0

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
52-54 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	56	12	Clearly Audible
29 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	56	12	Clearly Audible
23 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	56	12	Clearly Audible
47 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	55	11	Clearly Audible
22 TABER ST, URANQUINTY NSW 2652	RES	NCA09	44	55	11	Clearly Audible
67 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	55	11	Clearly Audible
URANQUINTY PUBLIC SCHOOL 67 PEARSON ST, URANQUINTY NSW 2652	OED	NCA09	55	66	11	Clearly Audible
7 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	55	11	Clearly Audible
22 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	55	11	Clearly Audible
25 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	55	11	Clearly Audible
43-45 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
37 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
18 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
31 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
7 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
4 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
41 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
11 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
20 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
6 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
39 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
66 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
50 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
9 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	54	10	Clearly Audible
2A URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	53	9	Clearly Audible
33 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	53	9	Clearly Audible
9 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	53	9	Clearly Audible
10 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	53	9	Clearly Audible
2 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	53	9	Clearly Audible
44 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	53	9	Clearly Audible
13 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
URANQUINTY PUBLIC SCHOOL 67 PEARSON ST, URANQUINTY NSW 2652	OED	NCA09	55	63	8	Clearly Audible
14 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
12 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible

Results by Receiver

Facade/Floor: Show, Minimum floor to show: 0

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
8 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
28 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
6 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
39 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
59-61 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
16 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
3 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
41 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
46 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
30 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
3 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
16 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
12 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
26 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
48 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	52	8	Clearly Audible
13 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
71-73 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
10 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
URANQUINTY PUBLIC SCHOOL 67 PEARSON ST, URANQUINTY NSW 2652	OED	NCA09	55	62	7	Clearly Audible
18 TABER ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
45 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
17 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
16 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
43 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
11 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
14 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
37 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
42-44 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
58 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
47 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
37 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
22 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	51	7	Clearly Audible
29 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
31 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
31-33 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible

Results by Receiver

Facade/Floor: Show, Minimum floor to show: 0

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
13 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
16 TABER ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
2 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
38-40 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
11 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
35 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
25-27 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
63-65 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
54-56 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
59-61 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
17-19 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
5 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
48 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	50	6	Clearly Audible
23 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	49	5	Noticeable
9 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	49	5	Noticeable
30 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	49	5	Noticeable
5 URANQUINTRY ST, URANQUINTY NSW 2652	RES	NCA09	44	49	5	Noticeable
80 CONNORTON ST, URANQUINTY NSW 2652	OCC	NCA09	45	50	5	Noticeable
62-64 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	49	5	Noticeable
27 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	49	5	Noticeable
10 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	49	5	Noticeable
51 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	49	5	Noticeable
12 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
33 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
20 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
32 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
10-16 BAKER ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
34-36 BAKER ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
35 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
37 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
8 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
30 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
30-32 BAKER ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
18 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
23-25 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable

Results by Receiver

Facade/Floor: Show, Minimum floor to show: 0

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
22 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
24 TABER ST, URANQUINTY NSW 2652	RES	NCA09	44	48	4	Noticeable
3 BRIDGE ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
1 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
4 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
57 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
11 READ ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
67 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
URANQUINTY PUBLIC SCHOOL 67 PEARSON ST, URANQUINTY NSW 2652	OED	NCA09	55	58	3	Noticeable
17 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
24 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
8 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
24 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
14 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
18-20 BAKER ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
6 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
21 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
45 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
15 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
10 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
26 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
3 HARDIMAN ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
41 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
3 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
2 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
2 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
29 BAKER ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
39 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
41 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	47	3	Noticeable
33 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
59 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
4 HARDIMAN ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
28 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
26 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
17 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable

Results by Receiver

Facade/Floor: Show, Minimum floor to show: 0

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
19 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
26 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
7 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
26-28 BAKER ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
42-44 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
15 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
24 SPAUL ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
2 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
4 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
18 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
7 BEN ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
12 BEN ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
6 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
14 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
9 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
9 HARDIMAN ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
16 HARDIMAN ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
34 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
26 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
7 HARDIMAN ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
13-15 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
9-11 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
7 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
1 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
16 YARRAGUNDRY ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
15 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
20 TABER ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
28 GUTTLER ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
46 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
13 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
12 MORGAN ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
75 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
29 BAKER ST, URANQUINTY NSW 2652	RES	NCA09	44	46	2	Noticeable
25 BAKER ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
63 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable

Results by Receiver

Facade/Floor: Show, Minimum floor to show: 0

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
51 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
1 READ ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
5 CHURCHES PLAIN RD, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
11 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
34 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
22-24 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
2A O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
20 BRIDGE ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
10 BRIDGE ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
13 PEARSON ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
49 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
40 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
131 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
14-16 KING ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
8 HARDIMAN ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
11 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
16 BRIDGE ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
65 CONNORTON ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
38 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
53 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
10 BEST ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
43 O'CONNOR ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
5 HARDIMAN ST, URANQUINTY NSW 2652	RES	NCA09	44	45	1	Noticeable
79 Connorton St, Uranquinty NSW 2652	RES	NCA09	44	45	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



MARTINUS 

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