Westlink M7 Widening

Division 5.2 Approval

Consistency assessment report

Proposed changes to the approved construction footprint – Tranche 3 (Including Addendum)

Transport for NSW | January 2025

Transport for NSW | May 2025 (Addendum update)

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Revision	Date	Prepared by	Reviewed by	**Description**
Rev 1	26/07/24	[redacted]		Initial draft for review
Rev 2	9/09/2024			Updated to address comments
Rev 3	14/11/2024			Updated to address comments
Rev 4	10/12/2024			Updated to address comments
Rev 5	10/01/2024			Final submission for approval
Rev 6 – Addendum	02/06/2025			Update to include additional area. See Appendix D – CA019 Addendum for signatures associated with updated scope.

Contents

Contents ..... **i**

1. Introduction **1**

1.1 Background 1

1.2 The approved project description 2

1.3 Purpose of consistency assessment 3

2. Proposed change **4**

2.1 Description of proposed change 4

2.2 Need 9

3. Consultation **15**

3.1 Planning stage consultation 15

3.2 Ongoing consultation 15

4. Environmental assessment **17**

4.1 Screening assessment 17

4.2 Biodiversity 29

4.3 Traffic and transport 36

4.4 Noise and vibration 40

4.5 Land use and property 60

4.6 Soils and contamination 62

4.7 Aboriginal heritage 64

5. Consistency assessment – the Division 5.2 Approval **66**

5.1 Minister's Conditions of Approval 66

5.2 Statement of Commitments / environmental management measures 122

5.3 Project objectives 139

5.4 Consistency questions – the Division 5.2 Approval 139

6. Conclusion **141**

7. Other considerations **142**

7.1 Permits, licenses and other approvals 142

8. Certification **143**

Tables

Table 2-1: Proposed change description 1
Table 2-2: Proposed change site justification 11
Table 4-1: Applicable environmental factors 18
Table 4-2: Description of vegetation within the proposed change sites 29
Table 4-3: Assessment of proposed change impacts on terrestrial biodiversity 31
Table 4-4: Construction vehicles required for proposed change 37
Table 4-5: Summary of noise modelling parameters 40
Table 4-6: Construction noise assessment and consistency assessment on construction noise impacts for proposed change sites 50
Table 4-7: Safe working distances for vibration intensive plant 58
Table 5-1: Consistency against relevant Minister's conditions of approval for the project (Schedule 1) 66
Table 5-2: Consistency against relevant Minister's conditions of approval for the project (Schedule 2) 69
Table 5-3: Consistency against relevant Statement of Commitments / environmental management measures 122
Table 5-4: Division 5.2 Approval consistency questions 139
Table 7-1: Comparison of permits, licences and approvals requirements 142

Figures

Figure 2-1: Overview of proposed change 5
Figure 2-2: Proposed change – Sites 4 and 5 (located approximately 0.5km south of M4) 1
Figure 2-3: Proposed change – Sites 8 and 9 (located approximately 1km south of M4) 2
Figure 2-4: Proposed change – Site 10 (located west of Cecil Hills suburb and approximately 1.6km south of Elizabeth Drive) 3
Figure 2-5: Proposed change – Site 11 (located approximately 2.5km south of Elizabeth Drive and north westerly adjacent to Elizabeth Hills) 4
Figure 2-6: Proposed change – Site 12 (located approximately 2.5km south of Elizabeth Drive and north westerly adjacent to Elizabeth Hills) 5
Figure 2-7: Proposed change – Site 15 (located in Middleton Grange) 6
Figure 2-8: Proposed change – Site 19 (located approximately 0.6km north of M5 in the suburb of Prestons) 7
Figure 2-9: Proposed change – Site 20 (located in southern area of Elizabeth Hills) 8
Figure 4-1: M7 Landuse and NCAs 1 of 7 (Source: CNVMP, May 2023) 42
Figure 4-2: M7 Landuse and NCAs 2 of 7 (Source: CNVMP, May 2023) 43
Figure 4-3: M7 Landuse and NCAs 3 of 7 (Source: CNVMP, May 2023) 44
Figure 4-4: M7 Landuse and NCAs 4 of 7 (Source: CNVMP, May 2023) 45
Figure 4-5: M7 Landuse and NCAs 5 of 7 (Source: CNVMP, May 2023) 46
Figure 4-6: M7 Landuse and NCAs 6 of 7 (Source: CNVMP, May 2023) 47
Figure 4-7: M7 Landuse and NCAs 7 of 7 (Source: CNVMP, May 2023) 48

Appendices

Appendix A	Ecology memo
Appendix B	Heritage memo
Appendix C	Noise and Vibration assessment
Appendix D	CA019 Addendum

Terms

Westlink M7	The Western Sydney Orbital project (DPE reference number SSI-663)
Approved project	Modification 6 (SSI-663-Mod-6), also referred to as M7 Widening. Approved 17 February 2023 under section 5.25 of the EP&A Act to construct and operate an additional lane in both directions within the existing Westlink M7 median from Prestons to Oakhurst/Glendenning, excluding at the Westlink M7/M4 Motorway (Light Horse) Interchange.
Proposed change	The proposed changes to the approved project that are subject to this consistency assessment.

1. Introduction

1.1 Background

Transport for NSW (TfNSW) completed an environmental assessment for the construction and operation of the Western Sydney Orbital in 2002 (now known as the Westlink M7). Approval was granted on 28 February 2002 under Division 4, Part 5 of the *Environmental Planning and Assessment Act 1979* (NSW) (EP&A Act) (DPE reference number SSI-663). The Environmental Impact Statement (EIS) (Roads and Transport Authority (RTA), 2000) identified a range of environmental, social, and planning issues associated with the construction and operation of the Westlink M7 and outlined measures to mitigate and manage those potential impacts.

The EIS was publicly exhibited between January 2001 and March 2001. Following public exhibition, submissions from stakeholders were received and addressed by TfNSW in the Submissions Report. Construction activities commenced in 2003, and the and the Western Sydney Orbital opened to traffic in December 2005.

By Order of the Minister for Planning, the original approval for the Western Sydney Orbital (now known as the Westlink M7) was made subject to the current State Significant Infrastructure (SSI) provisions of the EP&A Act (Division 5.2, Part 5) on 26 April 2019. As such, the Westlink M7 is considered to be State Significant Infrastructure (SSI) under the EP&A Act.

Six modifications to the Westlink M7 have been approved, and are summarised as follows:

- Modification 1: Approved 19 June 2003 under the then section 115BAA of the EP&A Act to correct several minor misdescriptions in the Conditions of Approval (CoA) relating to pre-construction requirements, and to clarify the timing of stormwater management requirements
- Modification 2: Approved 4 May 2004 under the then section 115BAA of the EP&A Act to correct several minor errors resulting in inconsistencies between CoA
- Modification 3: Approved 25 August 2004 under the then section 115BAA of the EP&A Act to correct a minor error resulting in an inconsistency between CoA and to correct references to the Minister
- Modification 4: Approved 24 January 2006 under the then section 75W of the EP&A Act to delete condition 115(a), requiring the grade separated pedestrian/bicycle access (shared path) within the road reserve at Mavis Street, Rooty Hill (incorporating Angus Creek crossing and access to Aquilina Reserve), thus removing this access point
- Modification 5: Approved 18 July 2019 under section 5.25 of the EP&A Act to delete condition 66 which prohibits commercial advertising within the road reserve
- Modification 6: Approved 17 February 2023 under section 5.25 of the EP&A Act to construct and operate an additional lane in both directions within the existing Westlink M7 median from Prestons to Oakhurst/Glendenning, excluding at the Westlink M7/M4 Motorway (Light Horse) Interchange (the approved project).

  The approval of Modification 6 incorporated revised conditions of approval (CoA). Modification 6 (referred to herein as M7 Widening, approved project) must be carried out in accordance with the CoA as described in CoA 1A and generally in accordance with the Westlink M7 Widening Modification 6 Report (Modification 6 Report) (August 2022) and Westlink M7 Widening Submissions Report (November 2022).

Modification 7 is currently being prepared to address the expansion of the project footprint to include additional areas that contain threatened species.

For the purposes of this CA, the Approval issued by the NSW Minister for Planning for the approved project is referred to as the Division 5.2 Approval.

Since approval of Modification 6 Report, further changes to the construction footprint have been identified. These changes are required to provide sufficient land to facilitate safe site access for construction activities

as well as provide space for laydown areas and drainage works. As such, this CA has been prepared to assess proposed amendments the approved construction footprint.

A description of the approved project is provided in section 1.2 and a description of the proposed change is discussed in section 2.

1.2 The approved project description

The implementation of the approved project would permit the addition of a trafficable lane in both directions of the Westlink M7 between Prestons and Oakhurst/Glendenning, excluding the Westlink M7/M4 Motorway (Light Horse) Interchange.

The approved project would include the following key features:

- Widening of the motorway into the existing median for a length of about 26 kilometres along the Westlink M7, from about 140 metres south of the Kurrajong Road overhead bridge at Prestons (southern end) to the Richmond Road interchange in Oakhurst/Glendenning (northern end), excluding at the Westlink M7/M4 Motorway (Light Horse) Interchange
- Widening the exit from the Westlink M7 northbound onto the M4 Motorway westbound from one lane to two lanes
- Widening of 43 existing northbound and southbound bridges on the Westlink M7 at 23 locations within the centre median, and on the outside of the bridges on the approach to the M4 Motorway from Old Wallgrove Road
- Upgrades, additions and modifications to noise walls
- Utility works and upgrades to drainage
- Intelligent Transport System (ITS) installations, adjustments and relocations to cover the new lane configurations.

The following activities are required to facilitate construction of the approved project:

- Establishment of ‘zone’ construction ancillary facilities within and adjacent to Westlink M7 for stockpiling, construction support at bridge and median widening locations, project offices and compounds, as well as ‘site’ ancillary facilities within the existing motorway alignment
- Vegetation clearing within the median/widening areas and within construction ancillary facilities (including for construction access)
- Demolition of existing structures and infrastructure within the widening areas
- Provision of temporary water management infrastructure including the maintenance of stormwater drainage and establishment of waterway crossings and diversions
- Utility works within Westlink M7 and adjoining roads, particularly around existing motorway bridge substructures
- Earthworks for bridge and road widening within the existing median, and placement and compaction of fill material likely to result in a net amount of spoil material
- Bridge widening including establishment of sub-structures such as piles, abutments, piers and headstocks and super-structures including beams, girders, decks and barriers
- Pavement widening works within the road median
- Finishing works including asphalting the carriageway surface, line marking, signage, permanent barriers and median infill, installation of communications infrastructure and landscaping treatments.

1.3 Purpose of consistency assessment

The purpose of this consistency assessment is to:

- Describe the proposed change relative to the Division 5.2 Approval
- Assess the environmental impacts associated with the proposed change relative to the Division 5.2 Approval
- Determine if the proposed change is consistent with the Division 5.2 Approval or whether further approval is required either for a modification application or a new project.

2. Proposed change

2.1 Description of proposed change

The proposed change includes amendments to the approved project construction footprint at 10 discrete sites. Further construction planning revealed that additional space is required to carry out previously approved construction activities identified in Modification 6 (including access, construction of a drainage basin and adjustment of the construction footprint). These activities are consistent with the approved project; however, their areas were not included within the construction footprint. This consistency assessment seeks approval of these additional areas being part of the approved construction footprint.

For some sites, temporary access will be required through land owned by a number of parties, including TfNSW and Liverpool City Council, during construction phase only. However, the permanent works associated with the proposed change would only be located on land owned by TfNSW.

Following consistency assessment approval (or as otherwise approved via another approval mechanism) and prior to construction, Detailed Site Investigations (DSI) will be undertaken for some of the basins.

An overview of the location of each site is shown in Figure 2-1, with the details of the proposed changed outlined in Table 2-1. A more detailed figure series of each site is provided in Figure 2-2 to Figure 2-9.

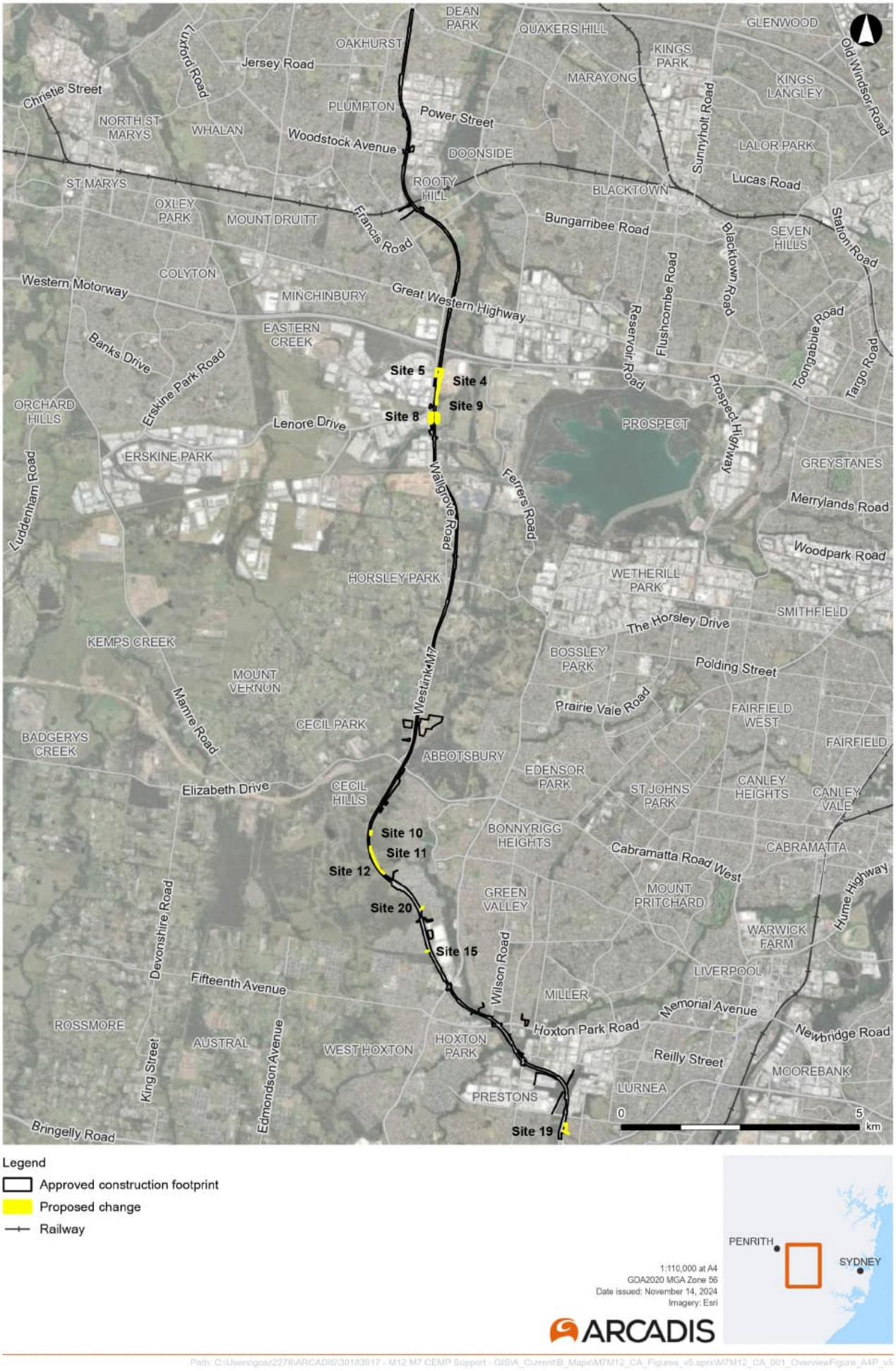
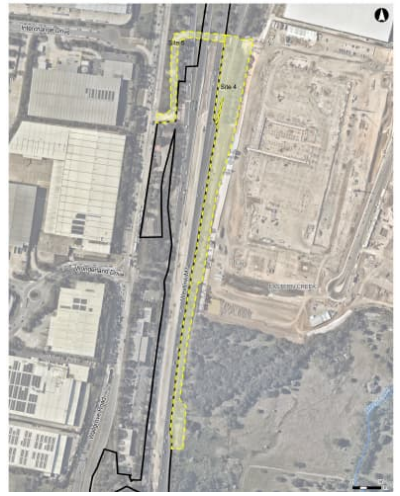


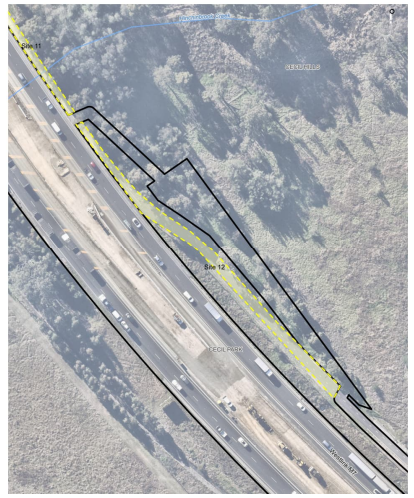
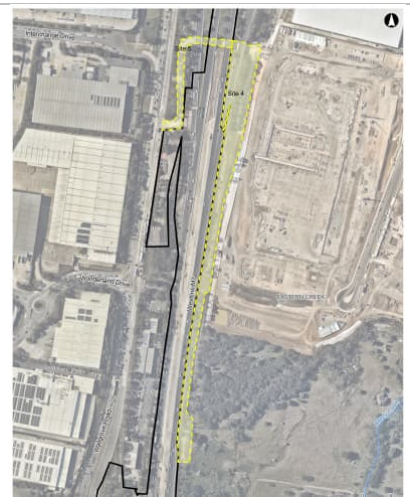
Figure 2-1: Overview of proposed change

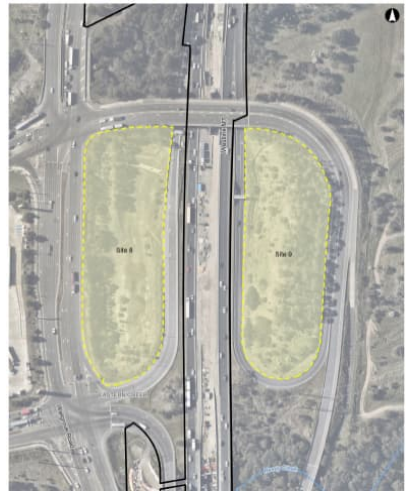
Table 2-1: Proposed change description

Category	Reason for additional area	Description of activities	Site ID	Figure
Boundary realignment for construction access	Access to noise wall via existing maintenance access	• Use of the existing maintenance access track at Site 15 (from Hemsworth Avenue, Middleton Grange) enables access for the construction of a noise wall. • Construction activities are likely to include: o Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. densely graded base (DGB) or similar) o Importation and laydown of plant, equipment and materials o Vegetation clearing/trimming o Installation of the noise wall adjacent to motorway o Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction. In addition to the construction of the noise wall this access is likely to be used during other construction activities (e.g. for installation of utilities).	15	
	Access to noise wall via existing maintenance access	• Preparation of the access track at Site 19 (Barcelona Drive) is required prior to using this area for construction access. • Construction activities are likely to include: o Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. DGB or similar) o Importation and laydown of plant, equipment and materials o Laydown for plant, materials and equipment o Vegetation clearing/trimming o Installation of the noise wall adjacent to motorway o Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction.	19	

Category	Reason for additional area	Description of activities	Site ID	Figure
		This access is likely to be used during other construction activities in addition to the construction of the noise wall (e.g. for installation of utilities).		
	Noise wall access via Shared User Path (SUP)	• Access required via SUP to allow access for construction of noise wall. • Construction activities are likely to include: o Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. DGB or similar) and importation of material/plant and equipment o Laydown for plant, materials and equipment o Vegetation clearance/trimming o Installation of noise wall adjacent to motorway o Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction. This access is likely to be used during other construction activities in addition to the construction of the noise wall (e.g. for installation of utilities).	20	

Category	Reason for additional area	Description of activities	Site ID	Figure
	Access to drainage works and potential rectification works required post-construction	• Access to construction sites is required via an existing access track from Wallgrove Road which goes through an underpass of the M7 Motorway. This underpass allows an east/west connection from Wallgrove Road (western side) to construction sites on the eastern side of the motorway (including connection to Site 4). • Construction activities are likely to include: o Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. DGB or similar) o Importation and laydown of plant, equipment and materials o Vegetation clearing/trimming o Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction. This access is likely to be used during other construction activities in addition to the drainage basin for Site 4 (e.g. for installation of utilities).	5	
	Access to drainage works via SUP and potential rectification works required post-construction	• Use of the SUP at Sites 11 and 12 will provide access for the construction of drainage works at Site 10. In addition, Site 11 will provide an additional area for material laydowns. • Construction activities are likely to include: o Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. DGB or similar) o Importation and laydown of plant, equipment and materials o Vegetation clearing/trimming o Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction. This access is likely to be used during other construction activities in addition to the construction of the drainage basin at Site 10 (e.g. for installation of utilities).	11, 12	Site 11 

Category	Reason for additional area	Description of activities	Site ID	Figure
				Site 12 
Boundary realignment for drainage works	Access and drainage works	• Use of existing access track (M7 Motorway underpass from Wallgrove Road) as well installation of temporary pavement to allow access for investigation works and installation of drainage basin. • Construction activities are likely to include: o Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. DGB or similar) o Importation and laydown of plant, equipment and materials o Site investigation and geotechnical investigations o Vegetation clearing/trimming o Installation/construction of drainage package (i.e. the basin) o Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction. This access is likely to be used during other construction activities in addition to the construction of drainage basin (e.g. for installation of utilities).	4	

Category	Reason for additional area	Description of activities	Site ID	Figure
	Drainage basin construction	• Construction activities are likely to include: o Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. DGB or similar) o Importation and laydown of plant, equipment and materials o Site investigation and geotechnical investigations o Vegetation clearing/trimming o Installation/construction of drainage package (i.e. the basin) o Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction.	8, 9	Site 8 left and Site 9 right 
	Drainage swale construction	• Construction activities are likely to include: o Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. DGB or similar) o Importation and laydown of plant, equipment and materials o Site investigation and geotechnical investigations o Vegetation clearance/trimming o Installation/construction of drainage package (i.e. the swale) o Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction.	10	

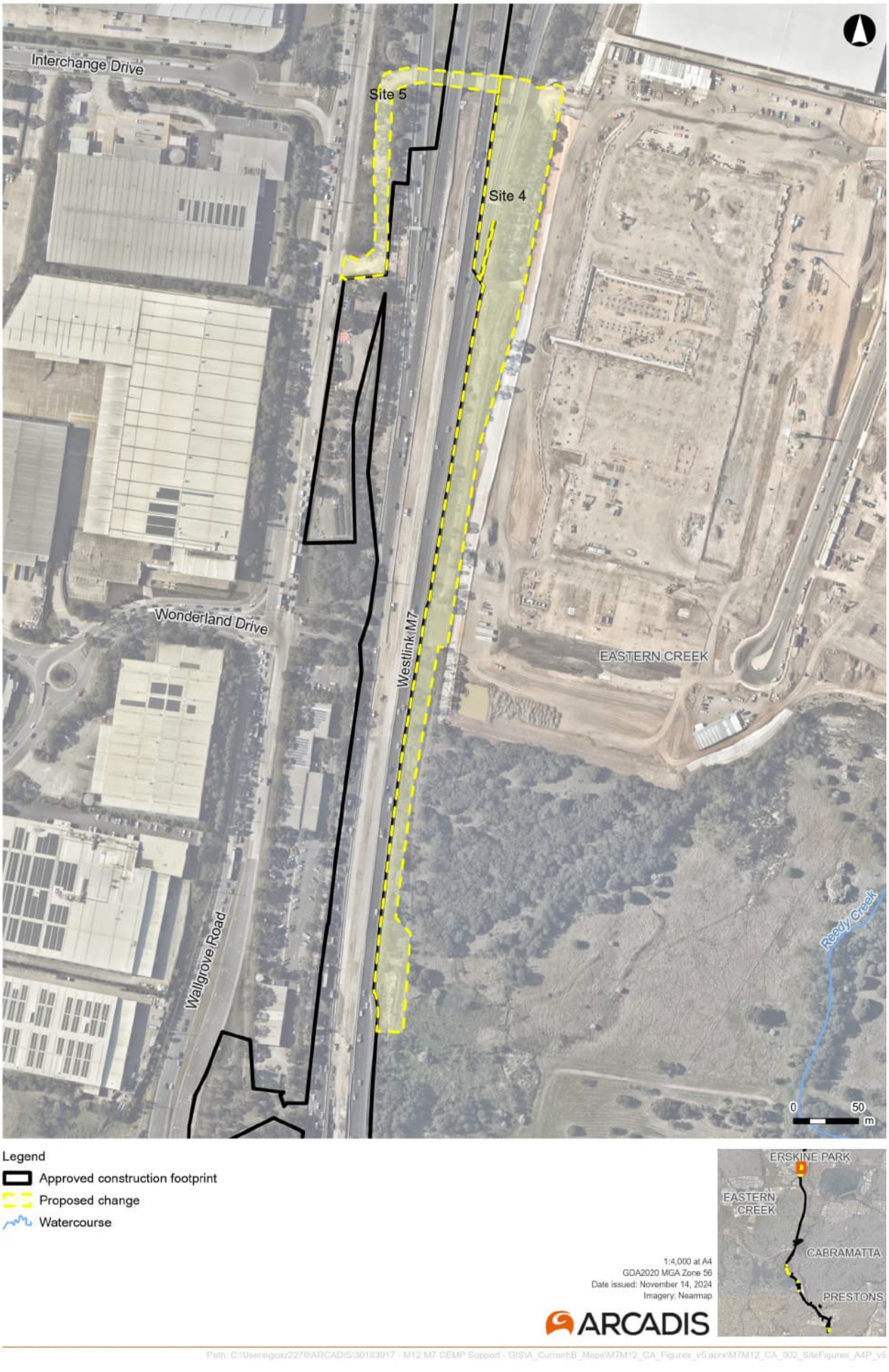


Figure 2-2: Proposed change – Sites 4 and 5 (located approximately 0.5km south of M4)

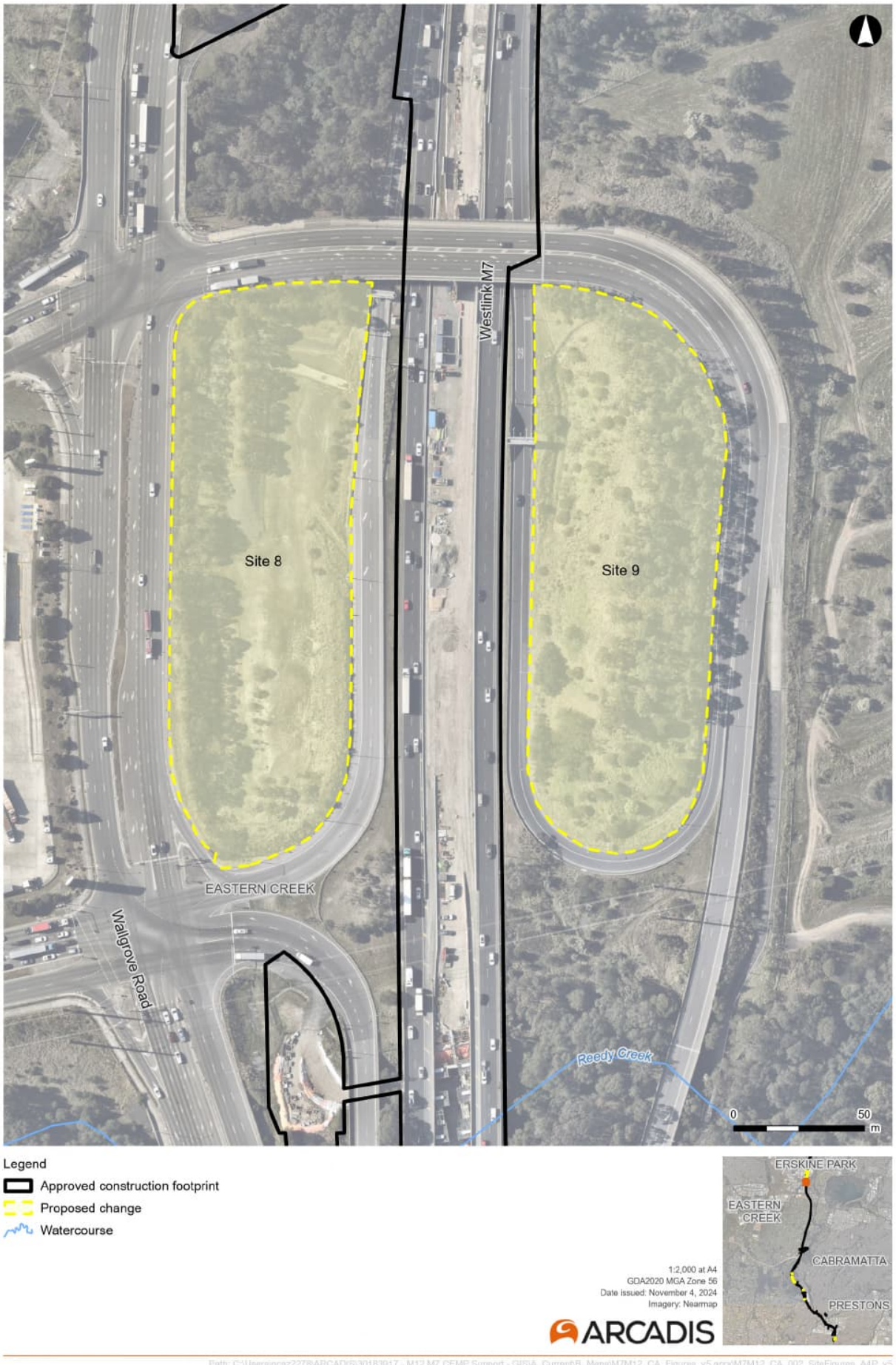


Figure 2-3: Proposed change – Sites 8 and 9 (located approximately 1km south of M4)



Figure 2-4: Proposed change – Site 10 (located west of Cecil Hills suburb and approximately 1.6km south of Elizabeth Drive)

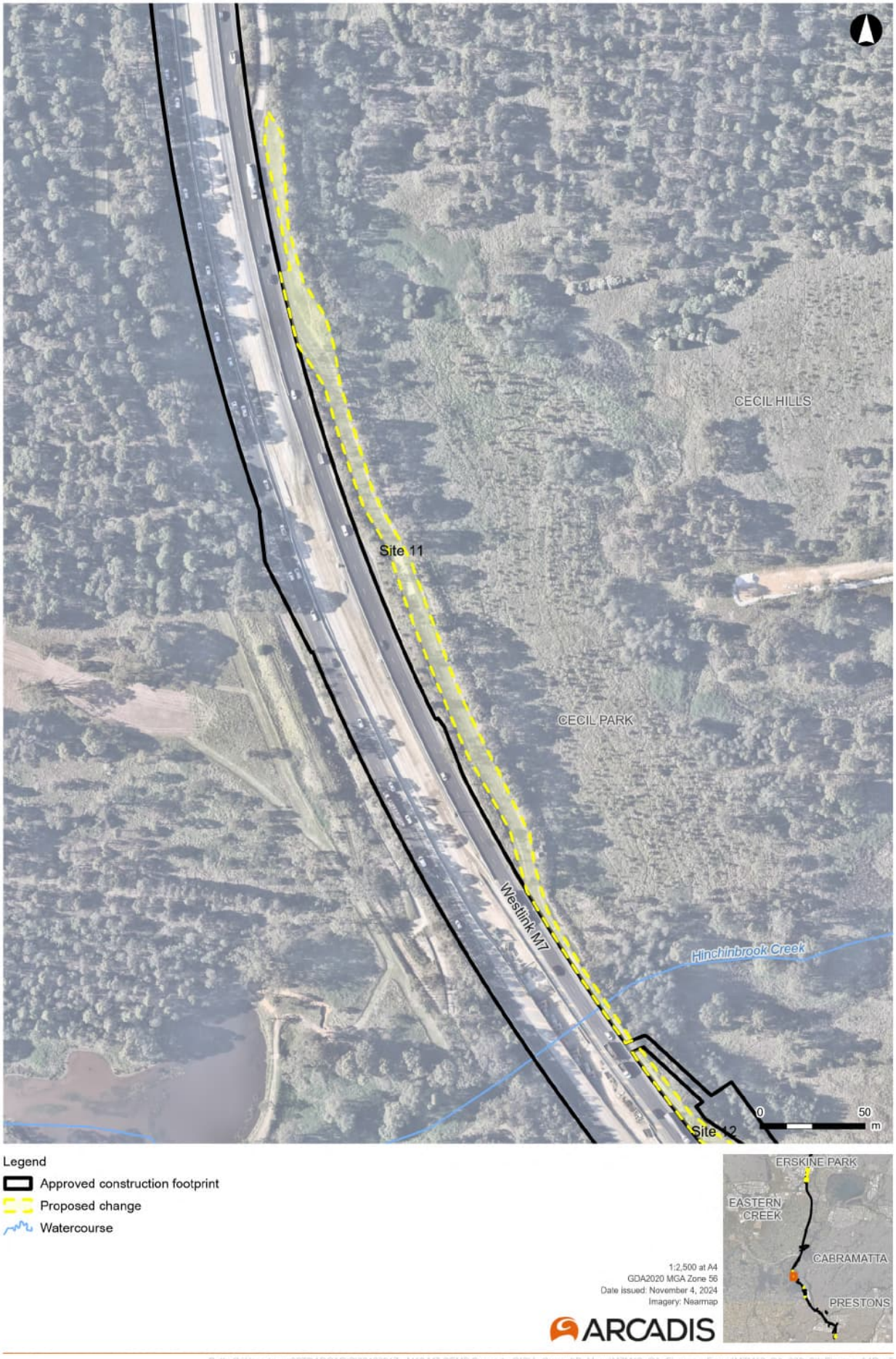


Figure 2-5: Proposed change – Site 11 (located approximately 2.5km south of Elizabeth Drive and north westerly adjacent to Elizabeth Hills)

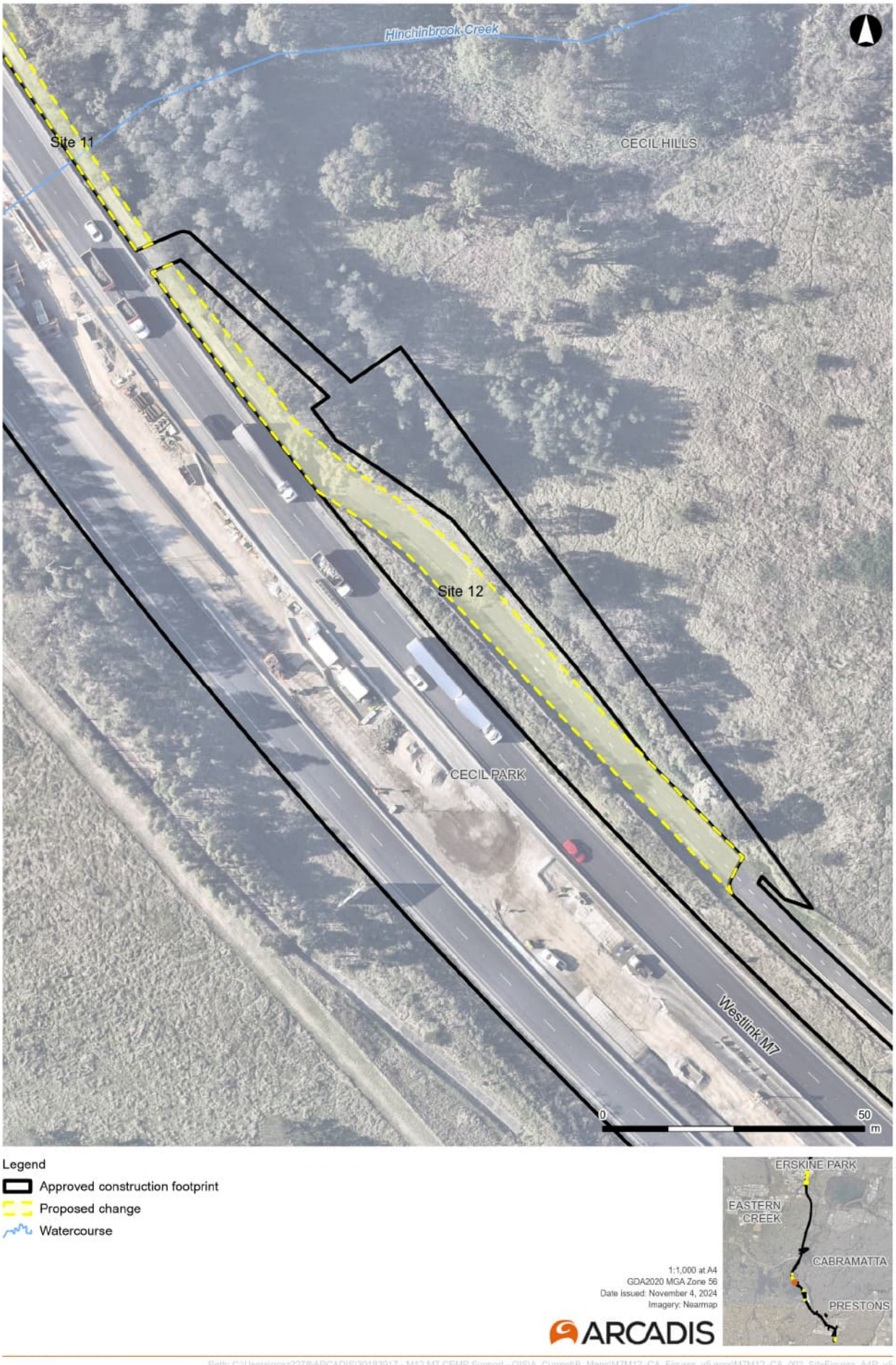


Figure 2-6: Proposed change – Site 12 (located approximately 2.5km south of Elizabeth Drive and north westerly adjacent to Elizabeth Hills)



Figure 2-7: Proposed change – Site 15 (located in Middleton Grange)



Figure 2-8: Proposed change – Site 19 (located approximately 0.6km north of M5 in the suburb of Prestons)

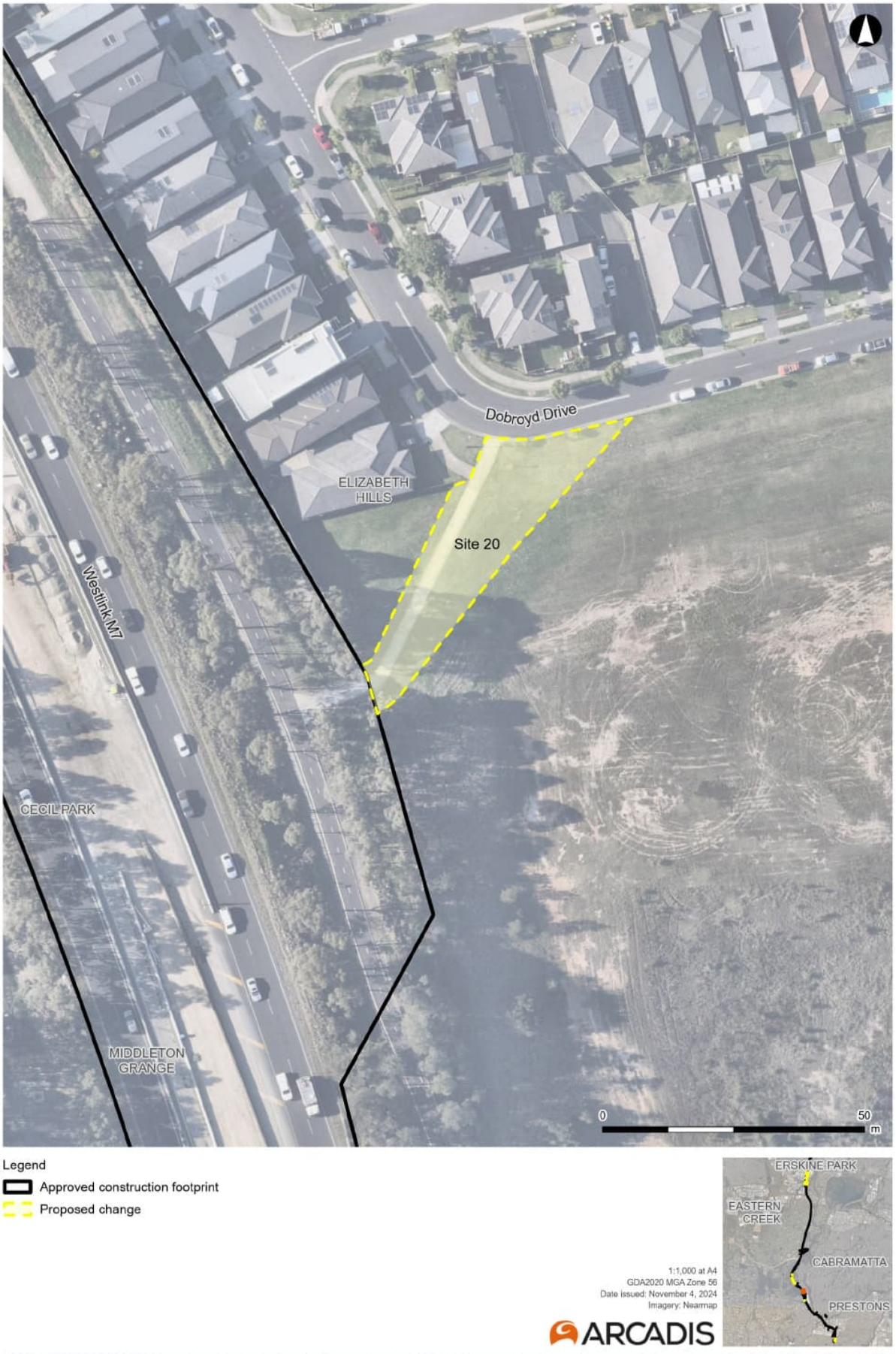


Figure 2-9: Proposed change – Site 20 (located in southern area of Elizabeth Hills)

Where a minor construction ancillary facility (MCAF) is required (e.g. within Site 11 to allow for movement of soil during the construction of the basin in Site 10), these will provide space for general material and plant laydown, ablutions and a lunch shed. They will be undertaken in accordance with CoA A11 which requires the MCAF to be within or immediately adjacent to the construction boundary and be assessed by the Environmental Representative.

The total construction footprint of the approved project is about 155 hectares. This calculation includes required ancillary facilities and removal of offset areas that are no longer required and, as such, are now excluded from the construction footprint. The total additional area required for the proposed change (as described in and areas summarised in Table 2-2) is about 6.02 hectares. Therefore, the proposed change would result in the construction footprint increasing by around 3.9 per cent.

2.2 Need

Since project approval, further detailed construction planning has resulted in the identification of 10 locations outside the approved construction footprint that are required to construct the project. The construction footprint of the approved project did not allow sufficient area for essential construction activities, as well as access, to occur safely. Therefore, these adjustments are necessary to allow for the efficient and safe construction of the approved project, and specifically are needed to support:

- **Boundary realignment for construction access:** The approved construction footprint for the approved project did not allow sufficient space to access construction activities identified in the Modification 6 Report. For example, the construction boundary defined in the Modification 6 Report (referred to as the project construction footprint) did not provide area for access to noise wall sites and drainage works, nor did it provide sufficient area for rectification works required post-construction. These works are required to be in accordance with the following:
  - Condition of Approval (CoA) 146A states that drainage works carried out as a part of the project are required to meet *NSW Water Quality Objectives* (NZG 2018), and where relevant the *Performance Criteria for Protecting and Improving the Blue Grid in the Wianamatta – South Creek Catchment* (DPIE, 2021). To meet these standards, the construction of a drainage basin at Sites 4, 8 and 9 and a drainage swale at Site 10 are required. Sites 5, 11 and 12 are required to provide access to other drainage works carried out within the project construction boundary.
  - CoA D30 states that Modification 6 must be built to limit impacts on flooding characteristics in areas outside the project boundary during any flood event up to and including the 1% AEP flood event. Drainage works at Sites 8, 9 and 10 and access to drainage works via Sites 4, 5, 11 and 12 are required to meet this CoA.
  - Existing basin capacity is to be upgraded to meet Scope of Works and Technical Criteria (SWTC) contract App B.7 Cl 7f)(iv). Capacity is to be gained by deepening the basin and improving the existing drainage channels leading to these basins. Sites 4, 5, 11 and 12 are required to provide access to drainage works carried out within the project construction boundary.
  - CoA 96A identifies the need for Operational Noise Mitigation Measures, including noise walls. Sites 15, 19 and 20 are required to provide access to noise walls constructed within the project construction boundary.

  Access to Sites 4, 5, 11, 12, 15, 19 and 20 are likely to be needed during other construction activities in addition to the construction of the noise walls and drainage basins (e.g. for installation of utilities). As such their inclusion within the construction footprint will enable access to these areas for the remainder of the M7 Widening project.
- **Boundary realignment for drainage works:** Detailed construction planning which included flood modelling revealed that additional land adjacent to the construction footprint is required for the construction of drainage infrastructure including drainage basins and a swale. The inclusion of these additional drainage basins and swale will assist in achieving the requirements of CoA 146A and D30 mentioned above.

- **Boundary realignment for material laydown:** Detailed construction planning revealed that additional land adjacent to the construction footprint in Site 10 is required for a laydown area. As described in Table 2-1 this laydown area will be a MCAF will include space for general material and plant laydown, ablutions and a lunch shed. This MCAF will be approved separately and endorsed by the Environmental Representative (ER).

Table 2-2 provides further detail on the justification for each proposed change site. In addition, Table 2-2 provides a summary of the additional areas determined as necessary, as well as a high-level assessment of the need and compliance with CoA and Revised Environmental Mitigation Measures (REMMs).

Table 2-2: Proposed change site justification

Site ID	Location	Area (ha)	Owner	Need	Compliance considerations for Approved Project
4	101 Wallgrove Road, Eastern Creek NSW 2766 Part of Lot 4/DP1041745	1.78	TfNSW	Additional land (part of which includes an existing access road) is required east of the approved project to provide access to and upgrade of existing drainage basins located south of the M4 ramp, which forms part of the approved project. In addition to providing access for construction of the drainage basin, this site is likely to be needed for other activities once included within the construction footprint.	Works required to assist in satisfying CoA D30 (flood mitigation) and CoA 146A (water quality). REMM SW1 (implementation of soil and water management plan). Capacity of basins required to meet Scope of Works and Technical Criteria (SWTC) contract App B.7 Cl 7f)(iv).
5	101 Wallgrove Road, Eastern Creek NSW 2766 Part of Lot 4/DP1041745	0.3	TfNSW	Additional land is required west of the approved project to provide access to drainage works, which forms part of the approved project, and sufficient space for potential rectification works required post-construction. In addition to providing access for construction of the drainage basin, this site is likely to be needed for other activities once included within the construction footprint.	Works required to assist in satisfying CoA D30 (flood mitigation) and CoA 146A (water quality). REMM SW1 (implementation of soil and water management plan). Capacity of basins required to meet Scope of Works and Technical Criteria (SWTC) contract App B.7 Cl 7f)(iv).

Site ID	Location	Area (ha)	Owner	Need	Compliance considerations for Approved Project
8	101 Wallgrove Road, Eastern Creek NSW 2766 Part of Lots 3/DP1117825 and 13/DP1049029.	1.47	TfNSW	Flood modelling revealed that additional land west of the construction footprint is required for the construction/upgrade of a drainage basin.	Works required to assist in satisfying CoA D30 (flood mitigation) and CoA 146A (water quality). REMM SW1 (implementation of soil and water management plan). Capacity of basins required to meet Scope of Works and Technical Criteria (SWTC) contract App B.7 Cl 7f)(iv).
9	101 Wallgrove Road, Eastern Creek NSW 2766 Part of Lot 13/DP1049029	1.39	TfNSW	Flood modelling revealed that additional land east of the construction footprint is required for the construction/upgrade of a drainage basin.	Works required to assist in satisfying CoA D30 (flood mitigation) and CoA 146A (water quality). REMM SW1 (implementation of soil and water management plan). Capacity of basins required to meet Scope of Works and Technical Criteria (SWTC) contract App B.7 Cl 7f)(iv).
10	Elizabeth Drive Cecil Hills NSW 2171 Part of Lot 12/DP1041391	0.13	TfNSW	Flood modelling revealed that additional land west of the construction footprint is required for the construction/upgrade of a drainage swale.	Works required to assist in satisfying CoA D30 (flood mitigation) and CoA 146A (water quality). REMM SW1 (implementation of soil and water management plan). Capacity of basins required to meet Scope of Works and Technical Criteria (SWTC) contract App B.7 Cl 7f)(iv).

Site ID	Location	Area (ha)	Owner	Need	Compliance considerations for Approved Project
11	Elizabeth Drive Cecil Hills 2171 and Ivor Avenue Middleton Grange 2171 Part of Lots 12/DP1041391 and 24/DP1042996	0.36	TfNSW	Flood modelling identified additional land is required west of the approved project to provide access via the SUP to drainage works, which forms part of the approved project, and sufficient space for a material laydown area and potential rectification works required post-construction. In addition to providing access for construction of the drainage basin, this site is likely to be needed for other activities once included within the construction footprint.	Works required to assist in satisfying CoA D30 (flood mitigation) and CoA 146A (water quality). REMM SW1 (implementation of soil and water management plan). Capacity of basins required to meet Scope of Works and Technical Criteria (SWTC) contract App B.7 Cl 7f)(iv).
12	Ivor Avenue Middleton Grange 2171 Part of Lot 24/DP1042996	0.1	TfNSW	Flood modelling identified that additional land is required west of the approved project to provide access via the SUP to drainage works, which forms part of the approved project, and sufficient space for potential rectification works required post-construction. In addition, to providing access for construction of the drainage basin, this site is likely to be needed for other activities once included within the construction footprint.	Works required to assist in satisfying CoA D30 (flood mitigation) and CoA 146A (water quality). REMM SW1 (implementation of soil and water management plan). Capacity of basins required to meet Scope of Works and Technical Criteria (SWTC) contract App B.7 Cl 7f)(iv).
15	Hemsworth Avenue Middleton Grange 2171 Part of Lot 199/DP280017	0.03	Liverpool City Council	The approved construction footprint for the approved project did not allow sufficient space to access to noise wall sites, and sufficient space for potential rectification works required post-construction. In addition to providing access for construction of the noise wall, this site is likely to be needed for other construction activities once included within the construction footprint.	CoA 96A – Operational Noise Review Noise barriers REMM NV1 (implementation of Construction Noise and Vibration Management Plan) and NV7 (measures to minimise noise during construction)

Site ID	Location	Area (ha)	Owner	Need	Compliance considerations for Approved Project
19	Barcelona Drive Prestons, NSW 2070 Part of Lots 44/DP1278680, 45/DP1278680, 46/DP1278680, 19/DP1201166 and part of Barcelona Drive.	0.38	Liverpool City Council	The approved construction footprint for the approved project did not allow sufficient space to access to noise wall sites, and sufficient space for potential rectification works required post-construction. In addition to providing access for construction of the noise wall, this site is likely to be needed for other construction activities once included within the construction footprint.	CoA 96A – Operational Noise Review Noise barriers REMM NV1 (implementation of Construction Noise and Vibration Management Plan) and NV7 (measures to minimise noise during construction)
20	Dobroyd Drive Elizabeth Hills and Cowpasture Road Elizabeth Hills NSW 2171 Part of Lot 101/DP1158385 and SUP adjacent to 113 Dobroyd Drive Elizabeth Hills	0.08	Liverpool City Council	The approved construction footprint for the approved project did not allow sufficient space to access to noise wall sites, and sufficient space for potential rectification works required post-construction. In addition to providing access for construction of the noise wall, this site is likely to be needed for other construction activities once included within the construction footprint.	CoA 96A – Operational Noise Review Noise barriers REMM NV1 (implementation of Construction Noise and Vibration Management Plan) and NV7 (measures to minimise noise during construction)

As above, access to Sites 4, 5, 11, 12, 15, 19 and 20 are likely to be needed during other construction activities in addition to the construction of the noise walls and drainage basins (e.g. for installation of utilities). As such their inclusion within the construction footprint will enable the option for further use for the remainder of the construction works.

3. Consultation

3.1 Planning stage consultation

During the planning stage for the approved project, consultation was undertaken through several tools and methods including:

- Digital channels: Westlink M7 website and TfNSW website
- Print material: notifications, community updates, and factsheets
- Media: advertisements, releases, events
- Social media: social media posts (including sponsored posts)
- Email: response to enquiries, community updates when required
- Face to face engagement: site visits and briefings with key stakeholders
- Consultation with Aboriginal parties
- Project Infoline
- Public exhibition of the modification report.

For a more detailed description of the consultation that was completed for the approved project, refer to chapter 6 of the Modification 6 Report.

3.2 Ongoing consultation

3.2.1 Overall project

As part of the construction phase of the approved project, ongoing consultation will be carried out with the community and relevant stakeholders. This will be done in accordance with the M7-M12 Integration project Communication Management Plan, which includes a complaints management system.

A website providing information in relation to the approved project has been established and will continue to be maintained. It includes information on the current implementation status of the approved project, any notable updates and any documentation relating to approvals.

The link to the approved project website is as follows:
https://www.m7m12integrationproject.com.au/jhg/m7-m12-integration-project

3.2.2 Landowners

As per Table 2-2, TfNSW and Liverpool City Council are landowners of the additional areas included within this CA.

Liverpool City Council (LCC) will be consulted with in relation to Sites 15, 19 and 20 to co-ordinate works and ensure that any concerns from council are mitigated prior to the works.

At the time of this CA, LCC has specifically consulted regarding Site 20. They did not have any concerns regarding the works at this site and only requested that a dilapidation report be provided prior to the works. LCC will be consulted regarding the other two sites when the designs have been finalised.

At the time of this assessment, consultation has not been completed for Sites 15 and 19 as these sites may not be utilised for the Project, however, have been assessed in this consistency assessment as a worst-case scenario. Further consultation and agreement with LCC will be completed for these sites regarding the use of land and licence, lease and/or acquisition requirements. Additional approvals via a new or updated

consistency assessment confirming the outcomes of the consultation is required prior to any work commencing at these sites.

3.2.3 Sensitive Receivers

Consultation with affected sensitive receivers for noise identified in section 4 will be undertaken in accordance with the requirements set out in the Construction Noise and Vibration Management Plan (CNVMP) and the Communication Management Plan (CMP).

3.2.4 Closures of SUP

Construction works within some of the sites will require access through SUPs. To enable works within these areas and communicate SUP closures/diversions, the following forums and methods will be used:

- Traffic Coordination Group (TCG) attended by WSO Co/TfNSW/Transport Management Centre (TMC)/engineers/emergency services which occurs fortnightly
- Traffic and Transport Liaison Group (TTLG) attended by WSO Co/TfNSW/TMC/Emergency services/LGA representatives/Western Sydney Parkland Trust (WSPT)/cycling advocacy groups) which occurs monthly
- WSO Co/TfNSW/JHG Communications meetings which occurs weekly
- WSPT communications and interface meetings which occurs monthly
- Local Government Authority bimonthly meetings
- Information in monthly notifications and interactive map on the project website
- Notifications to local community accessing surrounding roads, where required
- Advance notification signage
- Diversion signage
- Leaflet drops / handouts, where required.

4. Environmental assessment

A consistency assessment has been completed to assess the environmental impacts of the proposed change relative to the environmental impacts of the approved project. This includes reference to environmental impacts detailed in the Environmental Assessment Documentation (EAD) comprising for the Westlink M7 Widening project:

- Modification 6 Report prepared by TfNSW, August 2022
- Submissions Report prepared by TfNSW, November 2022
- Incident Response Bays Consistency Assessment prepared by TfNSW, December 2023
- Changes to the Approved Construction Footprint Consistency Assessment prepared by TfNSW, December 2023)
- Crushing and screening at AF9 Consistency Assessment prepared by John Holland, February 2024
- Changes to the Approved Construction Footprint Tranche 2 Consistency Assessment prepared by TfNSW, May 2024
- Northern Bridges Access Consistency Assessment prepared by John Holland, June 2024
- Bernera Road and Cowpasture Road boundary adjustment Consistency Assessment prepared by John Holland, June 2024
- Minor consistency assessment for proposed change to the M7 widening - Great Western Highway Access Track prepared by John Holland, June 2024
- ITS Tolling Gantry and Drainage Infrastructure North of Kurrajong Road Consistency Assessment prepared by John Holland, July 2024
- Project Wide utilities and light vehicle emergency bay Consistency Assessment prepared by John Holland, November 2024
- M4 Offramp boundary adjustment Consistency Assessment prepared by John Holland, November 2024

4.1 Screening assessment

A screening exercise has been completed in Table 4-1 to consider the potential environmental impacts of the proposed change requiring detailed environmental assessment within this consistency assessment. Relevant environmental management measures (REMMs) and CoA are identified in section 5 of this consistency assessment.

Table 4-1: Applicable environmental factors

Environmental factor	Comment	Detailed discussion in consistency assessment?	
Biodiversity	The proposed change would result in impacts to vegetated and non-vegetated areas that were not assessed as part of the EAD. The vegetation being cleared does not impact areas that are classified as PCT or threatened species. Biodiversity impacts are discussed in detail in section 4.2of this consistency assessment.	Yes	☑
		No	☐
Traffic and transport	The proposed change would result in traffic and transport impacts due to the following aspects: • Construction haulage by heavy vehicles • Light vehicle movements (vans, utility pick-ups) associated with construction staff and contractors • Delivery of materials such as drainage construction materials • Additional impacts to existing SUPs. Traffic and transport impacts are discussed in detail in section 4.3 of this consistency assessment.	Yes	☑
		No	☐
Noise and vibration	The proposed change would increase the construction footprint beyond what was assessed in the EAD. As a result, in some cases construction activities would extend closer to sensitive receivers. No changes to the timing, equipment or methodology for construction of the approved project are anticipated. Noise and vibration impacts are discussed in detail in section 4.4 of this consistency assessment.	Yes	☑
		No	☐
Land use and property	Areas outside of the construction footprint assessed for the EAD would be required for the proposed change. Land use and property impacts are discussed in detail in section 4.5 of this consistency assessment.	Yes	☑
		No	☐
Soils and contamination	The proposed change would require ground disturbance in areas that were not assessed as part of the EAD. Impacts related to soils and contamination are discussed in further detail in section 4.6 of this consistency assessment.	Yes	☑
		No	☐

Environmental factor	Comment	Detailed discussion in consistency assessment?	
Aboriginal heritage	Searches of the Aboriginal Heritage Information Management System (AHIMS) database were carried out on 8 July 2024 and 12 September 2024 and found one AHIMS registered site within Site 11 (AHIMS ID 45-5-2723 (PAD-OS-5)) and one AHIMS site (AHIMS ID 45-5-2793 (PAD-OS-4)) within Site 12. Previous surface disturbance associated with earlier roadworks and the establishment of the existing SUP has likely removed the potential for any surface or shallow Aboriginal objects within Site 11 and Site 12. As activities would be limited to the existing disturbed footprint of the SUP and road corridor and would not require new ground disturbance, it is not expected that the works in Sites 11 and 12 would impact any potential subsurface objects that may survive below the extent of previous ground disturbance, and therefore would not impact AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793. The remainder of the proposed change sites did not contain any AHIMS sites. Aboriginal impacts are discussed in detail in section 4.7 of this consistency assessment.	Yes	☑
		No	☐

Environmental factor	Comment	Detailed discussion in consistency assessment?	
Social	The proposed change may impact the following social aspects: • Way of life • Community • Accessibility • Health and wellbeing • Surroundings • Livelihoods. Key social impacts that were identified for the approved project include: • Leasing land from landowners for proposed change sites resulting in a temporary loss of land • Lane detours and an increase in construction traffic would decrease road network performance and add traffic volumes to surrounding roads in the social locality • Changes to the shared path could cause travel disruptions, increase travel durations, decrease safety, deter the use of active transport options and affect movement patterns and accessibility if not managed appropriately. Social impacts associated with the proposed change may occur due to the extension of the construction footprint, that would require additional leasing of land and work sites to occur closer to the community or in additional locations that may interrupt the local way of life. The additional leasing of land would not result in any additional	Yes No	☐ ☑

Environmental factor	Comment	Detailed discussion in consistency assessment?	
	impacts as discussed in section 4.5. Sites would only be established in consultation and agreement with relevant landowners. Any impacts associated with construction activities occurring in closer proximity to the community such as those associated with health and wellbeing and livelihoods (i.e. air quality impacts and noise and vibration), would be appropriately managed by the mitigation measures and CoA outlined in the EAD (see section 5). Impacts to the shared paths are discussed in section 4.3. Additionally, as stated in section 3, ongoing consultation will be carried out with the community and relevant stakeholders, which would include a complaints management system. The community would be informed of the proposed change and have an opportunity to provide feedback. As such, the social impact of the proposed change are expected to be consistent with the approved project.		

Environmental factor	Comment	Detailed discussion in consistency assessment?	
Landscape character, visual amenity and urban design	Landscape character and visual impacts associated with the proposed change would be temporary during the construction of the works. All viewpoints are the same as those described in the EAD. Overall, any impacts within the additional areas would be returned to be similar to the existing form after the construction works by the removal of plant and machinery during demobilisation, as well as revegetation as required. The additional area associated with the proposed change would be located within the existing road corridor or adjacent to the approved construction footprint of the approved project. The landscape character and visual amenity impacts detailed in the EAD remain consistent for the proposed change. These impacts include: • Earthworks and dust dispersal • Vegetation clearing and pruning • Stockpiling of materials and storage • Presence of temporary structures and noise barriers • Hoardings • Increased vehicle movements and personnel in the area. The removal of vegetation as a result of the proposed change would impact landscape character and visual amenity due to reductions in canopy cover. This is relevant to Sites 4, 8, 9 and 10 where trees are proposed to be removed. The removal of trees due to the proposed change would be undertaken in accordance with CoA D11 and D12, which requires that the approved project result in a net increase in tree numbers and canopy within proximity of impacted areas. Thus, the landscape character and visual amenity impacts associated with the removal of trees due to the proposed change would be temporary and is considered consistent with the approved project. Management measures for landscape character, visual amenity and urban design identified in the EAD are considered appropriate for the proposed change. As discussed in the EAD, clearing and tree planting (i.e. final trees to be removed and planted) will be finalised during detailed design.	Yes	☐
		No	☑

<table>
<tr><th>Environmental factor</th><th>Comment</th><th colspan="2">Detailed discussion in consistency assessment?</th></tr>
<tr><td rowspan="2">Surface water and groundwater</td><td rowspan="2"><u>Construction</u>

Earthworks associated with the construction of drainage infrastructure at Sites 8, 9 and 10 would be required as part of the proposed change. These activities may result in erosion of soil and sedimentation of waterways, which may cause changes to local surface water and groundwater conditions if not managed correctly.

Potential surface water and hydrology impacts due to the proposed change would be effectively managed through the implementation of the Construction Soil and Water Management Plan. Therefore, impacts to soil and water are considered consistent with the approved project.

Potential groundwater impacts as a result of the proposed change are unlikely to occur due to the depth of excavation required for the scope of works and the groundwater table depth, however if groundwater is encountered this would be effectively managed through the implementation of the Construction Soil and Water Management Plan. Therefore, impacts to groundwater are considered consistent with the approved project.

<u>Operation</u>

The proposed change also involves the provision of new basins to replace or expand existing stormwater basins during operation of the project. The SSI 663-Mod 6 Report for the Approved Project, defines the NSW Water Quality Objectives (WQOs) as follows (Section 7.5 of the SSI 663-Mod 6 Report):

<table><tr><th>Indicator</th><th>Guideline Value</th></tr><tr><td>Total phosphorus (TP)</td><td>0.025 mg/L</td></tr><tr><td>Total nitrogen (TN)</td><td>0.350 mg/L</td></tr><tr><td>Turbidity</td><td>6-50 Nephelometric Turbidity Unit (NTU)</td></tr><tr><td>Total suspended solids (TSS)</td><td>< 50 mg/L</td></tr><tr><td>Salinity (electrical conductivity)</td><td>200-300 µS/cm</td></tr><tr><td>Dissolved oxygen (DO)</td><td>85-110 per cent saturation</td></tr><tr><td>pH</td><td>6.5-8.5</td></tr><tr><td>Chemical contaminants or toxicants</td><td>Copper: 0.0014 mg/L
Nickel: 0.011 mg/L
Lead 0.0034 mg/L
Zinc 0.008 mg/L</td></tr></table></td><td>Yes</td><td>☐</td></tr>
<tr><td>No</td><td>☑</td></tr>
</table>

Environmental factor	Comment	Detailed discussion in consistency assessment?	
	The SSI 663-Mod 6 Report also confirmed that the quality of water in the watercourses that receive runoff from the area is heavily impacted due to urban and industrial uses. Sampling of the surface water prior to the commencement of construction of the approved project identifies that the WQOs were not being achieved for TP, TN, DO and there were some exceedances for zinc and copper. Section 7.5.5 of the SSI 663-Mod 6 Report (Operation, Surface Water Quality) identifies the Approved Project has the potential to increase the generation of the following contaminants and impact quality of surface water runoff discharging from operation of the motorway: • TSS that build up on paved surfaces • Toxicants and heavy metals attached to particulates from paved surfaces • Hydrocarbons, oils and grease from spills or leaks • Gross pollutants from the motorway corridor • Nutrients (such as TP and TN) from organic material and potential spills during transportation. These contaminants are considered the same as those generated by the existing motorway. However, the Approved Project has the potential to lead to an increase in the quantities of these contaminants due to the increase in paved areas and vehicle movements. The SSI 663-Mod 6 Report includes the mitigation measure (SW8) regarding the performance of stormwater quality controls (including basins) “will be verified at detailed design stage to ensure that for waterways that receive runoff from the proposed modification, and to the extent that the proposed modification can influence: • The WQOs continue to be met at waterways where they are currently being achieved, or • Existing water quality is improved at waterways where the WQOs are not being met. Specifically, CoA D105 requires that the operation of the project is to maintain the WQOs where being achieved and continue to contribute towards achieving the objectives. CoA D112 also requires that all new or modified drainage systems must be designed to meet capacity constraints and minimise impacts on the receiving environment.		

Environmental factor	Comment	Detailed discussion in consistency assessment?	
	The designs of the stormwater basins within proposed change will be designed to improve the water quality for TSS, TP and TN within the different catchments and contribute to achieving the WQOs. The minor additional disturbance associated with the additional stormwater basins are unlikely to increase the impacts over and above those described in the EAD. Impacts are therefore considered to be consistent with the EAD. Similar drainage infrastructure was required for the approved project and therefore no additional mitigations measures to those within Modification 6 will be required. As such, management measures for surface water quality and hydrology identified in the EAD are considered appropriate for the proposed change.		
Non-Aboriginal heritage	No listed heritage items have been identified within or in the vicinity of the proposed construction footprint changes. As a result, there would be no physical or visual impacts to listed heritage items. These findings are consistent with those in the EAD. Previous assessments undertaken as part of the residential development of the area identified the remains of a locally significant brick beehive cistern underneath Barcelona Drive at the southern end of Site 19. As part of the construction of the road, the dome of the cistern was removed while the remainder of the cistern was backfilled and retained underneath the road.	Yes	☐
	As no excavation works are proposed at the south end of Site 19 there would be no impacts to the remains of the cistern. Furthermore, a review of historical maps, aerial photographs and previous assessments has not identified any substantial historical development that would likely reach threshold of local significance within the remainder of Site 19. In addition a majority of the site has been subject to previous ground disturbance. No other non-Aboriginal archaeological items have been identified within the proposed change sites. As such, impacts to non-Aboriginal heritage remain consistent with those identified in EAD. Further detail on the non-Aboriginal heritage assessment is provided in Appendix B.	No	☑
Air quality	Air quality impacts associated with the proposed change would be relatively minor and likely caused by activities already assessed as part of the approved project such as earthworks relating to the construction of basins and	Yes	☐

Environmental factor	Comment	Detailed discussion in consistency assessment?	
	tracking of vehicles causing dust emissions. This is consistent with activities and potential impacts identified in the EAD. Therefore, there are no additional air quality impacts associated with the proposed change over and above those identified in the EAD.	No	☑
Hydrology and flooding	Construction activities have the potential to change flood behaviour and impact on the surrounding environment. In addition, flooding has the potential to impact on construction areas within and near the construction footprint (i.e. potential inundation of the construction footprint). Additional drainage and flooding infrastructure are needed to assist in satisfying CoA D30 (flood mitigation) and CoA 146A (water quality). Therefore their inclusion within this CA is consistent with the approved project. Only one of the proposed change sites (Site 11) intersects a named watercourse, Hinchinbrook Creek. This site involves a boundary realignment to align the construction footprint with the existing road corridor, no additional activities are proposed to occur in this location. As such, the proposed change is not anticipated to result in any additional impacts on watercourses than what is discussed in the EAD. Other constructability changes associated with the proposed change are expected to be localised and would be managed through the implementation of management measures detailed in the Construction Flooding Management Plan and the Construction Soil and Water Management Plan. Therefore, there are no additional hydrology and flooding impacts associated with the proposed change over and above those identified in the EAD.	Yes	☐
		No	☑
Waste	Construction waste impacts are associated with the generation of waste and management of this waste. No new waste types would be generated by the proposed change as the equipment and methodology is consistent with the approved project. Where additional volumes of waste are produced by activities related to the proposed change (such as construction works relating to drainage basins), this waste would be appropriately disposed of and managed in accordance with the Construction Waste and Resource Management Plan developed for the approved project. The waste impacts that result from the proposed change would be minor in nature in comparison to the wider approved project. Therefore, there are no additional waste impacts associated with the proposed change over and above those identified in the EAD.	Yes	☐
		No	☑

Environmental factor	Comment	Detailed discussion in consistency assessment?	
Sustainability	As the proposed change would not result in changes to the timing, equipment or methodology of the approved project, relevant sustainability aims and objectives still apply. Key policies, goals and guidelines that have directed the consideration and integration of sustainability into the construction and assessment of the approved project, have similarly directed the proposed change. As such, there are no additional sustainability impacts or considerations associated with the proposed change over and above those identified in the EAD.	Yes	☐
		No	☑
Climate change and greenhouse gas	The key climate change risks of concern for the proposed change are those related to extreme rainfall and flooding and greenhouse gas emissions. Potential climate change risks associated with the proposed change would be minor in nature in comparison to the greater approved project. As such, there are no additional climate change and greenhouse gas impacts associated with the proposed change over and above those identified in the EAD.	Yes	☐
		No	☑
Hazard and risk	Hazard and risk construction impacts include potential impacts on the local population's health and safety, including workplace and environment hazards, road and pedestrian safety, bushfire risk and dangerous good handling risks. The hazard and risks associated with the proposed change would be consistent with those associated with the greater approved project, and therefore the EAD. Management measures for hazard and risk identified in the EAD are considered appropriate for the proposed change.	Yes	☐
		No	☑

Environmental factor	Comment	Detailed discussion in consistency assessment?	
Cumulative	The magnitude of impact and additional area required for the proposed change would not impact upon other projects in the surrounding area. The environmental aspects assessed as part of this report are consistent with the cumulative impacts discussed in the EAD. Additionally, consultation would be undertaken with neighbouring properties and with personnel who would be undertaking work on other projects within the vicinity of the approved project to ensure they are aware of any exclusion zones or sensitive areas. As such, there are no additional cumulative impacts associated with the proposed change over and above those identified in the EAD.	Yes	☐
		No	☑

4.2 Biodiversity

4.2.1 Assessment methodology

Section 7.6 of the Modification 6 Report describes the methodologies used to assess biodiversity impacts for the approved project.

Ecological surveys that were performed for the Modification 6 Report were confined to the construction footprint established for the approved project. The approved project was surveyed by a Biodiversity Assessment Method (BAM) Accredited ecologist in April, May and September 2024 to identify the presence of Plant Community Type (PCT) vegetation, and where present, determine the type and extent of PCT vegetation within each site. From the BDAR, it was identified that the none of the 10 sites included within this CA contained vegetation classified as PCT.

To support this CA site inspections were conducted for all sites and an ecological assessment undertaken. The results of this ecological assessment are detailed in the ecological memo from Leneco, dated 7 November 2024 (refer to Appendix A).

4.2.2 Existing environment

The surveyed sites are all directly adjacent to the approved project construction footprint (affixed to the footprint) except for Sites 8 and 9 which are located across the northbound and southbound lanes of the M7 corridor respectively. The vegetation and habitat features contained within these sites are of a similar nature to vegetation and habitat features assessed for the approved project, as specified in Section 7.6 of the Modification 6 Report.

The vegetation in the study area has a long history of disturbance and some areas have been replanted since construction of the approved project. Most of the TECs and PCTs in the Modification 6 study area were determined not to be considered endangered under the *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth) (EPBC Act) due to past disturbance, fragmentation, lack of remnant native vegetation, non-native understorey dominance and other conditions.

Table 4-2 describes the vegetation assessed within the proposed change sites.

Table 4-2: Description of vegetation within the proposed change sites

Site	Vegetation description
4	**No PCT vegetation known to be present in site.** Planted vegetation is present on the northern end of Site 4. The majority of Site 4 is comprised of grasses with some shrubs located on the edges of the site. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “native planted trees, exotic grasses and weeds”. Access to the southern end of Site 4 is currently restricted by long grass and dense shrubs and therefore the vegetation could not be fully assessed. During site establishment works, the ecologist will supervise the slashing of the grass within and adjacent to the southern end of Site 4 to confirm the presence/absence of PCT – refer to Section 4.2.3 for further information.

Site	Vegetation description
5	**No PCT vegetation in site.** Existing paved road (Wallgrove Road) with vegetation along both sides. No impacts to this vegetation anticipated (except for minor amounts of trimming), and this vegetation is not mapped as PCT. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “exotic ground cover”.
8	**No PCT vegetation in site.** Existing planted vegetation, not mapped as PCT, is present on the western side of the site. The site is primarily disturbed land. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “planted native canopy and mid-stratum, ground cover of exotic grasses and weeds”. Trees removed are to be added to the Tree Survey and be replaced in accordance with CoA D11 and D12.
9	**No PCT vegetation in site.** Existing planted vegetation, not mapped as PCT, is present on site. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “planted native canopy and mid-stratum, ground cover of exotic grasses and weeds”. Trees removed are to be added to the Tree Survey and be replaced in accordance with CoA D11 and D12.
10	**No PCT vegetation in site.** Existing vegetation, not mapped as PCT, is present on site. The site is primarily disturbed land. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “exotic grasses and weeds with minimal native clearing of shrubs and trees.”Trees removed are to be added to the Tree Survey and be replaced in accordance with CoA D11 and D12.
11	**No PCT vegetation in site.** Existing SUP with vegetation along both sides of the pavement. No vegetation is present within the site however trimming of some branches over the site might be required to enable access. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “planted native canopy and mid-stratum, ground cover of exotic grasses and weeds”.
12	**No PCT vegetation in site.** Existing SUP with vegetation along both sides of the pavement. No vegetation is present within the site however trimming of some branches over the site might be required to enable access.

Site	Vegetation description
	The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “exotic ground cover”.
15	**No PCT vegetation in site.** Vegetation consists of mown turf grasses. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “vegetation clearing is limited to Lawn and native shrubs”.
19	**No PCT vegetation in site.** Existing paved road (Barcelona Drive) and cleared land consisting of mown turf grasses. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “exotic and weedy mid-stratum/ground cover”.
20	**No PCT vegetation in site.** Existing SUP with mown turf grasses along both sides of the pavement. The Leneco ecological assessment (Appendix A) describes the existing vegetation in this site as “One planted native shrub, lawn grasses and various weeds”.

4.2.3 Assessment of potential impacts

Impacts to biodiversity at the surveyed sites are described in this section, which consider the following aspects:

- Native vegetation
- TECs and potential serious and irreversible impacts (SAIIs)
- Threatened fauna habitat
- Threatened flora and fauna
- Spread of weeds.

Impacts to biodiversity may occur due to the following activities:

- Clearing of non-native vegetation, planted native vegetation and/or groundcover for access
- Tree pruning for installation of signage or access.

Table 4-3 outlines the potential impacts on biodiversity, discusses the magnitude of these impacts and states if it is consistent with the EAD.

Table 4-3: Assessment of proposed change impacts on terrestrial biodiversity

Impact	Likelihood	Extent of impact due to proposed change	Consistent with the Modification Report?
Removal or modification of native vegetation	Known	The proposed change sites are not located within areas that contain non-planted native vegetation. Works would be restricted within the confines of site boundaries.	Yes

Impact	Likelihood	Extent of impact due to proposed change	Consistent with the Modification Report?
		This is discussed further below under the relevant subheading. In addition, some small tree pruning will be required for installation of signage and access.	
Loss of individuals of a threatened species	None	The removal and/or modification of vegetation would be restricted to areas that consist of non-native vegetation, planted native vegetation and groundcover. Threatened species are unlikely to inhabit these areas due to the low quality and fragmented nature of this vegetation, which is located directly adjacent to the motorway. The Southern Myotis may use some of the motorway bridges and surrounding habitat for roosting and foraging purposes. Impacts to the species and its habitat are discussed below.	Yes
Removal or modification of threatened species habitat other than native vegetation (micro-habitat features)	Known	Sites 4, 8, 9, and 10 would require removal of non-native vegetation and/or planted native vegetation. Sites 5, 11 and 12 are likely to require some trimming of existing vegetation. This is discussed further below under the relevant subheading. In addition, some small tree pruning will be required for installation of signage and access. None of the sites where vegetation clearance or trimming is required has been identified as threatened species.	Yes
Death through trampling or vehicle strike	Low	The proposed change is unlikely to cause death through trampling or vehicle strike over and above what would occur for the approved project.	Yes
Death through poisoning	Low	No poisons are proposed to be used as part of the approved project or the proposed change. Harmful substances used in construction or weed management would all be controlled as per applicable requirements under Australian Standards.	Yes

Impact	Likelihood	Extent of impact due to proposed change	Consistent with the Modification Report?
Fragmentation	Low	The approved project was not considered to contribute to fragmentation of remnant native vegetation in the locality. The additional removal of native vegetation, non-native vegetation, planted native vegetation and/or groundcover as a result of the proposed change would not increase the chances of fragmentation. Areas where vegetation disturbance is proposed are considered to be of low ecological value, located in highly disturbed areas such as the road verges or median strips. These areas are unlikely to act as a corridor for wildlife and thus their removal would not fragment habitat areas or valuable ecosystems.	Yes
Removal of hollow-bearing trees	None	No hollow bearing trees would be removed as a result of the proposed change.	Yes

In addition to the above list one of the proposed change sites (Site 11) intersects a named watercourse, Hinchinbrook Creek. At this site, works would be confined to the existing SUP and would not impact on the watercourse and aquatic ecology. No works would occur within or immediately adjacent to the watercourse. Considering this, and the implementation of environmental mitigation measures mentioned in the EAD, the potential for impacts to aquatic habitats is considered consistent to that assessed for the approved project

Impacts to native vegetation and key threatening processes

There are 39 Key Threatening Processes (KTP) listed under the *Biodiversity and Conservation Act 2016* (BC Act) and/or EPBC Act. The only relevant KTP that will occur as a result of the approved project is the 'clearing of native vegetation'. The majority of the vegetation to be cleared is highly modified, subject to edge effects and impacted heavily by weed invasion.

Clearing of additional areas of TEC

As stated, the proposed change will not impact Threatened Ecological Communities (TECs) listed under the BC Act.

As per Table 4-2, access to the southern end of Site 4 has been restricted due to dense grass and shrubs and therefore has not been fully assessed for presence/absence of PCT. During site establishment works, the ecologist will supervise slashing of the grass within and adjacent to the southern end of Site 4. If vegetation potentially containing PCT is identified, then slashing works will cease and an additional assessment completed. If PCT is confirmed, then the area will be isolated and separate approval for its clearance submitted. If no PCT is identified, then slashing will be completed under ecologist's supervision to allow grubbing to occur. This is in general accordance with CoAs D2 (minimisation of native vegetation clearance) and D3 (impacts to PCT) and therefore considered consistent with the EAD.

No additional measures proposed.

Impacts to non-native vegetation and/or planted native vegetation

A habitat assessment of the median and road verges of the Westlink M7 was undertaken for the approved project to assess its biodiversity value and if any PCTs were present. It found that these areas mainly consist of exotic grassland, eucalypts, casuarina and shrubs and is regularly mowed for the maintenance of the Westlink M7 or other operations. The habitats present were not considered suitable for use by any threatened species credit species (flora or fauna) that have been previously recorded, or are considered to have habitat, in the locality. Therefore, no offsetting requirement was attributed to the removal of the non-native vegetation and/or planted native vegetation (non-PCT vegetation).

None of the sites included within this CA comprises of PCT vegetation.

The clearing and/or modification of this non-PCT vegetation was assessed in the Modification 6 Report and is subject to CoA D11 and D12. Where trees are to be removed, a net increase in the number of replacement trees would be provided at a ratio of 2:1. Replacement trees would have a minimum size consistent with the relevant authority's plans / programs / strategies for vegetation management, street planting, or open space landscaping, or as agreed by the relevant authority(ies).

Revegetation and the provision of replacement trees would be informed by a Tree Survey undertaken during detailed design and updated during construction where required. The Tree Survey must identify the number, type and location of any trees to be removed. The Tree Survey would be submitted to the Planning Secretary for information with the Design and Landscape Plan required under CoA D19.

The vegetation disturbance likely to occur at Sites 4, 8, 9, and 10 (clearing) and Sites 5, 11 and 12 (potential trimming) would be undertaken in accordance with CoA D11 and D12, and therefore will be considered consistent with the EAD.

Loss of individuals of a threatened species and removal or modification of threatened species habitat

The Modification 6 Report identified that potential construction impacts to threatened species and their habitat are generally related to activities associated with bridge works (as some of the bridges and nearby areas may provide potential roosting habitat for the Southern Myotis) and disturbance of native vegetation.

As outlined in CoA D7, all proposed change sites would be surveyed prior to construction to confirm whether the Southern Myotis may use the area for breeding, roosting and/or foraging purposes. It is not expected that additional Southern Myotis habitat areas would be identified during these surveys as no additional bridge works locations form part of the proposed change. If additional impacts to the Southern Myotis are required to be offset above that required in the EAD, an updated biodiversity development assessment report (BDAR) must be prepared and the EAD modified as specified in CoA D7.

The proposed change sites would primarily require removal and/or modification of non-native vegetation, planted native vegetation and groundcover. Generally, threatened species are unlikely to inhabit these areas due to the fragmented nature of this vegetation, which is located directly adjacent to the motorway.

The remaining proposed change sites (where vegetation disturbance is not required) are assumed to not provide habitat to threatened species, as they are located on paved areas (existing SUPs).

Spread of weeds

Given the presence of weeds in the study area, there is potential for the disturbance of vegetation to lead to the spread and/or intensification of weeds. If not appropriately managed, this may indirectly affect native flora and fauna in adjoining areas by further reducing habitat quality, altering the structure and composition of vegetation and increasing competition for resources.

The implementation of mitigation measures outlined in the EAD are considered sufficient to minimise the potential for the spread of weeds from the proposed change. Therefore, impacts relating to the spread of weeds are considered to be consistent with the approved project.

4.2.4 Environmental management measures

Management measures for biodiversity impacts identified in the EAD are considered appropriate for the proposed change. This documentation includes the Construction Flora and Fauna Management Plan that forms part of the DPHI approved M7/M12 Integration Project Construction Environmental Management Plan (CEMP).

As Site 4 could not be fully assessed due to dense grass and shrubs, the absence of PCT could not be confirmed. During site establishment works, the ecologist will supervise slashing of the grass within and adjacent to the southern end of Site 4. If vegetation potentially containing PCT is identified, then slashing works will cease and an additional assessment completed. If PCT is confirmed, then the area will be isolated and separate approval for its clearance submitted. If no PCT is identified, then slashing will be completed under ecologist's supervision to allow grubbing to occur.

4.3 Traffic and transport

4.3.1 Assessment methodology

Section 7.1 of the Modification 6 Report describes the methodologies used to assess traffic and transport impacts for the approved project. The methodology used to assess the traffic and transport impacts of the proposed change is similar, which involved the following key tasks:

- Assessing the existing transport conditions within the study area
- Clarifying the scope of construction activities
- Considering traffic management
- Assessing potential construction traffic impacts of the proposed modification
- Reviewing the mitigation measures and recommending if any additional mitigation measures are required.

The traffic and transport impact assessment for the proposed change involved a qualitative assessment. Additional modelling was not deemed necessary for the following reasons:

- Traffic and transport conditions have not substantially changed since the Modification 6 assessment was completed
- No additional road closures would occur due to the proposed change
- The number of vehicle movements required for the proposed change have only minimally increased compared to what was assessed in the EAD.

4.3.2 Existing environment

The existing environment as described in section 7.1 of the Modification 6 Report applies to this consistency assessment, as the traffic and transport conditions have not substantially changed since the assessment was performed.

4.3.3 Assessment of potential impacts

The proposed change would require adjustments to the construction footprint to allow vehicle access. Potential construction impacts detailed in the EAD that apply to the proposed change include:

- Use of local roads outside of the approved roads for use in the EAD
- Construction vehicle movements and additional construction related traffic
- Active transport impacts due to use of existing SUPs for construction
- Secondary impacts associated with the following elements:
  - Reduced speed limits on the Westlink M7
  - Public transport impacts
  - Property access impacts
  - Parking and access impacts
  - Road safety impacts.

These impacts are discussed in further detail below.

Use of local roads

No additional road closures would occur due to the proposed change. Vehicle access to proposed change sites would be via the M7 motorway, with movements also through local roads for Site 15 (Hemsworth Avenue), Site 19 (Barcelona Drive) and Site 20 (Dobroyd Drive).

Ancillary facility access via Dobroyd Drive has been approved for project use in accordance with the EAD. Access to via Hemsworth Avenue and Barcelona Drive would be subject to a separate road access approval to the Planning Secretary in accordance with CoA D83 and D84.

Construction vehicles movements and additional construction related traffic

The proposed change would require an additional number of vehicle movements for construction. Table 4-4 below provides a comparison between the number of vehicles required for the proposed change and the number of vehicles approved for construction of the project in the EAD.

The number of additional vehicle movements required for the proposed change are minor compared to approved construction traffic volumes (refer to Table 7-7 of the Modification Report).

Table 4-4: Construction vehicles required for proposed change

Site ID	Access route via Westlink M7	Daily approved number of vehicles	Approximate number of vehicles required for proposed change	Percentage change
4	Old Wallgrove Road to Great Western Highway	960	30 light vehicles 20 heavy vehicles	+5.2%
5	Old Wallgrove Road to Great Western Highway	960	10 light vehicles 7 heavy vehicles	+1.8%
8, 9	The Horsley Drive to Old Wallgrove Road	1,920	30 light vehicles 20 heavy vehicles	+2.6 %
10	Cowpasture Road to Elizabeth Drive	1,920	10 light vehicles 7 heavy vehicles	+0.9%
11	Cowpasture Road to Elizabeth Drive	1,920	10 light vehicles 7 heavy vehicles	+0.9%
12	Cowpasture Road to Elizabeth Drive	1,920	10 light vehicles 7 heavy vehicles	+0.9%
15	Cowpasture Road to Elizabeth Drive	1,920	10 light vehicles 7 heavy vehicles	+0.9%
19	Camden Valley Way to Bernera Road	1,440	10 light vehicles 4 heavy vehicles	+1.0%
20	Cowpasture Road to Elizabeth Drive	1,920	10 light vehicles 7 heavy vehicles	+0.9%

The main traffic generating construction activities comprise of the following:

- Construction haulage by heavy vehicles
- Light vehicle movements (e.g. vans, utility pick-ups) associated with construction staff and contractors
- Delivery of materials such as drainage construction materials.

Other impacts associated with the proposed change relate to activities to facilitate traffic access and would be expected at the following sites:

- Sites 4, 5, 8 and 9 due to traffic control measures and temporary works required for access including temporary pavement, temporary barriers and reinstatement
- Site 19 due to levelling and placement of road base to stabilise the access track.

Two local roads that are not mentioned for use in the EAD would be required for access due to the proposed change. Hemsworth Avenue would be required for access to Sites 15 and Barcelona Drive for access to Site 19. In accordance with CoA D83, Planning Secretary approval will be obtained prior to the use of these local road by heavy vehicles to directly access the construction boundary and ancillary facilities.

Works associated with Hemsworth Avenue and Barcelona Road would be included in the Construction Traffic, Transport and Access Management Plan (CTTAMP). As per CoA 84, all requests to the Planning Secretary under Condition D83 must include a traffic and pedestrian impact assessment and be prepared in consultation with the relevant council(s).

Traffic impacts associated with these construction activities were assessed as part of the Modification 6 Report. The timing and duration of construction traffic impacts would generally be consistent with those outlined in the EAD and would be managed using the mitigation measures proposed in the EAD.

Reduced speed limits on the Westlink M7

The impacts of reduced speed limits on the Westlink M7 and associated traffic using alternative routes due to the proposed change is expected to be consistent with the EAD and would be monitored throughout the construction period.

Public transport

As no additional road closures would occur due to the proposed change, no additional public transport detour routes are required. The proposed change would not impact on any bus stops. Additionally, construction traffic volumes on the road network are not expected to increase, therefore impacts to congestion and public transport travel times are unlikely.

Active transport

The proposed change would require temporary closures to the SUPs at Sites 5, 10, 11, 12, 15 and 20. Diversions for cyclists and pedestrians or traffic control would be in place for the duration of construction activities at each of these sites. Following construction activities, rectification of these SUPs would be carried out and public access reinstated.

Property access

The proposed change would not result in any additional impacts to property access.

Parking and access

No direct impacts to on-street parking have been identified due to the approved project or the proposed change. As part of the approved project, parking will be available at construction ancillary sites, the majority of which will be located within the median of the Westlink M7.

It is estimated that the ancillary facilities associated with the approved project will provide up to 2,270 parking spaces. No increase in construction parking demand is expected as a result of the proposed

change. Therefore, the provision of parking associated with the approved project is considered sufficient to support the proposed change.

Road safety

The proposed change would not increase risk associated with construction traffic interacting with the general traffic, as the type and number of vehicle movements required for the proposed change is consistent with what was assessed in the EAD. Impacts to safety would be mitigated by the environmental management measures outlined in the EAD, such as reducing the speed limit in areas that may experience changed traffic conditions. The proposed change would support these management measures through the provision of additional space required for road safety measures.

4.3.4 Environmental management measures

Management measures for traffic and transport impacts identified in the EAD are considered appropriate for the proposed change. This documentation includes the Construction Traffic and Transport Management Plan that forms part of the DPHI approved M7/M12 Integration Project CEMP.

No additional measures proposed.

4.4 Noise and vibration

4.4.1 Assessment methodology

Section 7.2 of the Modification 6 Report describes the methodologies used to assess noise and vibration impacts for the approved project. Further assessment of the construction activities at the additional sites included within the proposed change of this CA was required to confirm whether the Noise Management Levels and mitigation measures (for noise and vibration) for the approved project were consistent.

For the additional sites for this proposed change, potential noise and vibration impacts from construction activities were assessed using a web-based construction assessment tool from acoustic consultants Renzo Tonin and Associates called Gatewave.

This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan

The Gatewave tool was used to assess potential noise and vibration impacts related to the construction activities carried out at the proposed change sites. This tool allows specific work areas and activities to be assessed as construction works progress. Data sourced from the noise model developed for the project was inputted into the Gatewave database to predict the total cumulative noise from all construction activities.

Construction noise

The assessment of noise impacts was carried out using a CadnaA computer noise model developed for the project. This model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities. The noise and vibration assessments are provided in Appendix C.

A summary of the noise calculation parameters is detailed in Table 4-5.

Table 4-5: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5 metres
Height of receivers	1.5 metres above ground level to represent 1.5 metres above ground floor level Additional 3 metres height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5 metres for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in the Noise and Vibration Assessment Memo (Appendix C).
Construction activities	Detailed in the Noise and Vibration Assessment Memo (Appendix C).

Parameters	Inputs
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving)
Noise barriers and screening	As detailed in project Construction Noise and Vibration Impact Statements (CNVIS)

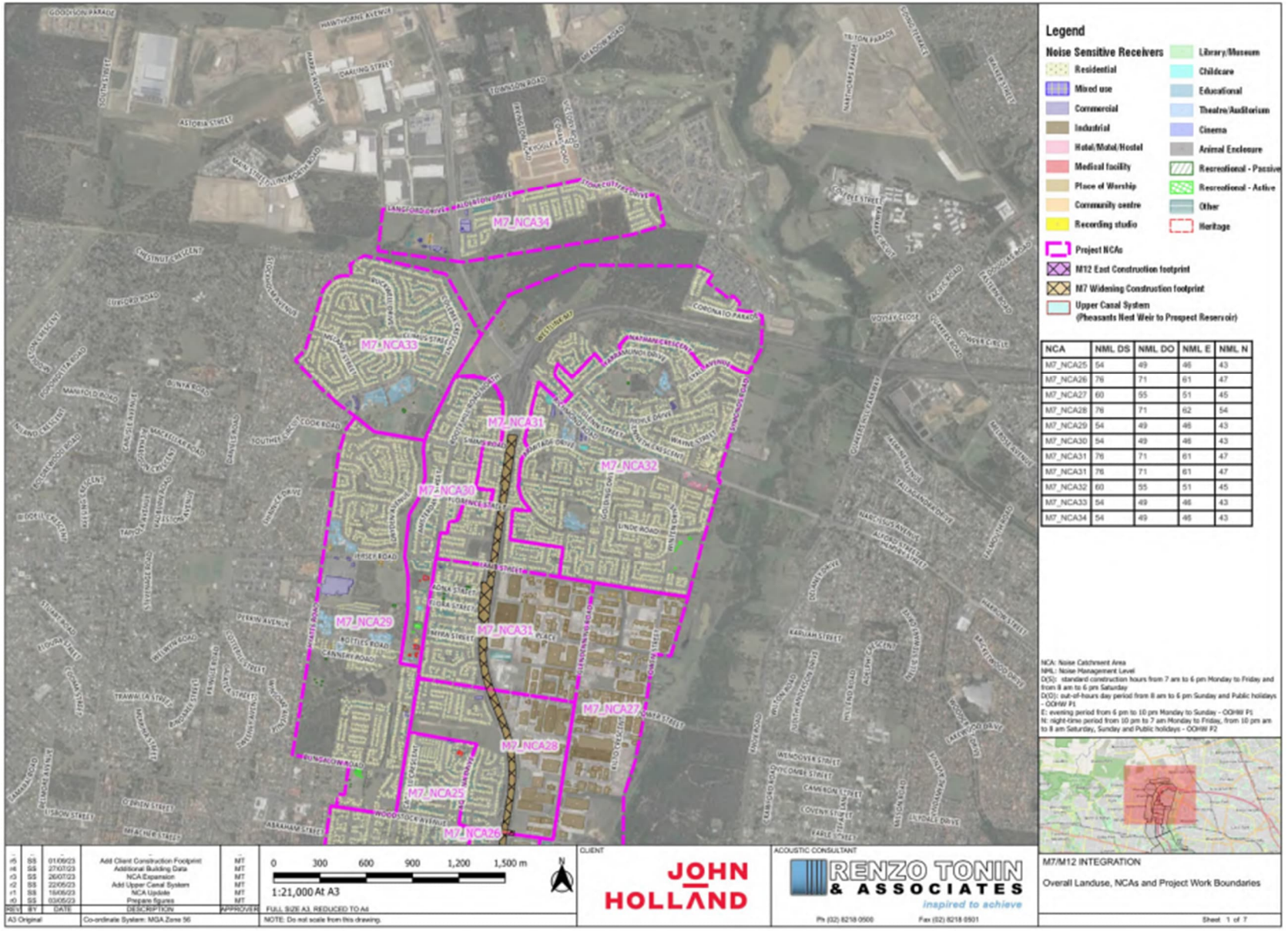
Construction vibration

Section 7.2 of the Modification 6 Report describes the methodology used to assess vibration impacts for the approved project.

4.4.2 Existing environment

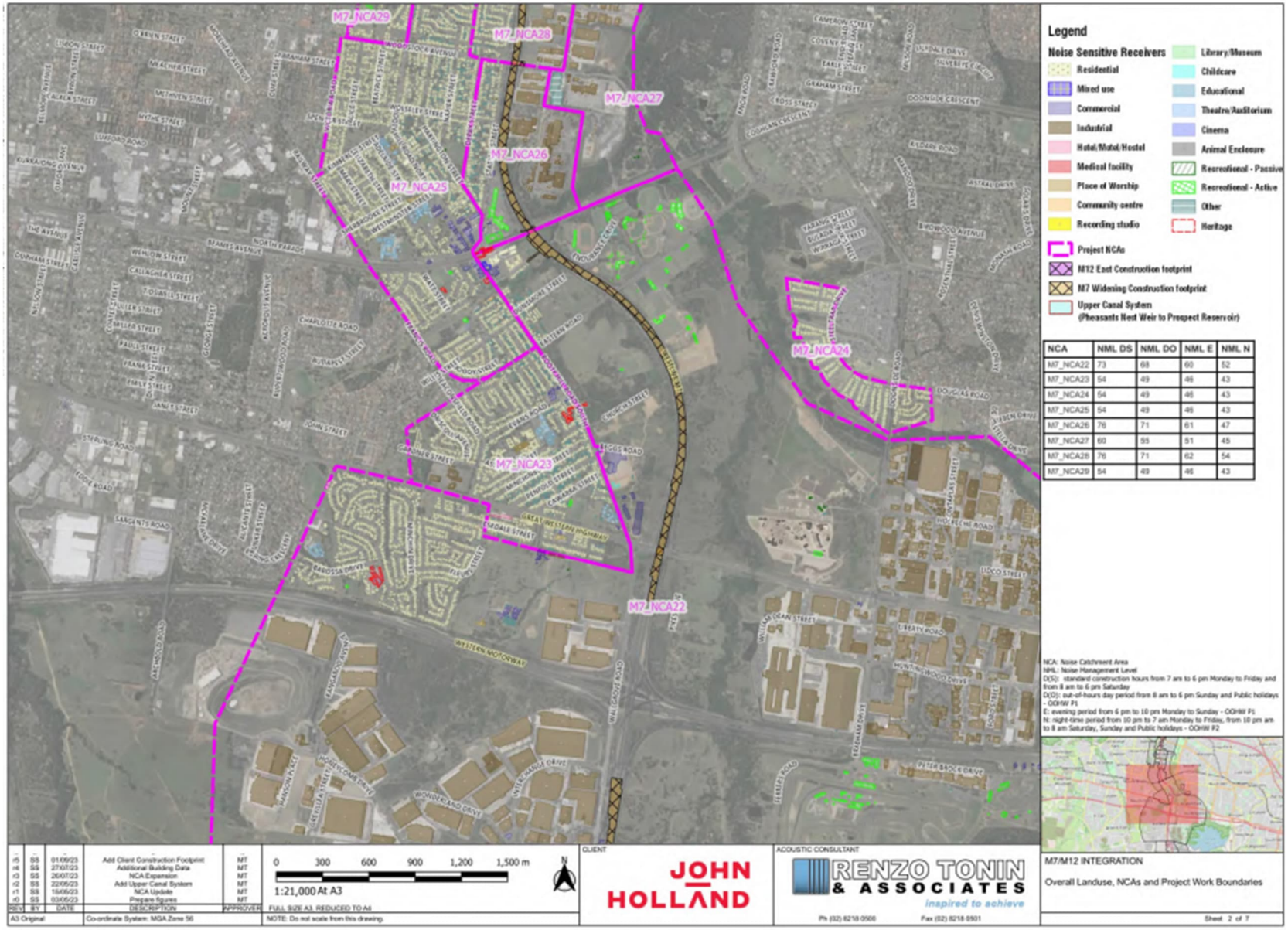
The existing environment as described in Section 7.2 of the Modification 6 Report applies to this consistency assessment, as the noise and vibration conditions have not substantially changed since the assessment was performed. The existing environment is dominated by the ambient noise produced by the operation of the Westlink M7, which in 2019 experienced average daily traffic of around 191,000 vehicles (TfNSW, 2022a).

Relevant noise catchment areas (NCAs) of the approved Construction Noise and Vibration Management Plan (CNVMP) which forms part of the CEMP are in Figure 4-1 to Figure 4-7. These figures identify the sensitive receptors along the alignment of the Approved Project.



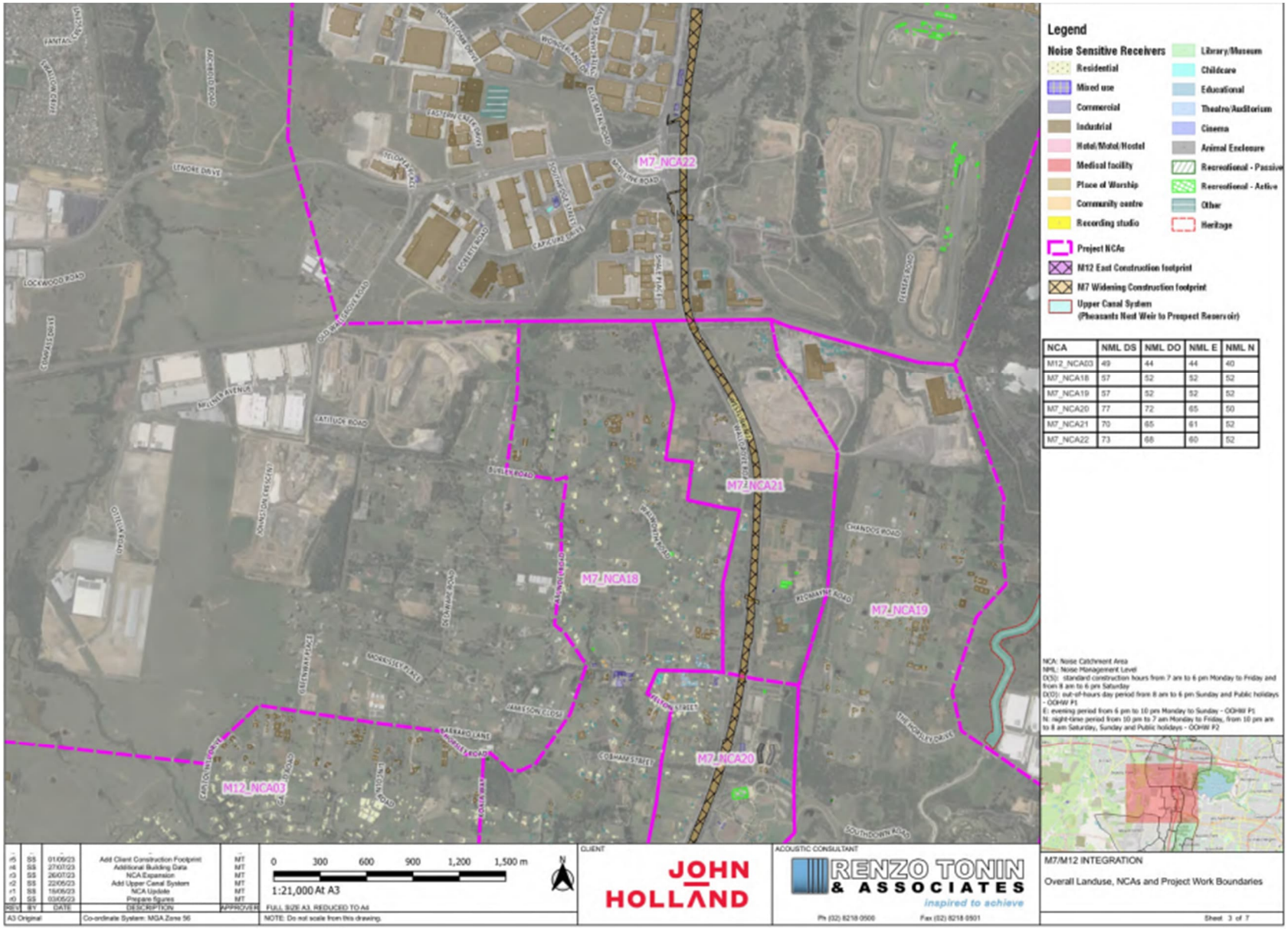
NCA	NML DS	NML DO	NML E	NML N
M7_NCA25	54	49	46	43
M7_NCA26	76	71	61	47
M7_NCA27	60	55	51	45
M7_NCA28	76	71	62	54
M7_NCA29	54	49	46	43
M7_NCA30	54	49	46	43
M7_NCA31	76	71	61	47
M7_NCA31	76	71	61	47
M7_NCA32	60	55	51	45
M7_NCA33	54	49	46	43
M7_NCA34	54	49	46	43

Figure 4-1: M7 Landuse and NCAs 1 of 7 (Source: CNVMP, May 2023)



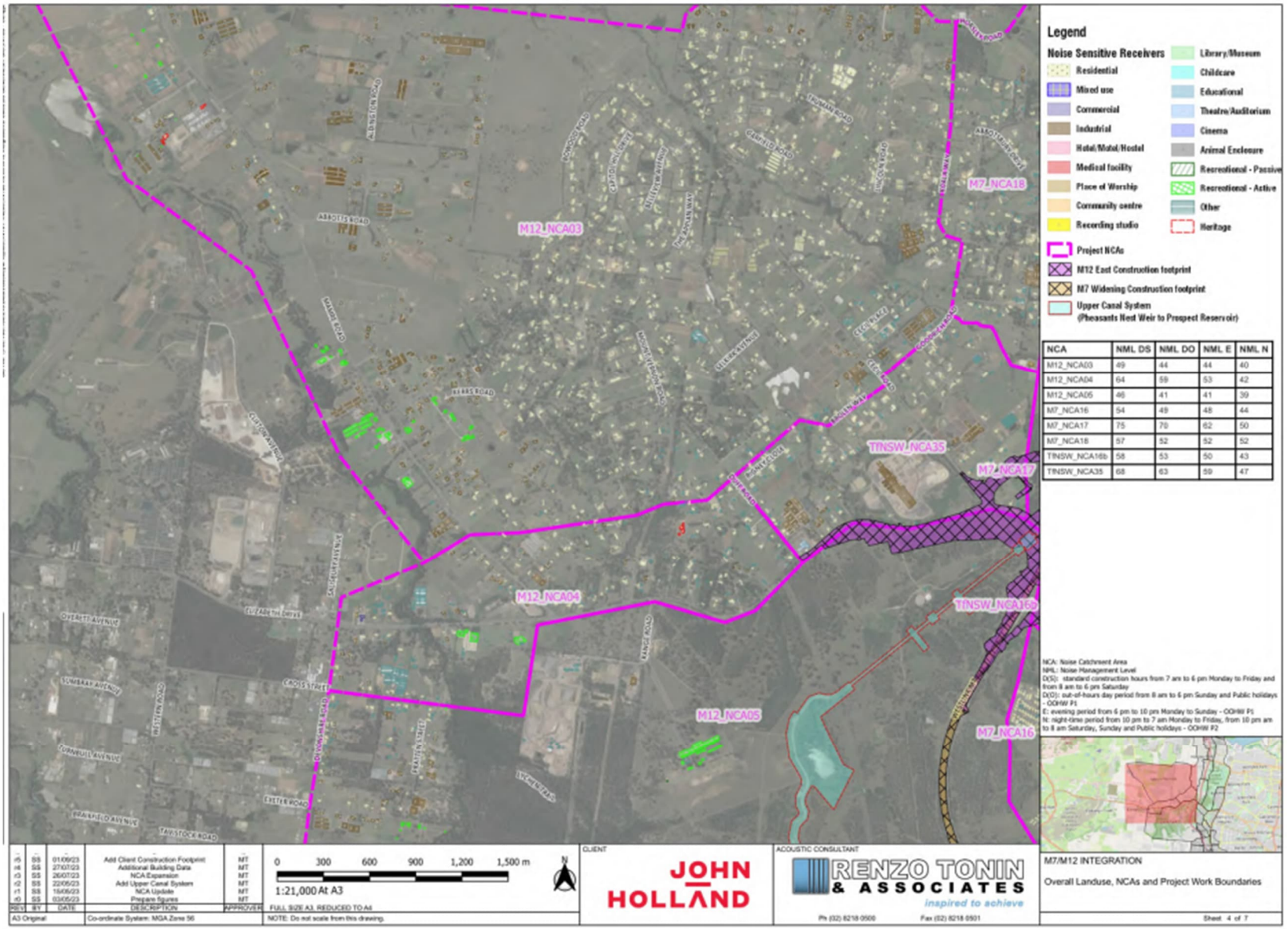
NCA	NML DS	NML DO	NML E	NML N
M7_NCA22	73	68	60	52
M7_NCA23	54	49	46	43
M7_NCA24	54	49	46	43
M7_NCA25	54	49	46	43
M7_NCA26	76	71	61	47
M7_NCA27	60	55	51	45
M7_NCA28	76	71	62	54
M7_NCA29	54	49	46	43

Figure 4-2: M7 Landuse and NCAs 2 of 7 (Source: CNVMP, May 2023)



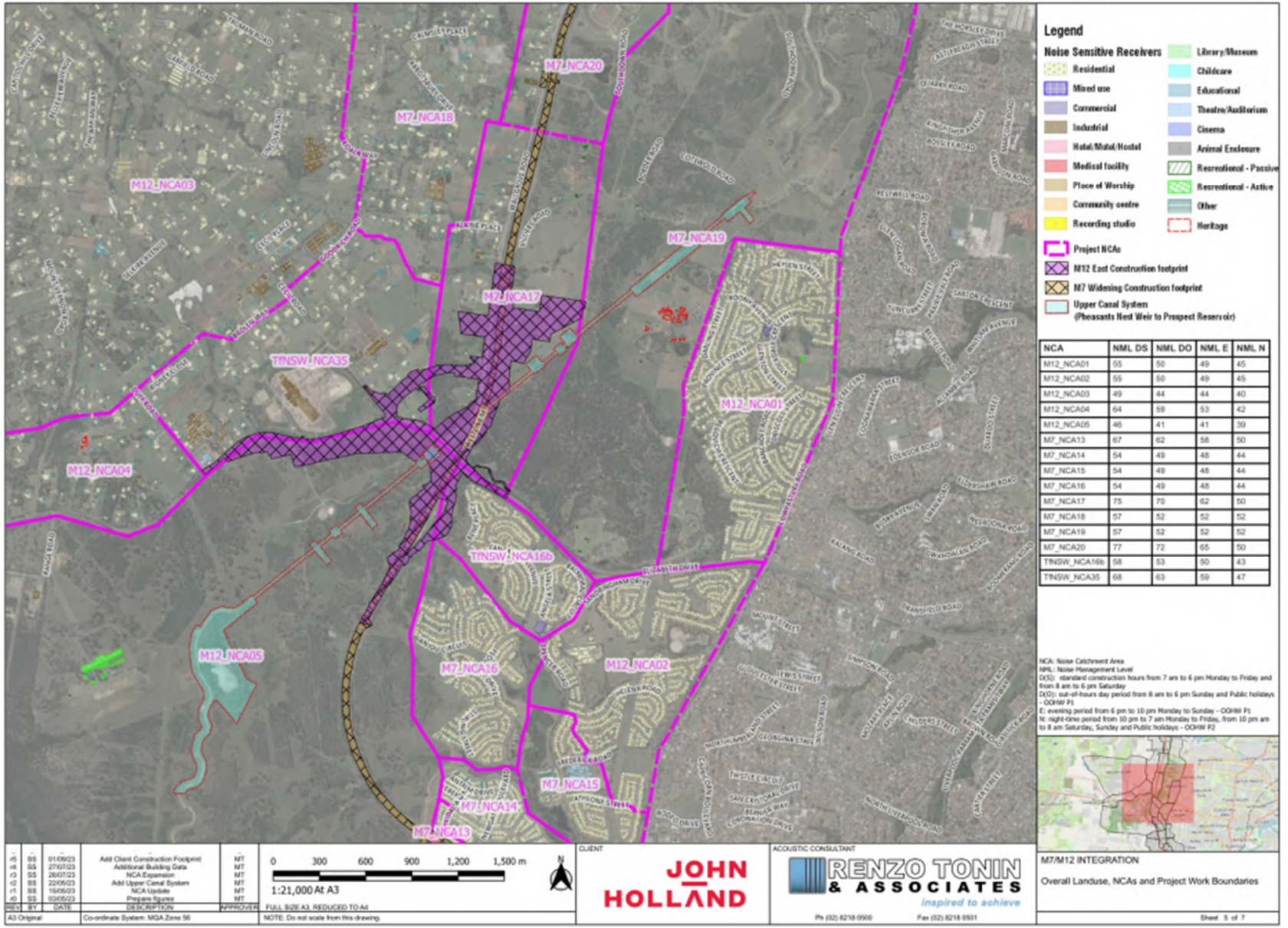
NCA	NML DS	NML DO	NML E	NML N
M12_NCA03	49	44	44	40
M7_NCA18	57	52	52	52
M7_NCA19	57	52	52	52
M7_NCA20	77	72	65	50
M7_NCA21	70	65	61	52
M7_NCA22	73	68	60	52

Figure 4-3: M7 Landuse and NCAs 3 of 7 (Source: CNVMP, May 2023)



NCA	NML DS	NML DO	NML E	NML N
M12_NCA03	49	44	44	40
M12_NCA04	64	59	53	42
M12_NCA05	46	41	41	39
M7_NCA16	54	49	48	44
M7_NCA17	75	70	62	50
M7_NCA18	57	52	52	52
TfNSW_NCA16b	58	53	50	43
TfNSW_NCA35	68	63	59	47

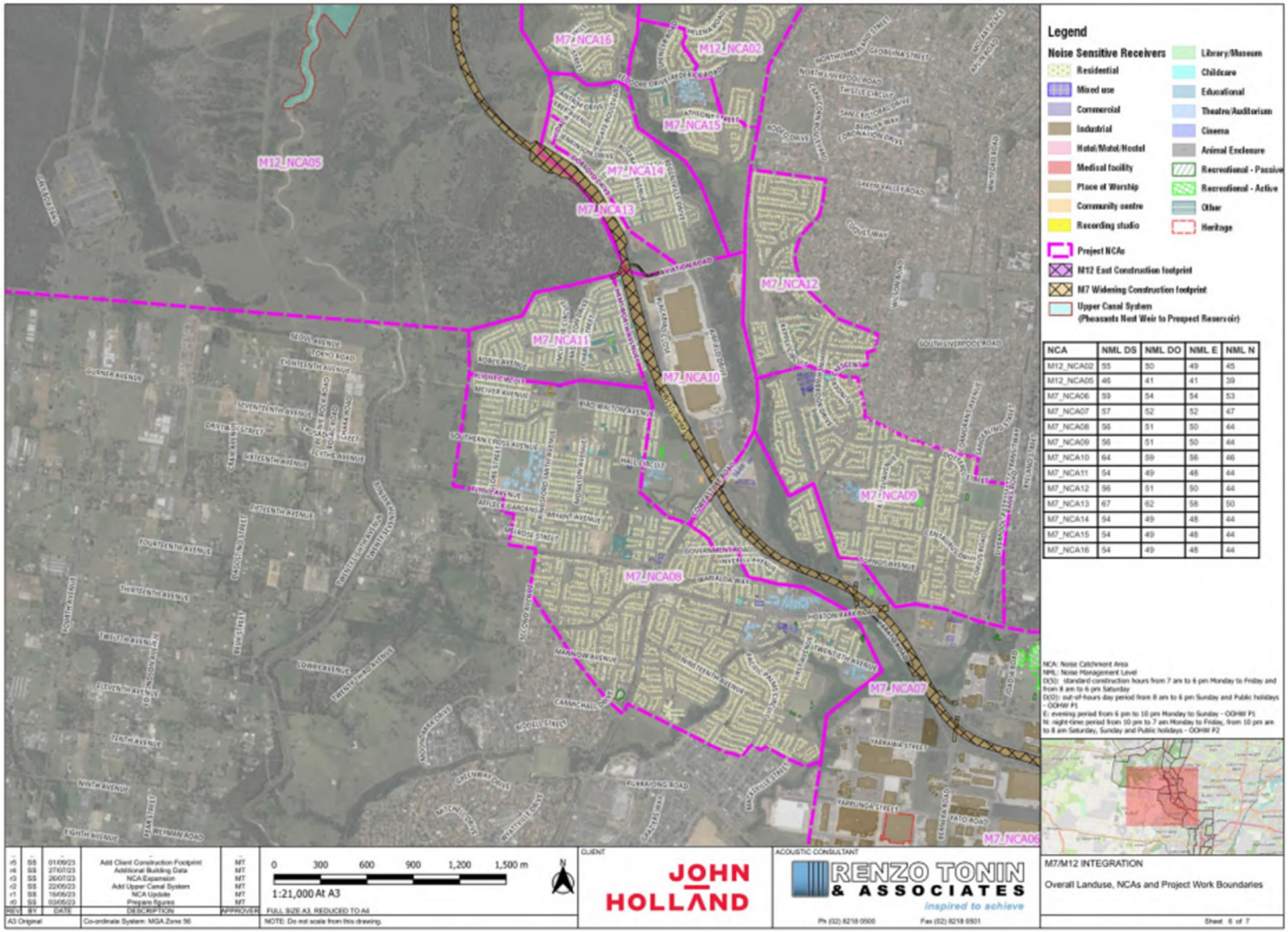
Figure 4-4: M7 Landuse and NCAs 4 of 7 (Source: CNVMP, May 2023)



NCA	NML DS	NML DO	NML E	NML N
M12_NCA01	55	50	49	45
M12_NCA02	55	50	49	45
M12_NCA03	49	44	44	40
M12_NCA04	64	59	53	42
M12_NCA05	46	41	41	39
M7_NCA13	67	62	58	50
M7_NCA14	54	49	48	44
M7_NCA15	54	49	48	44
M7_NCA16	54	49	48	44
M7_NCA17	75	70	62	50
M7_NCA18	57	52	52	52
M7_NCA19	57	52	52	52
M7_NCA20	77	72	65	50
TfNSW_NCA16b	58	53	50	43
TfNSW_NCA35	68	63	59	47

NCA: Noise Catchment Area
NML: Noise Management Level
D(S): standard construction hours from 7 am to 6 pm Monday to Friday and from 8 am to 6 pm Saturday
D(O): out-of-hours day period from 8 am to 6 pm Sunday and Public holidays - OOHW P1
E: evening period from 6 pm to 10 pm Monday to Sunday - OOHW P1
N: night-time period from 10 pm to 7 am Monday to Friday, from 10 pm am to 8 am Saturday, Sunday and Public holidays - OOHW P2

Figure 4-5: M7 Landuse and NCAs 5 of 7 (Source: CNVMP, May 2023)



NCA	NML DS	NML DO	NML E	NML N
M12_NCA02	55	50	49	45
M12_NCA05	46	41	41	39
M7_NCA06	59	54	54	53
M7_NCA07	57	52	52	47
M7_NCA08	56	51	50	44
M7_NCA09	56	51	50	44
M7_NCA10	64	59	56	46
M7_NCA11	54	49	48	44
M7_NCA12	56	51	50	44
M7_NCA13	67	62	58	50
M7_NCA14	54	49	48	44
M7_NCA15	54	49	48	44
M7_NCA16	54	49	48	44

Figure 4-6: M7 Landuse and NCAs 6 of 7 (Source: CNVMP, May 2023)

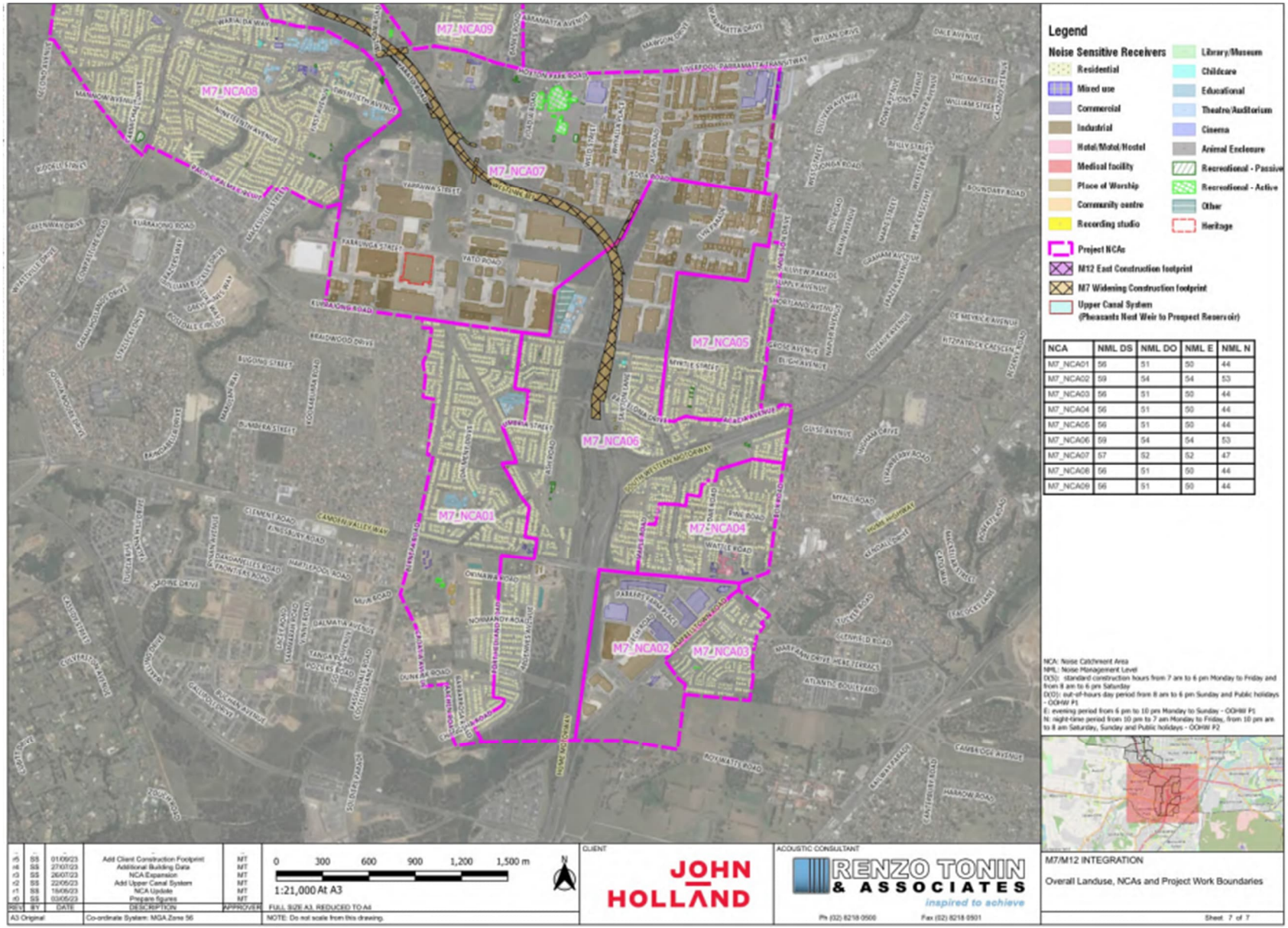


Figure 4-7: M7 Landuse and NCAs 7 of 7 (Source: CNVMP, May 2023)

4.4.3 Assessment of potential impacts

Construction noise

The proposed change described in Section 2 has been reviewed with reference to the construction activities assessed in the EAD (notably the CNVMP). As per Section 4.4.1, the Project approved Gatewave tool was used to assess the noise and vibration impacts from the proposed works at each site and form Appendix C.

For these additional proposed change sites Table 4-6 outlines the results of the noise assessment completed and an assessment of whether the proposed change is consistent with the construction impacts assessed in the EAD. A number of the proposed change sites were determined to have a perceptible (>3 dB) noise impact at nearby sensitive receivers, as provided in Table 4-6.

Table 4-6: Construction noise assessment and consistency assessment on construction noise impacts for proposed change sites

Site ID	Summary of activities	Noise assessment (Renzo Tonin 2024)	Consistency with work assessed in Technical Report	Mitigation measures
4	Use of existing access track under M7 to allow for installation of temporary access for construction of drainage basin.	No industrial receivers within the vicinity are expected to experience noise above the NML during construction. The following number of commercial receivers within the vicinity are expected to experience noise above the NML: • three during daytime period (0 to 10 dbA above NML) • three during evening period (5 to 15 dbA above NML) • three during night period (5 to 15 dbA above NML)	• The proposed work at Site 4 is consistent with finishing works previously assessed in the EAD as it is only access to drainage works and not the construction of drainage infrastructure. • There are no substantial changes to the type of work or equipment. • The work areas extend closer to residential receivers by a marginal distance which would not affect noise levels.	Mitigation measures outlined in the EAD and approved Construction Environmental Management Plan (CEMP) would manage potential noise impacts associated with this activity. No additional mitigation measures are required.
5	Use of existing track from Wallgrove Road to access the eastern side of M7 Motorway.	No industrial or commercial receivers within the vicinity are expected to experience noise above the NML during construction.	• The proposed work at Site 5 is consistent with finishing works previously assessed in the EAD as it is only access to drainage works and not the construction of drainage infrastructure. • There are no substantial changes to the type of work or equipment. • The work areas extend closer to residential receivers by a marginal distance which would not affect noise levels.	Mitigation measures outlined in the EAD and approved Construction Environmental Management Plan (CEMP) would manage potential noise impacts associated with this activity. No additional mitigation measures are required.

Site ID	Summary of activities	Noise assessment (Renzo Tonin 2024)	Consistency with work assessed in Technical Report	Mitigation measures
8 and 9	Installation of drainage basins.	No childcare receivers within the vicinity are expected to experience noise above the NML during construction. The following number of industrial receivers within the vicinity are expected to experience noise above the NML: • one during daytime period (0 to 10 dbA above NML) • one during evening period (0 to 5 dbA above NML) • one during night period (5 to 5 above NML). The following number of commercial receivers within the vicinity are expected to experience noise above the NML: • one during daytime period (0 to 10 dbA above NML) • one during evening period (0 to 5 dbA above NML) • one during night period (0 to 5 above NML).	• The proposed work at Sites 8 and 9 is consistent with drainage works previously assessed in the EAD • There are no substantial changes to the type of work or equipment • The work areas extend closer to residential receivers by a marginal distance which would not affect noise levels.	Mitigation measures outlined in the EAD and approved Construction Environmental Management Plan (CEMP) would manage potential noise impacts associated with this activity. No additional mitigation measures are required.
10	Installation of drainage swale.	No commercial or residential receivers associated with TfNSW NCA16b, M7 NCA14, and M7 NCA13 are expected to experience noise above the NML during construction.	• This proposed work at Site 10 is consistent with drainage works previously assessed in the EAD. • There are no substantial changes to the type of work or equipment.	Mitigation measures outlined in the EAD and approved Construction Environmental Management Plan (CEMP) would manage potential noise impacts associated with this activity.

Site ID	Summary of activities	Noise assessment (Renzo Tonin 2024)	Consistency with work assessed in Technical Report	Mitigation measures
		The following number of residential receivers associated with M7 NCA16 are expected to experience noise above the NML: • two during daytime period (0 to 10 dbA above NML) • 41 during evening period (total up to 15 dbA above NML) • 77 during night period (total up to 15 dbA above NML)	• The work areas extend closer to residential receivers by a marginal distance which would not affect noise levels.	No additional mitigation measures are required.
11 and 12	Use of SUP at Sites 11 and 12 provide access to Site 10 for the construction of drainage swale.	No recreational (active), industrial, childcare, and educational receivers, and residential receivers within the vicinity associated with M7 NCA15, M12 NCA02, TfNSW NCA16b, and M7 NCA12 are expected to experience noise above the NML during construction. The following number of residential receivers associated with M7 NCA13 expected to experience noise above the NML: • six during daytime period (total upto 75 dbA above NML) • 27 during evening period (total upto 25 dbA above NML) • 56 during night period (total upto 25 dbA above NML). The following number of residential receivers associated with M7 NCA16 expected to experience noise above the NML:	• The proposed work at Sites 11 and 12 is consistent with finishing works previously assessed in the EAD as it is only access to drainage works and not the construction of drainage infrastructure. • There are no substantial changes to the type of work or equipment. • The work areas extend closer to residential receivers by a marginal distance which would not affect noise levels.	Mitigation measures outlined in the EAD and approved Construction Environmental Management Plan (CEMP) would manage potential noise impacts associated with this activity. No additional mitigation measures are required.

Site ID	Summary of activities	Noise assessment (Renzo Tonin 2024)	Consistency with work assessed in Technical Report	Mitigation measures
		• 37 during evening period (0 to 5 dbA above NML) • 120 during night period (total upto 15 dbA above NML). The following number of residential receivers associated with M7 NCA14 expected to experience noise above the NML: • 48 during daytime period (0 to 10 dbA above NML) and one (over 75 dbA above MNL) • 177 during evening period (total up to 25 dbA above NML) • 316 during night period (total up to 25 dbA above NML). The following number of residential receivers associated with M7 NCA11 expected to experience noise above the NML: • six during evening period (0 to 5 dbA above NML) • 21 during night period (total up to 15 dbA above NML). The following number of residential receivers associated with M7 NCA10 expected to experience noise above the NML: • five during night period (total up to 15 dbA above NML).		

Site ID	Summary of activities	Noise assessment (Renzo Tonin 2024)	Consistency with work assessed in Technical Report	Mitigation measures
15	Use of existing maintenance access for the construction of a noise wall	No recreational (active), places of worship, educational, childcare, commercial and industrial receivers, and residential receivers within the vicinity associated with M7 NCA7, M7 NCA14, M7 NCA13, M7 NCA12, and M7 NCA9 are expected to experience noise above the NML during construction. The following residential receivers associated with M7 NCA11 expected to experience noise above the NML: • 3 during daytime (0 to 10 dbA above NML) • 13 during evening (total up to 15 dbA above NML) • 25 during night (total up to 15 dbA above NML). The following number of residential receivers associated with M7 NCA10 expected to experience noise above the NML: • two during daytime (over 75 dbA above NML) • five during evening (total up to 25 dbA above NML) • 20 during night (total up to 15 dbA above NML). The following number of residential receivers associated with M7 NCA08 expected to experience noise above the NML:	• The proposed work at Site 15 is consistent with finishing works previously assessed in the EAD as it is only access to noise walls and not the construction of noise walls. • There are no substantial changes to the type of work or equipment beyond that already assessed. • The work areas extend closer to residential receivers by a marginal distance which would not affect noise levels that have been assessed within the approved project.	Mitigation measures outlined in the EAD and approved Construction Environmental Management Plan (CEMP) would manage potential noise impacts associated with this activity. No additional mitigation measures are required.

Site ID	Summary of activities	Noise assessment (Renzo Tonin 2024)	Consistency with work assessed in Technical Report	Mitigation measures
		• 53 during night (total up to 15 dbA above NML).		
19	Use of existing maintenance access for the construction of a noise wall	No recreational (active), industrial, recreational (passive), and educational receivers, and residential receivers associated with M7 NCA4 are expected to experience noise above the NML during construction. The following number of residential receivers associated with M7 NCA05 expected to experience noise above the NML: • five during evening period (0 to 5 dbA above NML) • 108 during night period (total up to 15 dbA above NML). The following number of residential receivers associated with M7 NCA01 expected to experience noise above the NML during the night period: • 17 during evening period (0 to 5 dbA above NML). The following number of residential receivers associated with M7 NCA06 expected to experience noise above the NML: • 29 during daytime period (0 to 10 dbA above NML)	• The proposed work at Site 19 is consistent with finishing works previously assessed in the EAD as it is only access to noise walls and not the construction of noise walls. • There are no substantial changes to the type of work or equipment beyond that already assessed. • The work areas extend closer to residential receivers by a marginal distance which would not affect noise levels that have been assessed within the approved project.	Mitigation measures outlined in the EAD and approved Construction Environmental Management Plan (CEMP) would manage potential noise impacts associated with this activity. No additional mitigation measures are required.

Site ID	Summary of activities	Noise assessment (Renzo Tonin 2024)	Consistency with work assessed in Technical Report	Mitigation measures
		• 78 during evening period (total up to 10 dbA above NML) • 91 during night period (total up to 15 dbA above NML). The following number of childcare receivers are expected to experience noise above the NML: • one during evening period (15 to 25 dBA above NML) • one during night period (15 to 25 dBA above NML).		
20	Access required via SUP to allow access for construction of noise wall.	No educational, industrial, and recreational (active) receivers, and residential receivers associated with M7 NCA15, M12 NCA02, M7 NCA12, are expected to experience noise above the NML during construction. The following number of residential receivers associated with M7 NCA13 expected to experience noise above the NML: • three during daytime (total including two over 75 dbA above NML) • nine during evening (total up to 25 dbA above NML) • 19 during night (total up to 25 dbA above NML). The following number of residential receivers associated with M7 NCA14 expected to experience noise above the NML:	• The proposed work at Site 20 is consistent with finishing works previously assessed in the EAD as it is only access to noise walls and not the construction of noise walls. • There are no substantial changes to the type of work or equipment. • The work areas extend closer to residential receivers by a marginal distance which would not affect noise levels.	Mitigation measures outlined in the EAD and approved Construction Environmental Management Plan (CEMP) would manage potential noise impacts associated with this activity. No additional mitigation measures are required.

Site ID	Summary of activities	Noise assessment (Renzo Tonin 2024)	Consistency with work assessed in Technical Report	Mitigation measures
		• 20 during daytime (0 to 10 dBA above NML) • 79 during evening (total up to 25 dBA above NML) • 153 during night (total up to 25 dBA above NML). The following number of residential receivers associated with M7 NCA11 expected to experience noise above the NML: • six during evening (0 to 5 dBA above NML) • 21 during night (total up to 15 dBA above NML). The following number of residential receivers associated with M7 NCA10 expected to experience noise above the NML: • five during evening (total up to 15 dBA above NML).		

Construction vibration

In order to comply with the cosmetic/structural damage and human discomfort criteria presented in section 3.3 of the Noise and Vibration Technical Report, vibration intensive works should not be undertaken within the minimum working distances presented in Table 4-7.

Table 4-7: Safe working distances for vibration intensive plant

Plant item	Rating/description	Safe working distance		
		Cosmetic damage (British Std 7385) — Light framed **structures**	Cosmetic **damage (DIN** 4150) Heritage and other sensitive **structures**	Human (EPA s vibration guideline)
Vibratory Roller	**<** 50 kN (Typically 1-2 t)	5 m	14 m	15 m to 20 m
	< 100 kN (Typically 2-4 t)	6 m	16 m	20 m
	< 200 kN (Typically 4-6 t)	12 m	33	40 m
	< 300 kN (Typically 7-13 t)	15 m	41	100 m
	> 300 kN (Typically 13-18 t)	20 m	54 m	100 m
	> 300 kN (> 18 t)	25 m	68 m	100 m
Small Hydraulic Hammer	(300 kg - 5 to 12 t excavator)	2 m	5 m	7
Medium Hydraulic Hammer	(900 kg — 12 to 18 t excavator)	7 m	19 m	23 m
Large Hydraulic Hammer	(1600 kg - 18 to 34 t excavator)	22 m	60 m	73 m
Vibratory Pile Driver	Sheet piles	20 m	50 m	100 m
Pile Boring	≤ 800 mm	2 m (nominal)	4 m	4 m
Jackhammer	Hand held	1 m (nominal)	2 m	2 m

In some locations, the proposed change may result in vibration intensive construction equipment being located slightly closer to sensitive receivers. As noted in the EAD, equipment size will be selected by the construction contractor and would take into account the minimum working distances and the distance between the area of construction and the nearest receiver. If vibration intensive works are required within these minimum working distances, vibration monitoring would be undertaken to determine site specific minimum working distances and to ensure that appropriate thresholds are not exceeded.

Other recommendations as outlined in section 6.2.6 of the Noise and Vibration Technical Report remain relevant. Therefore, vibration impacts as a result of the proposed change would be consistent with the EAD and additional impacts would be minimal.

4.4.4 Environmental management measures

Management measures for noise and vibration identified in the EAD are considered appropriate for the proposed change. This documentation includes the Construction Noise and Vibration Management Plan that forms part of the DPHI approved M7/M12 Integration Project CEMP.

No additional measures proposed.

4.5 Land use and property

4.5.1 Assessment methodology

Section 7.9 of the Modification 6 Report describes the methodologies used to assess land use and property impacts for the approved project.

4.5.2 Existing environment

The approved project is located in the Blacktown, Fairfield and Liverpool Local Government Areas (LGAs). The majority of the existing Westlink M7 is zoned as Infrastructure (SP2) within the study area. This includes locations where the Westlink M7 intersects other major existing roads such as the M4 Motorway, Great Western Highway and Elizabeth Drive. The remaining areas of the Westlink M7 are considered unzoned under the provisions of chapter 7 of the State Environmental Planning Policy (Precincts – Western Parkland City) 2021.

Residential zones are generally concentrated around the northern and southern portions of the study area. Although primarily comprised of low-density housing, there are areas of medium and high-density zoned land like those located near Rooty Hill train station. Several local and neighbourhood centres are located within these residential areas. Industrial zoned lands are typically comprised of general industrial zones (IN1) and light industrial zones (IN2) in the northern Blacktown region, and heavy industrial zones (IN3) in the southern Liverpool region.

The open space adjacent to the approved project is comprised of areas dedicated to recreation and reserves such as Western Sydney Parklands, and rural uses such as the primary production lots that are located to the west of the Westlink M7 in Fairfield LGA.

4.5.3 Assessment of potential impacts

The proposed change would involve minor adjustments to the construction footprint as it was described in the EAD. Potential impacts to land use and property associated with the proposed change may include impacts related to the following aspects:

- Property and temporary leases
- Land use
- Western Sydney Parkland Trust land.

Each aspect is discussed further below.

Property and temporary leases

Most of the sites required to support the construction of the approved project are already located within, or adjacent to, the existing Westlink M7 corridor and/or existing operational maintenance boundary. As part of the existing process for the approved project, some temporary leases and agreements with landowners are being actioned.

Temporary access will be required through land owned by a number of parties, including TfNSW and Liverpool City Council during construction phase only. However, the permanent works associated with the proposed change would only be located on land owned by TfNSW. Proposed change site 19 is located on land zoned R2 Low Density Residential and site 20 is zoned RU1 Primary Production under the Liverpool Local Environment Plan 2008 and as such, would require a temporary lease or agreement with Liverpool

City Council for the duration of construction. These agreements will be negotiated by the JHG interface management team.

If required, areas to be leased during construction will be surveyed to determine the pre-leased condition in accordance with M7 REMM LUP1. In accordance with M7 REMM LUP2, areas of land leased for the purposes of construction will be rehabilitated and reinstated at the end of the construction to at least equivalent standard in consultation with the landowner, or as otherwise agreed with the landowner. This will occur within six months of completion of the construction phase for the M7 Widening.

At the time of this assessment, consultation has not been completed for Sites 15 and 19 as these sites may not be utilised for the Project, however, have been assessed in this consistency assessment as a worst-case scenario. Further consultation and agreement with LCC will be completed for these sites regarding the use of land and licence, lease and/or acquisition requirements. Additional approvals via a new or updated consistency assessment confirming the outcomes of the consultation is required prior to any work commencing at these sites.

Land use

The additional sites which form part of the proposed change would be located within the same land use zones that have been assessed in the Modification 6 Report. All construction activities that would occur as part of the proposed change have been considered and assessed in the Modification 6 Report. Therefore, there would be no additional impacts to land use as a result of the proposed change.

4.5.4 Environmental management measures

Management measures for land use and property identified in the EAD are considered appropriate for the proposed change. This documentation includes the DPHI approved M7/M12 Integration Project CEMP.

No additional measures proposed.

4.6 Soils and contamination

4.6.1 Assessment methodology

Section 7.11 of the Modification 6 Report describes the methodologies used to assess soils and contamination impacts for the approved project.

4.6.2 Existing environment

The existing environment as described in section 7.11 of the Modification 6 Report is current and has not significantly changed since the assessment was performed.

There were no sites listed on the NSW EPA record of notices for sites regulated under the *Contaminated Land Management Act 1997* within 100 metres of the approved construction footprint. Some moderate to high risk contaminated sites (current potentially contaminating land use) identified in the EAD are noted to be within 100 metres of the approved construction footprint. These include the following, licenced under the *Protection of the Environment Operations Act 1997* (POEO Act):

- Veolia Environmental Services Pty Ltd and SUEZ Recycling and Recovery (Wallgrove Road, Eastern Creek)
- Veolia Environmental Services Pty Ltd (Wallgrove Road, Horsley Park)
- Aluminium specialties group (3 Alspec Place, Eastern Creek)
- BP Truck Stop (1 Wallgrove Road, Eastern Creek).

See Figures 7-112 to 7-127 in the Modification 6 Report for the location of contaminated sites relative to the M7 Motorway. As per CoA D67, Detailed Site Investigations (DSI) were conducted to confirm moderate to high-risk contaminated sites identified in the EAD.

In summary, moderate to high risk contaminated sites were identified during the DSI within Modification 6 were:

- Site 4 is potentially contaminated from a former army camp.
- Site 5 is potentially contaminated from a former army camp. It is noted that this site is only required for access and therefore unlikely to require soil disturbance.
- Site 9 is potentially contaminated from a former landfill
- Site 12 is potentially contaminated from former agricultural sheds and pens (with possible sheep or cattle dip). It is noted that this site is only required for access and therefore unlikely to require soil disturbance.

As per CoA D67, prior to ground disturbance works at Sites 4 and 9, additional testing of the soil is required in the form of a detailed site investigation (DSI). Previous investigations (as part of the Approved Project) did not identify any contamination within the footprint of site 8. For this area the unexpected finds protocol will be implemented.

If soil disturbance works are needed at Sites 5 or 12 (only needed for access so no ground disturbance expected) then additional testing of soil is required to confirm presence/absence of contamination. If contamination identified then area is to be remediated to reduce or remove the risks posed by the contamination (as per CoA D70).

As per the EAD and Construction Contaminated Land Management Plan will be implemented including an unexpected finds procedure will be implemented.

4.6.3 Assessment of potential impacts

The proposed change would involve minor adjustments to the construction footprint as it was described in the EAD.

Of the POEO Act contaminated sites outlined in section 4.6.2, it is only the boundary of Veolia Environmental Services Pty Ltd that intersects the proposed change (at site 9). This contaminated site is of concern due to waste storage, waste treatment and recovery, composting and waste disposal (landfill) occurring onsite. As impacts associated with this site was already assessed as part of the approved project, no additional impacts are anticipated at site 9.

Similarly, potential impacts associated with the moderate-risk contamination are located at:

- Sites 4 and 5 due to past presence of a former army camp
- Site 12 due to past presence of 'Former large-scale agricultural sheds and pens'

These have already been assessed as part of the approved project, no additional impacts are anticipated.

As detailed in the EAD, the potential impacts on soil and contaminated land disturbance depend primarily on the nature, extent, and magnitude of construction activities and their interaction with the natural environment. Even though the proposed change would occur at a number of locations, the activities that would be undertaken at those locations would be the same as the activities that were assessed in the EAD. Activities include:

- Construction access
- Earthworks related to construction of drainage basins.

As such, the proposed change is considered to be consistent with the approved project.

4.6.4 Environmental management measures

Management measures for soil and contamination identified in the EAD are considered appropriate for the proposed change. This documentation includes the Construction Contaminated Land Management Plan that forms part of the DPHI approved M7/M12 Integration Project CEMP.

No additional measures proposed.

4.7 Aboriginal heritage

4.7.1 Assessment methodology

The assessment for Aboriginal heritage within the proposed change sites have been informed by searches of the AHIMS database (carried out on 8 July 2024 and 12 September 2024, reviews of historical maps and plans, and a review of the EAD.

The Due Diligence Code of Practice (Department of Environment, Climate Change and Water 2010) has been used to guide the assessment of Aboriginal potential. The Code of Practice identifies five landscape features that indicate the likely existence of Aboriginal objects:

- Within 200 metres of waters
- Located within a sand dune system
- Located on a ridge top, ridge line or headland
- Located within 200 metres below or above a cliff face
- Within 20 metres of or in a cave, rock shelter, or a cave mouth.

Further detail on the assessment methodology is provided in Appendix B.

4.7.2 Existing environment

The following aspects of the existing environment, as outlined in section 7.7.4 of the Modification 6 Report, are current and have not significantly changed since the assessment was performed:

- Environmental context
  - Topography and drainage
  - Surface geology
  - Soils
  - Flora and fauna
  - Land disturbance
  - Archaeological context
  - Cumberland Plain.
- Ethnohistoric context
  - The Darug language and people
  - Food
  - Tools
  - Shelter
  - Ceremonies and rituals
  - Post contact histories.

Aboriginal Heritage Information Management System (AHIMS) searches were carried out on the 8 July 2024 and 12 September 2024. These searches found one AHIMS site associated with Site 11 and one AHIMS site associated with Site 12. The remainder of the proposed change sites did not contain any AHIMS sites.

The AHIMS sites located within of Site 11 (AHIMS ID 45-5-2723 (PAD-OS-5)) and Site 12 (AHIMS ID 45-5-2793 (PAD-OS-4)) extend beyond the boundaries of these sites and were partially destroyed during Westlink M7 construction. Furthermore, surface disturbance associated with earlier roadworks and the establishment of the existing SUP in these two zones has likely removed the potential for any surface or shallow Aboriginal objects. As activities would be limited to the existing disturbed footprint of the SUP and

road corridor and would not require new ground disturbance it is not expected that these surface works would impact any potential subsurface objects that may survive below the extent of previous ground disturbance, and therefore, there would be no impact to AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793.

4.7.3 Assessment of potential impacts

Considering the level of previous ground disturbance in these locations from the construction of the existing motorway (including SUP) as well as the planned works in the area is unlikely require ground disturbance, it is expected that the proposed works at Site 11 and Site 12 would cause no harm to Aboriginal objects if protective measures are implemented for AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793.

The other proposed change sites have been assessed as having low Aboriginal archaeological potential.

Additional impacts to Aboriginal heritage may arise through the excavation and disturbance of areas not previously assessed in the Modification 6 Report, where there is potential to encounter unidentified / nonregistered Aboriginal heritage sites. Management measures outlined in the EAD are considered adequate to avoid significant impacts to Aboriginal heritage and manage unexpected finds.

As such, impacts to Aboriginal heritage are considered consistent with impacts identified in the EAD.

4.7.4 Environmental management measures

Management measures identified in the EAD are considered appropriate for the proposed change to avoid Aboriginal cultural heritage impacts and manage unexpected finds. This documentation includes the implementation of DPHI approved M7/M12 Integration Project CEMP which includes:

- Construction Cultural Heritage Management Plan (CCHMP) (REMM H1)
- Unexpected Heritage Finds and Human Remains Procedure (REMM H1)

No additional measures proposed.

5. Consistency assessment – the Division 5.2 Approval

5.1 Minister's Conditions of Approval

The proposed change has been assessed for consistency against the against the CoA outlined in Schedule 1 (Table 5-1) and Schedule 2 (Table 5-2) of the Westlink M7 Consolidated Approval as amended on 17 February 2023 (the Consolidated Approval). Table 5-1 and Table 5-2 only include CoA that are considered relevant to the proposed change. The decision as to whether a CoA is considered relevant to the proposed change was determined based on whether there is any likelihood that the proposed change could conceivably impact the approved project's ability to meet a CoA.

The proposed change has been assessed in Table 5-1 in relation to the relevant conditions of approval.

Table 5-1: Consistency against relevant Minister's conditions of approval for the project (Schedule 1)

No.	Condition of Approval	Discussion	Consistent
1A	The Proponent must carry out Modification 6 in accordance with the terms of this approval (the conditions listed in Condition 1B of Schedule 1, and all Conditions listed in Schedule 2) and generally in accordance with the: (a) Westlink M7 Widening Modification Report prepared by Transport for NSW and dated August 2022; and (b) Westlink M7 Widening Submissions Report prepared by Transport for NSW and dated November 2022	The proposed change, as described in section 2.1, can be carried out in accordance with Condition 1A.	Yes
1B	The following Conditions listed in Schedule 1 apply to Modification 6: 1, 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 6, 6A, 26, 44, 45, 46, 67, 90, 96A, 96B, 96C, 96D, 96E, 96F, 96G, 96H, 96I, 96J, 96K, 99A, 99B, 125 (as it applies to operation), 146A, 150, 155 and 221. All other Conditions in Schedule 1 not listed in this Condition do not apply to any Work associated with Modification 6.	The proposed change would not impact on compliance with this condition.	Yes
1C	In the event of an inconsistency between:	The proposed change would be carried out in accordance with Condition 1C.	Yes

No.	Condition of Approval	Discussion	Consistent
	(a) the terms of this approval and any document listed in Condition 1 and 1A of Schedule 1 inclusive, the terms of this approval will prevail to the extent of the inconsistency; and (b) any document listed in Condition 1 and 1A of Schedule 1 inclusive, the most recent document will prevail to the extent of the inconsistency. Note: For the purpose of this condition, there will be an inconsistency between a term of this approval and any document if it is not possible to comply with both the term and the document.		
1D	The Proponent must comply with all written requirements or directions of the Planning Secretary, including in relation to: (a) the environmental performance of Modification 6; (b) any document or correspondence in relation to Modification 6; (c) any notification given to the Planning Secretary under the terms of this approval; (d) any audit of the construction or operation of Modification 6; (e) the terms of this approval and compliance with the terms of this approval (including anything required to be done under this approval); (f) the carrying out of any additional monitoring or mitigation measures; and (g) in respect of ongoing monitoring and management obligations, compliance with an updated or revised version of a guideline, protocol, Australian Standard or policy required to be complied with under this approval.	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
1E	Modification 6 must be carried out in accordance with all procedures, commitments, preventative actions, performance outcomes and mitigation measures set out in the documents listed in Condition 1A unless otherwise specified in, or required under, this approval.	The proposed change can be carried out in accordance with all procedures, commitments, preventative actions, performance outcomes and mitigation measures set out in the EAD described in Condition A1. No additional procedures, commitments, preventative actions, performance outcomes and mitigation measures are proposed as part of the proposed change.	Yes
1F	The Modification 6 approval lapses five years after the date on which it is granted, unless work has physically commenced on or before that date.	Subject to approval of this consistency assessment, the work associated with the proposed change would commence within five years of the date on which the approval was granted.	Yes
1G	References in the terms of this approval to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Australian Standards or policies in the form they are in as at the date of the Modification 6 approval, unless otherwise approved by the Planning Secretary.	The proposed change would not impact on compliance with this condition.	Yes
67	Modification 6 must be constructed and operated with the objective of minimising light spillage to surrounding properties. All lighting associated with the construction and operation of Modification 6 must be consistent with the requirements of AS/NZS 4282:2019 Control of the obtrusive effects of outdoor lighting and relevant Australian Standards in the series AS/NZ 1158 – Lighting for Roads and Public Spaces. Additionally, mitigation measures must be provided to manage any residual night lighting impacts to protect properties adjoining or adjacent to the project, in consultation with affected landowners.	The proposed change would be carried out in accordance with Condition 67. Lighting associated with construction would be managed in accordance with the CEMP.	Yes

No.	Condition of Approval	Discussion	Consistent
146A	Modification 6 must be operated so as to maintain the NSW Water Quality Objectives (ANZG 2018), and where relevant the Performance Criteria for Protecting and Improving the Blue Grid in the Wianamatta – South Creek Catchment (DPIE, 2021), where they are being achieved as at the date of this approval. Modification 6 must also contribute towards achievement of the NSW Water Quality Objectives, and, where relevant, the Performance Criteria for Protecting and Improving the Blue Grid in the Wianamatta – South Creek Catchment, over time where they are not being achieved as at the date of the approval of Modification 6.	The proposed change would be carried out in accordance with this condition. Specifically, the basins have been designed to assist in achieving the NSW Water Quality Objectives.	Yes

Table 5-2: Consistency against relevant Minister's conditions of approval for the project (Schedule 2)

No.	Condition of Approval	Discussion	Consistent
A1	For the purposes of Modification 6, the following conditions apply: (a) the conditions listed in Condition 1B of Schedule 1; and (b) all conditions listed in Schedule 2 of this approval.	The proposed change would not impact on compliance with this condition.	Yes
A8	Construction ancillary facilities (excluding minor ancillary facilities established under Condition A11 that are not identified by description and location in the documents listed in Condition 1A of Schedule 1 can only be established and used in each case if: (a) they are located within or immediately adjacent to the construction boundary; and	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	(b) they are not located next to sensitive land use(s) (including where an access road is between the facility and the land use), unless the landowner and occupier have given written acceptance to the carrying out of the relevant facility in the proposed location; and (c) they have no impacts on heritage items (including areas of archaeological sensitivity), threatened species, populations or ecological communities beyond the impacts approved under the terms of this approval; and (d) the establishment and use of the facility can be carried out and managed within the outcomes set out in the terms of this approval, including in relation to environmental, social and economic impacts.		
A9	Before the establishment of a construction ancillary facility that is required prior to the approval of a CEMP (excluding minor ancillary facilities determined by the ER to have minimal environmental impact and those established under Condition A11), the Proponent must prepare an Construction Ancillary Facility Site Establishment Management Plan which outlines the environmental management practices and procedures to be implemented for the establishment of the construction ancillary facilities. The Construction Ancillary Facility Site Establishment Management Plan must be prepared in consultation with the relevant council and government agencies. The Plan must be submitted to the Planning Secretary for approval one month before the establishment of any construction	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	ancillary facilities. The Construction Ancillary Facility Site Establishment Management Plan must detail the management of the construction ancillary facilities and include: (a) a description of activities to be undertaken during establishment of the construction ancillary facility (including scheduling and duration of work to be undertaken at the site); (b) figures illustrating the proposed site layout and the location of the closest sensitive land use(s); (c) a program for ongoing analysis of the key environmental risks arising from the site establishment activities described in subsection (a) of this condition, including an initial risk assessment undertaken prior to the commencement of site establishment work; (d) details of how the site establishment activities described in subsection (a) of this condition will be carried out to: (i) meet the performance outcomes stated in the documents listed in Condition 1A of Schedule 1, and (ii) manage the risks identified in the risk analysis undertaken in subsection (c) of this condition; and (e) a program for monitoring the performance outcomes, including a program for construction noise monitoring.		

No.	Condition of Approval	Discussion	Consistent
	Nothing in this condition prevents the Proponent from preparing individual Construction Ancillary Facility Site Establishment Management Plans for each construction ancillary facility. *Note: This plan is only needed before a CEMP is approved. Once a CEMP is approved a Construction Ancillary Facility Site Establishment Management Plan(s) is not required.*		
A10	A construction ancillary facility established under Condition A9 must not be used for Construction until the CEMP required by Condition C1, relevant CEMP Sub-plans required by Condition C4 and relevant Construction Monitoring Programs required by Condition C9 have been approved.	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
A11	Minor Ancillary Facilities can be established and used where they have been assessed in the documents listed in Condition 1A of Schedule 1 or satisfy the following criteria: (a) are located within or immediately adjacent to the construction boundary; and (b) have been assessed by the ER to have – (i) minimal amenity impacts to surrounding residences and businesses, after consideration of matters such as compliance with the Interim Construction Noise Guideline (DECC, 2009) (ICNG), traffic and access impacts, dust and odour impacts, and visual (including light spill) impacts, and (ii) minimal environmental impact with respect to waste management and flooding, and (iii) no impacts on biodiversity, soil and water, and heritage items beyond those already approved under other terms of this approval.	The proposed change would not impact on compliance with this condition.	Yes
A12	Boundary screening must be erected between construction ancillary facilities (excluding minor ancillary facilities) and adjacent to sensitive land use(s) for the duration of the time that the construction ancillary facility is in use, unless otherwise agreed with the owner and occupier of the adjacent sensitive land use(s) Boundary screening must aim to minimise visual impacts on adjacent sensitive land use(s).	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
A20	For the duration of Work until the completion of construction, or as agreed with the Planning Secretary, the approved ER must: (a) receive and respond to communication from the Planning Secretary in relation to the environmental performance of Modification 6; (b) consider and inform the Planning Secretary on matters specified in the terms of this approval; (c) consider and recommend to the Proponent any improvements that may be made to work practices to avoid or minimise adverse impact to the environment and to the community; a) review documents identified in Conditions A2, A6, A9, C1, C4 and C9 and any other documents that are identified by the Planning Secretary, to ensure they are consistent with requirements in or under this approval and if so: i. make a written statement to this effect before submission of such documents to the Planning Secretary (if those documents are required to be approved by the Planning Secretary); or ii. make a written statement to this effect before the implementation of such documents (if those documents are required to be submitted to the Planning Secretary / Department for information or are not required to be submitted to the Planning Secretary/Department); Note: The written statement must be made via the Major Projects Portal.	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
A21	The Proponent must provide the ER with documentation requested in order for the ER to perform their functions specified in Condition A20 (including preparation of the ER monthly report), as well as: (a) the complaints register (to be provided on a weekly basis where complaints have been received or as requested); and (b) a copy of any assessment carried out by the Proponent of whether proposed work is consistent with the approval (which must be provided to the ER before the commencement of the subject work).	The proposed change would not impact on compliance with this condition.	Yes
A24	The Proponent must cooperate with the AA by: (a) providing access to noise and vibration monitoring activities as they take place; (b) providing for review of noise and vibration plans, assessments, monitoring reports, data and analyses undertaken; and (c) (c) considering any recommendations to improve practices and demonstrating, to the satisfaction of the AA, why any recommendation is not adopted.	The proposed change would not impact on compliance with this condition.	Yes
A25	The approved AA must: (a) receive and respond to communication from the Planning Secretary in relation to the performance of Modification 6 in relation to noise and vibration; (b) consider and inform the Planning Secretary on matters specified in the terms of this approval relating to noise and vibration;	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	(c) consider and recommend to the Proponent, improvements that may be made to avoid or minimise adverse noise and vibration impacts; (d) review proposed night-time works to determine if sleep disturbance would occur and recommend measures to avoid sleep disturbance or appropriate additional alternative mitigation measures; (e) review noise and vibration documents required to be prepared under the terms of this approval, and should they be consistent with the terms of this approval, endorse them before submission to the Planning Secretary (if required to be submitted to the Planning Secretary) or before implementation (if not required to be submitted to the Planning Secretary); (f) (f) regularly monitor the implementation of all noise and vibration documents required to be prepared under the terms of this approval to ensure implementation is in accordance with what is stated in the document(s) and the terms of this approval; (g) notify the Planning Secretary of noise and vibration incidents in accordance with Conditions A33 and A35 of this approval; (h) in conjunction with the ER, the AA must: (i) as may be requested by the Planning Secretary help plan, attend or undertake audits of noise and vibration management of the CSSI including briefings, and site visits, (ii) in the event that conflict arises between the Proponent and the community in relation to the noise and vibration performance of Modification 6,		

No.	Condition of Approval	Discussion	Consistent
	follow the procedure in the Community Communication Strategy approved under Condition B2 to attempt to resolve the conflict, and if it cannot be resolved, notify the Planning Secretary, (iii) consider relevant minor amendments made to the Construction Ancillary Facility Site Establishment Management Plan, CEMP, relevant sub-plans and noise and vibration monitoring programs that require updating or are of an administrative nature, and are consistent with the terms of this approval and the management plans and monitoring programs approved by the Planning Secretary and, if satisfied such amendment is necessary, endorse the amendment, (this does not include any modifications to the terms of this approval), (iv) review the noise impacts of minor construction ancillary facilities, and (v) prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, a Monthly Noise and Vibration Report detailing the AA's actions and decisions on matters for which the AA was responsible in the preceding month. The Monthly Noise and Vibration Report must be submitted within seven days following the end of each month for the duration of the AA's engagement for Modification 6, or as otherwise agreed by the Planning Secretary.		

No.	Condition of Approval	Discussion	Consistent
B1	A Communication Strategy must be prepared to provide mechanisms to facilitate communication about construction and operation of Modification 6 with: (a) the community (including adjoining affected landowners and businesses, and others directly impacted by Modification 6); and (b) the relevant councils and relevant agencies.	The proposed change would be carried out in accordance with these CoA and the communication strategy would account for all works associated with the proposed change.	Yes
B2	The Communication Strategy must: (a) identify people, organisations, councils and agencies to be consulted during the design and work phases of Modification 6; (b) identify details of the community and its demographics; (c) identify timing of consultation; (d) set out procedures and mechanisms for the regular distribution of accessible information including to LOTE and CALD and vulnerable communities about or relevant to Modification 6; (e) detail the measures for advising the community in advance of upcoming construction including upcoming out-of-hours work as required by Condition D54; (f) provide for the formation of issue or location-based community forums that focus on key environmental management issues of concern to the relevant community(ies) for Modification 6; (g) set out procedures and mechanisms: (i) through which the community can discuss or provide feedback to the Proponent;	The proposed change would be carried out in accordance with these CoA and the communication strategy would account for all works associated with the proposed change.	Yes

No.	Condition of Approval	Discussion	Consistent
	(ii) through which the Proponent will respond to enquiries or feedback from the community; (iii) to resolve any issues and mediate any disputes that may arise in relation to the environmental management and delivery of Modification 6, including disputes regarding rectification or compensation; (h) address who will engage with the community, relevant councils and agencies.		
B3	The Communication Strategy must be submitted to the Planning Secretary for approval no later than one (1) month before the commencement of any Work.	The proposed change would be carried out in accordance with these CoA and the communication strategy would account for all works associated with the proposed change.	Yes
B4	Work for the purposes of Modification 6 must not commence until the Communication Strategy has been approved by the Planning Secretary.	The proposed change would be carried out in accordance with these CoA and the communication strategy would account for all works associated with the proposed change.	Yes
B5	The Communication Strategy, as approved by the Planning Secretary, must be implemented for the duration of Work and for 12 months following the completion of construction.	The proposed change would be carried out in accordance with these CoA and the communication strategy would account for all works associated with the proposed change.	Yes
B6	A Complaints Management System must be prepared and implemented before the commencement of any Work and maintained for the duration of Work and for a minimum for 12 months following completion of construction of Modification 6. *Note: In the situation where there are different entities constructing and operating Modification 6, continuity of*	The proposed change would be carried out in accordance with this CoA and complaints would be addressed as soon as practicable. The register would be provided to the Planning Secretary upon request.	Yes

No.	Condition of Approval	Discussion	Consistent
	access to the Complaints Management System must be maintained.		
B7	The following information must be available to facilitate community enquiries and manage complaints one month before the commencement of Work and for 12 months following the completion of construction: (a) a 24-hour telephone number for the registration of complaints and enquiries about Modification 6; (b) a postal address to which written complaints and enquires may be sent; (c) an email address to which electronic complaints and enquiries may be transmitted; and (d) (d) a mediation system for complaints unable to be resolved. This information must be accessible to all in the community regardless of age, ethnicity, disability or literacy level.	The proposed change would not impact on compliance with this condition.	Yes
B8	A Complaints Register must be maintained recording information on all complaints received about Modification 6 during the carrying out of any work and for a minimum of 12 months following the completion of construction. The Complaints Register must record the: (a) number of complaints received; (b) the date and time of the complaint; (c) the method by which the complaint was made; (d) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	(e) nature of the complaint; (f) means by which the complaint was addressed and whether resolution was reached, with or without mediation; and (g) if no action was taken, the reason(s) why no action was taken.		
B9	Complainants must be advised of the following information before, or as soon as practicable after, providing personal information: (a) the Complaints Register may be forwarded to government agencies, including the Department (Department of Planning and Environment, 4 Parramatta Square, 12 Darcy Street, Parramatta NSW 2150), to allow them to undertake their regulatory duties; (b) by providing personal information, the complainant authorises the Proponent to provide that information to government agencies; (c) the supply of personal information by the complainant is voluntary; and (d) the complainant has the right to contact government agencies to access personal information held about them and to correct or amend that information (Collection Statement). The Collection Statement must be included on the Proponent or development website to make prospective complainants aware of their rights under the Privacy and Personal Information Protection Act 1998 (NSW). For any complaints made in person, the	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	complainant must be made aware of the Collection Statement. *Note: Should a complainant disagree with the Collection Statement, a note to that effect must be recorded in the Complaints Register required by Condition B8.*		
B10	The Complaints Register must be provided to the Planning Secretary upon request, within the timeframe stated in the request.	The proposed change would not impact on compliance with this condition.	Yes
B11	A website or webpage providing information in relation to Modification 6 must be established before commencement of Work and be maintained for the duration of construction, and for a minimum of 24 months following the completion of construction. The following up-to-date information (excluding confidential, private, commercial information or any other information that the Planning Secretary has approved to be excluded) must be published before the relevant work commences and maintained on the website or dedicated pages including: (a) information on the current implementation status of Modification 6; (b) a copy of the documents listed in Condition 1A of Schedule 1, and any documentation relating to any modifications made to the approved project or the terms of this approval; (c) a copy of this approval in its original form, a current consolidated copy of this approval (that is, including any approved modifications to its terms), and	The proposed change would not impact on compliance with this condition. This consistency assessment will be placed on the M7 Widening project website.	Yes

No.	Condition of Approval	Discussion	Consistent
	copies of any approval granted by the Minister to a modification of the terms of this approval; (d) a copy of each statutory approval, licence or permit required and obtained in relation to Modification 6; (e) a copy of the final version of each document required under the terms of this approval; and (f) a copy of the audit reports required under this approval. Where the information / document relates to a particular work or is required to be implemented, it must be published before the commencement of the relevant work to which it relates or before its implementation. All information required in this condition must be provided on the Proponent's website, ordered in a logical sequence and which is easy to navigate. *Note: The intention of this condition is to increase transparency and for information/documents required as part of the approval to be provided proactively and publicly in an easily accessible manner. Where information is excepted by this condition, it is intended that these documents are provided in their redacted form.*		
C1	A Construction Environmental Management Plan (CEMP) must be prepared having regard to the Environmental Management Plan Guideline for Infrastructure Projects (Department of Planning, Industry and Environment, 2020).	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
C2	The CEMP must provide:	The proposed change would not impact on compliance with this condition.	Yes
	(a) a description of activities to be undertaken during construction (including the scheduling of construction); (b) details of environmental and social policies, guidelines and principles to be followed in the construction of Modification 6; (c) a program for ongoing analysis of the key environmental risks arising from the activities described in subsection (a) of this condition, including an initial risk assessment undertaken before the commencement of construction of Modification 6; (d) details of how the activities described in subsection (a) of this condition will be carried out to: (i) meet the performance outcomes stated in the documents listed in Condition 1A of Schedule 1, and as required by this approval; and (ii) manage the risks identified in the risk analysis undertaken in subsection (c) of this condition; (e) an inspection program detailing the activities to be inspected and frequency of inspections; (f) a protocol for managing and reporting any: (i) incidents; and (ii) non-compliances with this approval or statutory requirements; (g) procedures for rectifying any non-compliance with this approval identified during compliance auditing,	The CEMP and sub-plans (CTTMP and CCHMP) will be updated to incorporate the proposed change as relevant.	Yes

No.	Condition of Approval	Discussion	Consistent
	incident management or at any time during construction; (h) a list of all the CEMP Sub-plans required in respect of construction, as set out in Condition C4. Where staged construction of Modification 6 is proposed, the CEMP must also identify which CEMP Sub-plan applies to each of the proposed stages of construction; (i) an organisational chart including description of the roles and environmental responsibilities for relevant employees and any independent appointments; (j) a Worker Code of Conduct for employees, contractors and subcontractors; (k) for training and induction for employees, including contractors and sub-contractors, in relation to environmental and compliance obligations under the terms of this approval; and (l) for periodic review and update of the CEMP and all associated plans and programs *Note: CEMP(s) may reflect the construction of the project through geographical activities, temporal activities or activity based staging.*		
C3	The CEMP (and relevant CEMP sub-plans) must be endorsed by the ER and then submitted to the Planning Secretary for approval no later than one month before the commencement of construction, or where construction is staged, no later than one month before the commencement of each stage.	The proposed change would not impact on compliance with this condition.	Yes

<table>
<tr><th>No.</th><th>Condition of Approval</th><th>Discussion</th><th>Consistent</th></tr>
<tr><td>C4</td><td>The following CEMP Sub-plans must be prepared in consultation with the relevant government agencies identified for each CEMP Sub-plan. Details of all information requested by an agency during consultation must be provided to the Planning Secretary as part of any submission of the relevant CEMP Sub-plan, including copies of all correspondence from those agencies as required by Condition 1H of Schedule 1.

Table 2: CEMP Sub-plans

<table><tr><th></th><th>Required CEMP Sub-plan</th><th>Relevant government agencies to be consulted for each CEMP Sub-plan</th></tr><tr><td>(a)</td><td>Traffic and Transport</td><td>Relevant council(s)</td></tr><tr><td>(b)</td><td>Noise and Vibration</td><td>WaterNSW and relevant council(s)</td></tr><tr><td>(c)</td><td>Flora and Fauna</td><td>DPI Fisheries and relevant council(s)</td></tr><tr><td>(d)</td><td>Soil and Water</td><td>DPE Water, WaterNSW and relevant council(s)</td></tr><tr><td>(e)</td><td>Heritage</td><td>NSW Heritage and Water NSW</td></tr></table></td><td>The proposed change would not impact on compliance with this condition.
CEMP sub-plans would be updated as required to reflect the proposed change as part of the next periodic review.</td><td>Yes</td></tr>
</table>

No.	Condition of Approval	Discussion	Consistent
	Note: CEMP Sub-plan(s) may reflect the construction of the project through geographical activities, temporal activities or activity based staging		
C5	The CEMP Sub-plans must state how: (a) the environmental performance outcomes identified in the documents listed in Condition 1A of Schedule 1 will be achieved; (b) the mitigation measures identified in the documents listed in Condition 1A of Schedule 1 will be implemented; (c) the relevant terms of this approval will be complied with; and (d) issues requiring management during construction (including cumulative impacts), as identified through ongoing environmental risk analysis, will be managed through SMART principles.	The proposed change would not impact on compliance with this condition. CEMP sub-plans would be updated as required to reflect the proposed change as part of the next periodic review.	Yes
C6	Construction must not commence until the relevant CEMP(s) and CEMP Sub-plans have been approved by the Planning Secretary.	The proposed change would not impact on compliance with this condition.	Yes
C7	The CEMP(s) and CEMP Sub-plans as approved, including any minor amendments approved by the ER, must be implemented for the duration of construction.	The proposed change would not impact on compliance with this condition.	Yes
D1	In addition to the performance outcomes, commitments and mitigation measures specified in the documents listed in Condition 1A of Schedule 1, all practicable measures must be implemented to minimise and manage the emission of dust and other air pollutants	The proposed change would be carried out in accordance with this CoA and air quality impacts associated with the proposed change would be managed in accordance with the CEMP and measures outlined in Modification 6.	Yes

No.	Condition of Approval	Discussion	Consistent
	(including odours) during the construction of Modification 6.		
D2	The clearing of native vegetation must be minimised with the objective of reducing impacts to threatened ecological communities and threatened species habitat.	The footprint of the proposed change sites has been adjusted to minimise the amount of clearing which is to occur where possible while allowing for the construction of the approved project.	Yes
D3	Impacts to plant community types must not exceed those identified in the documents listed in Condition 1A of Schedule 1, unless otherwise approved by the Planning Secretary. In requesting the Planning Secretary's approval, an assessment of the additional impact(s) to plant community types and an updated ecosystem and / or species credit requirement under Condition D4 below, if required, must be provided.	The footprint of the proposed change sites has been adjusted to minimise the amount of clearing which is to occur where possible while allowing for the construction of the approved project. No impacts to PCT are included within this scope and therefore no additional ecosystem and / or species credits under Condition D4 will be required for the proposed change sites.	Yes
D4	Prior to impacts on the biodiversity values set out in Table 4 and Table 5, the number and classes of ecosystem credits and species credits (like-for-like) must be retired. Table 4: Ecosystem Credits. Refer to pg.28 of CoA Table 5: Species Credits required. Refer to pg.28 of CoA Note: Credits have been calculated using the Biodiversity Assessment Method.	The proposed change would not increase the impacts to PCTs identified in Condition 1A of Schedule 1.	Yes
D5	The requirement to retire like-for-like ecosystem credits and species credits in Condition D4 may be satisfied by	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	payment to the Biodiversity Conservation Fund of an amount equivalent to the number and classes of ecosystem credits and species credits.		
D6	Where evidence of compliance with the Ancillary rules: Reasonable steps to seek like-for-like biodiversity credits for the purpose of applying the variation rules has been provided to the Planning Secretary, variation rules may be applied to retire the relevant ecosystem credits and species credits as set out in the BAM Biodiversity Credit Report (Variation).	The proposed change would not impact on compliance with this condition.	Yes
D7	Prior to any works, additional field surveys for Southern Myotis must be undertaken. The surveys must confirm whether Southern Myotis are identified as using the construction footprint for breeding, roosting and/or foraging purposes. The survey results must be used to inform the preparation of the Construction Flora and Fauna Management Plan required by Condition C4(c) and the Microbat Management Plan proposed in the documents listed in Condition 1A of Schedule 1. *Note: If additional impacts to the Southern Myotis are required to be offset above that required in Table 5, an updated BDAR must be prepared and Table 5 modified.*	Relevant sites associated with the approved project have been surveyed in accordance with this CoA and a Microbat Management Plan was developed as part of the CFFMP. As there are no new sites (only extension of existing sites) Microbat inspections will be completed as per requirement of the overall approved project as per the CFFMP and Microbat Management Plan.	Yes
D8	Evidence of the retirement of credits in satisfaction of Condition D4 or payment to the Biodiversity Conservation Fund in satisfaction of Condition D5 must be provided to the Planning Secretary prior to impacts on the relevant biodiversity values.	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
D10	Prior to vegetation clearing, the Proponent must identify where it is practicable for Modification 6 to reuse native trees and vegetation that are to be removed. If it is not possible for Modification 6 to reuse removed native trees and vegetation, the Proponent must consult with one or more of the following; the relevant council(s), NSW National Parks & Wildlife Service, Western Sydney Parklands Trust, Greater Sydney Local Land Services, Landcare groups, DPI Fisheries and any additional relevant government agencies. This consultation should determine if: (a) hollows, tree trunks (greater than 25-30 centimetres in diameter and 2-3 metres in length), mulch, bush rock and root balls salvaged from native vegetation impacted by Modification 6; and (b) collected plant material, seeds and/or propagated plants from native vegetation impacted by Modification 6, could be used by others in habitat enhancement and rehabilitation work, before pursuing other disposal options.	The clearing of vegetation due to the proposed change, and reuse of native trees and vegetation that is removed, would be undertaken in accordance with this CoA.	Yes
D11	Revegetation and the provision of replacement trees must be informed by a Tree Survey undertaken during detailed design. The Tree Survey must identify the number, type and location of any trees to be removed, except for trees that are offset under Condition D4. The Tree Survey must be submitted to the Planning Secretary for information with the Design and Landscape Plan required under Condition D19.	Revegetation and provision of replacement trees for the proposed change would be carried out in accordance with this CoA, and would be informed by a Tree Survey.	Yes

No.	Condition of Approval	Discussion	Consistent
D12	Where trees are to be removed, the Proponent must provide a net increase in the number of replacement trees at a ratio of 2:1, except trees that are offset under Condition D4. Replacement trees must have a minimum pot size consistent with the relevant authority's plans / programs / strategies for vegetation management, street planting, or open space landscaping, or as agreed by the relevant authority(ies). Replacement trees and plantings must deliver an increase in tree canopy and aim to enhance the relevant council's position in respect of the Sydney Green Grid, unless otherwise agreed by the Planning Secretary. Note: For the purposes of this condition, the relevant authority is that State or local government authority that owns or manages the land on which the replacement trees will be planted.	The removal of trees and provision of replacement trees for the proposed change would be carried out in accordance with this CoA.	Yes
D13	Modification 6 must be constructed in a manner that minimises visual impacts of construction ancillary facilities, including providing screening of ancillary facilities, minimising light spill, and incorporating finishes within key elements of temporary structures that reflect the context within which the construction sites are located, including recognition of Country.	The proposed change would not impact on compliance with this condition.	Yes
D30	Unless otherwise agreed by the Planning Secretary, Modification 6 must be built to limit impacts on flooding characteristics in areas outside the project boundary during any flood event up to and including the 1% AEP flood event, to the following:	The proposed change would be carried out in accordance with this condition. Specifically, the basins have been design to limit impacts on flooding outside of the project boundary.	Yes

No.	Condition of Approval	Discussion	Consistent
	(a) a maximum increase in inundation time of one hour; (b) a maximum increase of 10 mm in above-floor inundation to habitable rooms where floor levels are currently exceeded; (c) no above-floor inundation of habitable rooms which are currently not inundated; (d) a maximum increase of 50 mm in inundation of land zoned as residential, industrial or commercial; (e) a maximum increase of 100 mm in inundation of land zoned as rural, primary production, environment zone or public recreation; (f) no significant increase in the flood hazard or risk to life; and (g) maximum relative increase in velocity of 10%, where the resulting velocity is greater than 1.0 m/s, unless adequate scour protection measures are implemented and/or the velocity increases do not exacerbate erosion as demonstrated through site-specific risk of scour or geomorphological assessments. Where the requirements set out in clauses (d), (e) and (g) cannot be met alternative flood levels or mitigation measures may be agreed to with the affected landowner. In the event that the Proponent and the affected landowner cannot agree on the measures to mitigate the impact as described in clauses (d), (e) and (g), the Proponent must engage a suitably qualified and		

No.	Condition of Approval	Discussion	Consistent
	experienced independent person to advise and assist in determining the impact and relevant mitigation measures.		
D32	All reasonable steps must be taken so as not to harm, modify or otherwise impact Aboriginal objects.	The proposed change would not impact on compliance with this condition.	Yes
D33	The LALCs and the stakeholders identified in Appendix E of the Submissions Report (if interest is expressed in further consultation) must be kept regularly informed about Modification 6. The LALCs must continue to be provided with the opportunity to be consulted about the Aboriginal cultural heritage management requirements of Modification 6.	The proposed change would be carried out in accordance with this condition. The Aboriginal assessment carried out for this proposed change (refer to section 4.7) concluded that it is unlikely. In order to avoid impacts to other/unknown Aboriginal objects, the proposed change would be carried out in accordance with Aboriginal heritage management measures outlined in the EAD and the CCHMP.	Yes
D34	Where previously unidentified Aboriginal objects are discovered, all work must immediately stop in the vicinity of the affected area. Works potentially affecting the previously unidentified objects and places must not recommence until Heritage NSW has been informed. The measures to consider and manage this process must be specified in the Unexpected Heritage Finds and Human Remains Procedure required by Condition D35 and include registration in the Aboriginal Heritage Information Management System (AHIMS).	If previously unidentified Aboriginal objects are discovered during construction of the proposed change, works would be managed in accordance with this condition by following the management measures within the CCHMP.	Yes
D35	An Unexpected Heritage Finds and Human Remains Procedure must be prepared to manage unexpected heritage finds (including maritime discoveries) in accordance with any guidelines and standards	Unexpected finds within the area of the proposed change would be managed in accordance with the Unexpected Heritage Finds and Human Remains	Yes

No.	Condition of Approval	Discussion	Consistent
	prepared by Heritage NSW and submitted to the Planning Secretary for information before the commencement of Work. The procedure must be included in the Heritage CEMP Plan required by Condition C4.	Procedure developed under this condition (as detailed within the CCHMP).	
D36	The Unexpected Heritage Finds and Human Remains Procedure, as submitted to the Planning Secretary, must be implemented for the duration of Work. Where archaeological investigations have been undertaken as a result of Unexpected Finds notifications then a Final Archaeological Report must be provided in accordance with Heritage Council guidance and standard requirements for final reporting under Excavation Permits. *Note: Human remains that are found unexpectedly during the carrying out of work may be under the jurisdiction of the NSW State Coroner and must be reported to the NSW Police immediately.*	The proposed change would not impact on compliance with this condition.	Yes
D38	Work must be undertaken during the following hours: (a) 7:00 am to 6:00 pm Mondays to Fridays, inclusive; (b) 8:00 am to 6:00 pm Saturdays; and (c) (c) at no time on Sundays or public holidays.	Construction works associated with the proposed change would be undertaken during standard construction hours except as permitted by another CoA or as permitted by an Environmental Protection Licence (EPL).	Yes
D39	Except as permitted by an EPL, highly noise intensive works that result in an exceedance of the applicable NML at the same receiver must only be undertaken:	Any highly noise intensive works associated with the proposed change that result in an exceedance of the	Yes

No.	Condition of Approval	Discussion	Consistent
	(a) between the hours of 8:00 am to 6:00 pm Monday to Friday; (b) between the hours of 8:00 am to 1:00 pm Saturday; and (c) if continuously, then not exceeding three (3) hours, with a minimum cessation of work of not less than one hour. For the purposes of this condition, 'continuously' includes any period during which there is less than one hour between ceasing and recommencing any of the work.	applicable NML at the same receiver would be undertaken in accordance with this condition.	
D40	Notwithstanding Conditions D38 and D39 work may be undertaken outside the hours specified in the following circumstances (a, b or c): (a) Safety and Emergencies, including: (i) for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or (ii) where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm. On becoming aware of the need for emergency work in accordance with Condition D40(a), the AA, the ER, the Planning Secretary and the EPA must be notified of the reasons for such work. Best endeavours must be used to notify all noise and/or vibration affected residents and owners/occupiers of properties identified sensitive land use(s) of the likely impact and duration of those work.	Any works undertaken outside of standard hours within the proposed change would be undertaken in accordance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	(b) Work that meets any of the following criteria: (i) Work that causes LAeq(15 minute) noise levels: • no more than 5 dB(A) above the rating background level at any residence in accordance with the ICNG, and • no more than the 'Noise affected' NMLs specified in Table 3 of the ICNG at other sensitive land use(s); or (ii) LAFmax(15 minute) noise levels no more than 15 dB(A) above the rating background level at any residence during the night time period; and; (iii) Work that causes: • continuous or impulsive vibration values, measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006), or • intermittent vibration values measured at the most affected residence are no more than the preferred values for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006). (c) By Approval, including: (i) where different construction hours are permitted or required under an EPL in force in respect of Modification 6; or		

No.	Condition of Approval	Discussion	Consistent
	(ii) works which are not subject to an EPL that are approved under an Out-of-Hours Work Protocol as required by Condition D41; or (iii) negotiated agreements with directly affected residents and sensitive land use(s).		
D41	An Out-of-Hours Work Protocol must be prepared to identify a process for the consideration, management and approval of work which is outside the hours defined in Condition D38, and that are not subject to an EPL. The Protocol must be prepared in consultation with the ER and AA. The Protocol must include: (a) identification of low and high-risk activities and an approval process that considers the risk of activities, proposed mitigation, management, and coordination, including where: (i) the ER and AA review all proposed out-of-hours activities and confirm their risk levels, (ii) low risk activities can be approved by the ER in consultation with the AA, and (iii) high risk activities that are approved by the Planning Secretary; (b) a process for the consideration of out-of-hours work against the relevant NML and vibration criteria; (c) a process for selecting and implementing mitigation measures for residual impacts in consultation with the community at each affected location, including respite periods consistent with the requirements of Condition D60. The measures must take into account the predicted noise levels and the likely frequency and duration of the out-of-hours works	Any works undertaken outside of standard hours as part of the proposed change would be undertaken in accordance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	that sensitive land use(s) would be exposed to, including the number of noise awakening events; (d) procedures to facilitate the coordination of out-of-hours work including those approved by an EPL or undertaken by a third party, to ensure appropriate respite is provided; and (e) notification arrangements for affected receivers for approved out-of-hours work and notification to the Planning Secretary of approved low risk out-ofhours works. The Protocol must be submitted to and approved by the Planning Secretary before commencement of the out-of-hours work and implemented during Work which is outside the hours defined in Conditions D38 and not subject to an EPL. Adherence to the Protocol does not apply if the requirements of Condition D40(a) or (b) are met. *Notes:* 1. *Conditions D54 and D55 provide additional parameters to be considered.* 2. *If the Work is subject to an EPL and the EPA does not endorse extended hours as part of the EPL, the extended hours cannot be considered under this Protocol.*		
D42	Mitigation measures must be implemented with the aim of achieving the following construction noise and vibration outcomes:	The proposed change would be carried out in accordance with Condition D42. Works undertaken as part of the proposed change would be managed in accordance with the Noise and Vibration CEMP sub-plan.	Yes

No.	Condition of Approval	Discussion	Consistent
	(a) construction 'Noise affected' NMLs established using the Interim Construction Noise Guideline (DECC, 2009); (b) vibration criteria established using the Assessing vibration: a technical guideline (DEC, 2006) (for human exposure); (c) Australian Standard AS 2187.2 - 2006 "Explosives - Storage and Use - Use of Explosives"; (d) BS 7385 Part 2-1993 "Evaluation and measurement for vibration in buildings Part 2" as they are "applicable to Australian conditions"; and (e) the vibration limits set out in the German Standard DIN 4150-3: Structural Vibrationeffects of vibration on structures (for structural damage). Work that exceeds the noise management levels and/or vibration criteria must be managed in accordance with the Noise and Vibration CEMP Sub-plan. *Note: The ICNG identifies 'particularly annoying' activities that require the addition of 5 dB(A) to the predicted level before comparing to the construction NML*		
D44	Mitigation measures must be applied when the following residential ground-borne noise levels are exceeded: (a) evening (6:00 pm to 10:00 pm) — internal LAeq(15 minute): 40 dB(A); and	Ground-borne noise associated with the proposed change would be managed in accordance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	(b) night (10:00 pm to 7:00 am) — internal LAeq(15 minute): 35 dB(A). The mitigation measures must be outlined in the Noise and Vibration CEMP Sub-plan, including in any Out-of-Hours Work Protocol, required by Condition D41.		
D45	Noise generating work in the vicinity of community, religious, educational institutions, noise and vibration-sensitive businesses and critical working areas (such as theatres, laboratories and operating theatres) resulting in noise levels above the NMLs must not be timetabled during sensitive periods, unless other reasonable arrangements with the affected institutions are made at no cost to the affected institution	Works undertaken as part of the proposed change which are in the vicinity of noise and vibration sensitive receivers and critical work areas would be in undertaken in accordance with this condition.	Yes
D46	At no time can noise generated by construction exceed the National Standard for exposure to noise in the occupational environment of an eight-hour (8hr) equivalent continuous A-weighted sound pressure level of LAeq,8h of 85 dB(A) for any employee working at a location near Modification 6.	The proposed change would be carried out in accordance with Condition D46.	Yes
D47	Construction Noise and Vibration Impact Statements (CNVIS) must be prepared for work that may exceed the noise management levels, vibration criteria and/or ground-borne noise levels specified in Condition D42 and Condition D44 at any residence outside construction hours identified in Condition D38, or where receivers will be highly noise affected. The CNVIS must include specific mitigation measures identified through consultation with affected sensitive land use(s) and the	Works associated with the proposed change would be carried out in accordance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	mitigation measures must be implemented for the duration of the works. A copy of the CNVIS must be provided to the AA and ER prior to the commencement of the associated works. The Planning Secretary may request a copy/ies of CNVIS.		
D48	Owners and occupiers of properties at risk of exceeding the screening criteria for cosmetic damage must be notified before work that generates vibration commences in the vicinity of those properties. If the potential exceedance is to occur more than once or extend over a period of 24 hours, owners and occupiers are to be provided a schedule of potential exceedances on a monthly basis for the duration of the potential exceedances, unless otherwise agreed by the owner and occupier. These properties must be identified and considered in the Noise and Vibration CEMP Sub-plan required by Condition C4 and the Community Communication Strategy required by Condition B1.	Vibration intensive works associated with the proposed change would be managed in accordance with this condition.	Yes
D49	Industry best practice construction methods must be implemented where reasonably practicable to ensure that noise levels are minimised. Practices must include, but are not limited to: (a) use of regularly serviced low sound power equipment; (b) early occupation and later release of road carriageways and construction sites;	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	(c) scheduling of noisiest works before 11.00 pm Sunday to Thursday and before 12 midnight Friday and Saturday; (d) temporary noise barriers (including the arrangement of plant and equipment) around noisy equipment and activities such as rock hammering and concrete cutting; and (e) use of alternative construction and demolition techniques.		
D50	Vibration testing must be undertaken before and during vibration generating activities that have the potential to impact on heritage items to identify minimum working distances to prevent cosmetic damage. In the event that the vibration testing and attended monitoring shows that the preferred values for vibration are likely to be exceeded, the construction methodology must be reviewed and, if necessary, additional mitigation measures implemented.	The proposed change would not impact on compliance with this condition.	Yes
D51	Advice from a heritage specialist must be sought on methods and locations for installing equipment used for vibration, movement and noise monitoring at heritage-listed structures.	The proposed change would not impact on compliance with this condition.	Yes
D52	Before conducting at-property treatment at any heritage item identified in the documents listed in Condition 1A of Schedule 1, the advice of a suitably qualified and experienced built heritage expert must be obtained and implemented to ensure any such work does not have	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	an adverse impact on the heritage significance of the item		
D53	All work undertaken for the delivery of Modification 6, including those undertaken by third parties (such as utility relocations), must be coordinated to ensure respite periods are provided. This must include: (a) rescheduling work to provide respite to impacted noise sensitive land use(s) so that the respite is achieved in accordance with Condition D54; or (b) the provision of alternative respite or mitigation to impacted noise sensitive land use(s); and (c) the provision of documentary evidence to the AA in support of any decision made in relation to respite or mitigation. The consideration of respite must also include all other CSSI, SSI and SSD projects which may cause cumulative and/or consecutive impacts at receivers affected by the delivery of Modification 6.	The proposed change would not impact on compliance with this condition.	Yes
D54	In order to undertake out-of-hours work outside the hours specified under Condition D38, the appropriate respite periods must be identified for the out-of-hours work in consultation with the community at each affected location on a regular basis. This consultation must include (but not be limited to) providing the community with: (a) a progressive schedule for periods no less than three (3) months, of likely out-of-hours work;	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	(b) a description of the potential work, location and duration of the out-of-hours work; (c) the noise characteristics and likely noise levels of the work; and (d) (d) likely mitigation and management measures which aim to achieve the relevant noise management levels and vibration criteria under Condition D42 (including the circumstances of when respite or relocation offers will be available and details about how the affected community can access these offers). The outcomes of the community consultation, the identified respite periods and the scheduling of the likely out-of-hour work must be provided to the AA, ER, EPA and the Planning Secretary for information prior to undertaking the work scheduled for the subject period. *Note: Respite periods can be any combination of days or hours where out-of-hours work would not be more than 5 dB(A) above the rating background noise level at any residence.*		
D55	Work outside the hours specified in Condition D38 which result in an exceedance of the relevant NML at the same sensitive land use(s) can only be undertaken in accordance with the following (a) two consecutive evenings and/or nights per week; or (b) three non-consecutive evenings and/or nights per week; or (c) 10 evenings and/or nights per month; or (d) except as identified by an EPL; or	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	(e) in accordance with an agreement with a potentially impacted receiver(s) as required by Condition D40(c)(iii).		
D56	Mitigation measures such as temporary alternative accommodation or other agreed mitigation measures, must be offered/ made available to residents affected by out-of-hours Work (including where utility works are being undertaken for Modification 6 or under a road occupancy licence) where the construction noise levels between: (a) 10:00 pm and 7:00 am, Monday to Friday; (b) 10:00 pm Saturday to 8:00 am Sunday; and (c) 6:00 pm Sunday and public holidays to 7:00 am the following day unless that day is Saturday then to 8:00 am, are predicted to exceed the NML by 25 dB(A) or are greater than 75 dBA (LAeq(15 min)), whichever is the lesser and the impact is planned to occur for more than two (2) nights over a seven (7) day rolling period. The NML must be reduced by 5 dB where the noise contains annoying characteristics and may be increased by 10 dB if the property has received at-property noise treatment. The noise levels and duration requirements identified in this condition may be changed through an EPL applying to Modification 6.	The proposed change would not impact on compliance with this condition.	Yes
D57	The Proponent must identify the utilities and services (hereafter “services”) potentially affected by construction to determine requirements for diversion,	Any utilities and service identified within the proposed change would be managed in accordance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	protection and/or support. Alterations to services must be determined by negotiation between the Proponent and the service providers. The Proponent in consultation with service providers must ensure that disruption to services resulting from the Activity are avoided where practical and advised to customers.		
D58	The Proponent must offer pre-construction surveys to the owners of surface and sub-surface structures and other relevant assets identified at risk from vibration, including all listed heritage items and buildings/structures of heritage significance as identified in the documents listed in Condition 1A of Schedule 1. Where the offer is accepted, the survey must be undertaken by a suitably qualified and experienced engineer and/or building surveyor prior to the commencement of vibration generating works that could impact on the structure/asset. The results of each survey must be documented in a Preconstruction Condition Survey Report and the report must be provided to the owner of the item(s) surveyed no later than one month before the commencement of all other potentially impacting works.	Where the proposed change is outside of the M7 lease areas, a pre- and post-construction condition survey will be undertaken to capture the state of the area subject to the proposed change prior to Works occurring so that any damage can be rectified as required. The proposed change would not impact on compliance with this condition.	Yes
D59	Where pre-construction surveys have been undertaken in accordance with Condition D58, subsequent post-construction surveys of the structure / asset must be undertaken by a suitably qualified and experienced engineer and/or building surveyor to assess damage that may have resulted from the vibration-generating works. The results of the post-construction surveys must be documented in a Post-Construction Condition	Where the proposed change is outside of the M7 lease areas, a pre- and post-construction condition survey will be undertaken to capture the state of the area subject to the proposed change prior to Works occurring so that any damage can be rectified as required.	Yes

No.	Condition of Approval	Discussion	Consistent
	Survey Report for each item surveyed. The Postconstruction Condition Survey Reports must be provided to the owner of the structures/assets surveyed, and no later than four months following the completion of construction activities that have the potential to impact on the structure / asset.	The proposed change would not impact on compliance with this condition.	
D60	Where damage has been determined to occur as a result of Modification 6, the Proponent must carry out rectification at its expense and to the reasonable requirements of the owner of the structure/asset within nine months of the completion of construction activities that have the potential to create damage unless another timeframe is agreed with the owner. Alternatively, the Proponent may pay compensation for the damage as agreed with the owner	The proposed change would not impact on compliance with this condition.	Yes
D63	Access to construction compounds or works must not occur on National Parks and Wildlife Service (NPWS) estate as part of this modification unless authorisation is granted by NPWS under the National Parks and Wildlife Act 1974 (NPW Act) or the National Parks and Wildlife Regulation 2019. The Western Sydney Regional Park must not be used to gain access to the construction footprint, ancillary facilities, or for the storage of materials, equipment, workers' vehicles or machinery at any time, unless authorisation is granted by NPWS under the National Parks and Wildlife Act 1974 (NPW Act) or the National Parks and Wildlife Regulation 2019.	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
D64	Prior to any works adjacent to the Western Sydney Regional Park, demarcation of the construction boundary must be undertaken to reduce the risk of accidental encroachments or damage to the park.	The proposed change would not impact on compliance with this condition.	Yes
D65	Prior to the commencement of any Work that results in the disturbance of land in any particular area, erosion and sediment controls must be installed and maintained, as a minimum, in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom 2004) commonly referred to as the 'Blue Book'.	Works as part of the proposed change which result in the disturbance of land would be managed in accordance with the Blue Book.	Yes
D67	Detailed Site Investigations to confirm moderate and high risk contaminated sited identified in Preliminary Site Investigation in Condition 1A of Schedule 1 must be prepared, or reviewed and approved by a Contaminated Land Consultant certified under either the Environment Institute of Australia or New Zealand's "Certified Environmental Practitioner" (Site Contamination) scheme (CEnvP(SC)) or the Soil Science Australia "Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme. The Detailed Site Investigations must be undertaken before ground disturbance in areas identified in the documents under Condition 1A of Schedule 1 as moderate to high risk contamination.	As identified in Section 4, prior to construction and ground disturbance works at Sites 4 and 9, additional testing of the soil is required (and Sites 5 and 12 if soil disturbance required). Geofabric would be placed below any material that placed within the corridor to prevent any possibility of ground disturbance occurring when moving material. As per the EAD and Construction Contaminated Land Management Plan will be implemented including an unexpected finds procedure will be implemented.	Yes

No.	Condition of Approval	Discussion	Consistent
D68	if a Detailed Site Investigation identifies moderate or high risk contamination, a NSW EPA accredited Site Auditor must be engaged to provide independent oversight for any work required in relation to areas of moderate or high risk contamination is appropriately managed.	Prior to any additional DSI's, a NSW EPA accredited Site Auditor will be engaged to oversee the assessment.	Yes
D69	A Detailed Site Investigation Report must be prepared and submitted to the Planning Secretary for information following the completion of Detailed Site Investigations required by Condition D67 and: (a) be prepared (or reviewed and approved) by a Contaminated Land Consultant certified under either the Environment Institute of Australia or New Zealand's "Certified Environmental Practitioner" (Site Contamination) scheme (CEnvP(SC)) or the Soil Science Australia "Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme; (b) be prepared in accordance with relevant guidelines made or approved by the EPA under section 105 of the Contaminated Land Management Act 1997 (NSW); and (c) be reviewed by a NSW EPA-accredited Site Auditor (if a Detailed Site Investigation identify moderate or high-risk contamination). The Site Auditor must issue interim audit advice stating whether the Detailed Site Investigations appropriately categorises risk, the appropriateness of the Report and any proposed management measures. The Detailed Site Investigation Report and interim audit	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	advice must be submitted to the Planning Secretary for information. Nothing in this condition prevents the Proponent from preparing individual Site Contamination Reports for separate sites.		
D70	If remediation is required to make land suitable for the intended land use, a Remedial Action Plan must: (a) be prepared (or reviewed and approved) by consultants certified under either the Environment Institute of Australia and New Zealand's Certified Environmental Practitioner (Site Contamination) scheme (CEnvP(SC)) or the Soil Science Australia Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme; and (b) be prepared in accordance with relevant guidelines made or approved by the EPA under section 105 of the Contaminated Land Management Act 1997; (c) include measures to remediate the contamination at the site to ensure the site will be suitable for the proposed use and detail how the environmental and human health risks will be managed during the disturbance, remediation and/or removal of contaminated soil/sediment or groundwater; and (d) be reviewed by a NSW EPA-accredited Site Auditor. The Site Auditor must issue a Section B Site Audit Statement or interim audit advice which certifies that the Remedial Action Plan is appropriate to remediate identified contamination.	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	Nothing in this condition prevents the preparation of individual Remedial Action Plans for separate sites.		
D75	An Unexpected Finds Procedure for Contamination must be prepared before the commencement of Work. The procedure must: (a) be followed should unexpected contamination or asbestos (or suspected contamination) be excavated or otherwise discovered, (b) include details of who will be responsible for implementing the unexpected finds procedure and the roles and responsibilities of all parties involved; and (c) be prepared, (or reviewed and approved), by consultants certified under either the Environment Institute of Australia and New Zealand's Certified Environmental Practitioner (Site Contamination) scheme (CEnvP(SC)) or the Soil Science Australia Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme. Note: Should any unexpected moderate to high risk contamination be identified during Work, the contamination process identified in the conditions above applies.	The proposed change would not impact on compliance with this condition.	Yes
D76	The Unexpected Finds Procedure for Contamination must be implemented during Work.	The proposed change would not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
D80	Access to all utilities and properties must be maintained during construction, where practicable, unless otherwise agreed with the relevant utility owner, landowner or occupier.	The proposed change would not impact access to utilities or properties where an agreement with the relevant utility owner, landowner or occupier has not been previously been reached.	Yes
D81	Any property access physically affected by Modification 6 must be reinstated to at least an equivalent standard, unless otherwise agreed by the landowner or occupier.	Any property access physically affected by the proposed change will be reinstated to at least an equivalent standard, unless otherwise agreed by the landowner or occupier	Yes
D83	Local roads proposed to be used by heavy vehicles to directly access the construction boundary and ancillary facilities that are not listed in Table 6-6 of Appendix D of the Modification Report (as listed in Condition 1A(a) of Schedule 1) must be approved by the Planning Secretary and included in the Traffic, Transport and Access Management CEMP Sub-plan.	As Hemsworth Avenue and Barcelona Drive are not listed in Table 6-6 of Appendix D of the Modification Report (Modification 6), approval to use these local roads for heavy vehicle access (via Local Road Access approvals) will be sought in accordance with this condition. No heavy vehicles will use Hemsworth Avenue and Barcelona Drive until approval has been granted from the Planning Secretary.	Yes
D84	All requests to the Planning Secretary under Condition D83 must include a traffic and pedestrian impact assessment and be prepared in consultation with the relevant council(s). The assessment must be undertaken by an appropriately qualified and experienced person and must include a swept path analysis if required by the Department. The traffic and pedestrian impact assessment must: (a) demonstrate that the use of local roads will not compromise the safety of the public and have no more than minimal amenity impacts;	Approvals sought under condition D83 for Hemsworth Avenue and Barcelona Drive would include the information required by this condition.	No

No.	Condition of Approval	Discussion	Consistent
	(b) provide details as to the date of completion of road dilapidation surveys for the subject local roads; and (c) describe the measures that will be implemented to avoid where practicable the use of local roads past schools, aged care facilities and childcare facilities during peak times for operation. The outcomes and recommendations of the traffic and pedestrian impact assessment must be incorporated into the Construction Ancillary Facility Site Establishment Management Plan or Traffic Management CEMP Sub-plan as relevant.		
D85	Before any local road is used by a heavy vehicle for the purposes of the modification, a Road Dilapidation Report must be prepared for the road unless otherwise agreed to by the relevant road authority. A copy of the Road Dilapidation Report must be provided to the relevant council within three weeks of completion of the survey and no later than two weeks before the road being used by heavy vehicles associated with Modification 6. If damage to roads occurs as a result of the construction of the modification, the Proponent must rectify the damage to restore the road to at least the condition it was in pre-construction in consultation with the relevant road authority. Rectification works must be undertaken within three months of the subject road no longer being used for the construction of Modification 6 unless an alternative timeframe is agreed to by the relevant road authority.	A Road Dilapidation Report will be prepared for any additional roads to be utilised to access the proposed change. Roads would be accessed in accordance with CoA D83 and D84.	Yes

No.	Condition of Approval	Discussion	Consistent
D87	Safe pedestrian and cyclist access must be maintained around work sites during construction. In circumstances where pedestrian and cyclist access is restricted or removed due to construction activities, a proximate alternative route which complies with relevant standards, unless otherwise endorsed by an independent, appropriately qualified and experienced person, must be provided (including signposting) prior to the restriction or removal of the impacted access.	The proposed change would require temporary closures to the SUPs at Sites 5, 10, 11, 12, 15 and 20. Diversions for cyclists and pedestrians or traffic control would be in place for the duration of construction activities at these sites. Following construction activities, rectification of these SUPs would be carried out and public access reinstated.	Yes
D89	During construction, all practicable measures must be implemented to maintain pedestrian and vehicular access to, and parking in the vicinity of, businesses and affected properties. Disruptions are to be avoided, and where avoidance is not possible, minimised. Where disruption cannot be minimised, alternative pedestrian and vehicular access, and parking arrangements must be developed in consultation with affected businesses and implemented prior to the disruption. Adequate signage and directions to businesses must be provided prior to, and for the duration of, any disruption.	The proposed change would not impact on compliance with this condition. Access would be maintained to nearby businesses and properties.	Yes
D91	Temporary active transport facilities and detours must be designed, constructed and/or rectified in accordance with: (a) the process set out in the Movement and Place Framework (NSW Government) and the Cycleway Design Toolbox: Designing for Cycling and Micromobility (TfNSW, 2020);	The proposed change would require temporary closures to the SUPs at Sites 5, 10, 11, 12, 15 and 20. Diversions for cyclists and pedestrians or traffic control would be in place for the duration of construction activities at these sites in accordance with this condition. Following construction activities, rectification of these SUPs would be carried out and public access reinstated.	Yes

No.	Condition of Approval	Discussion	Consistent
	(b) (b) the Guide to Road Design Part 6A: Paths for Walking and Cycling (Austroads 2017) where not otherwise covered by (a); (c) relevant Australian Standards (AS) such as AS 1428.1-2009 Design for access and mobility; (d) relevant Crime Prevention Through Environmental Design (CPTED) principles; and (e) recommendations arising from consultation with relevant Councils, Bicycle NSW, Bike North, the CAMWEST Bicycle User Group and other relevant local bicycle user groups, where reasonable. Where site constraints prevent the provision of temporary active transport facilities that achieve the requirements of (a) - (e) listed above, the Proponent must write to the Planning Secretary identifying: (i) where the temporary active transport facilities are located; and (ii) which elements of the requirements of Condition D91 (a) - (e) cannot be met and why this is acceptable. Note: In the event of an inconsistency, the latest guidance document prevails to the extent of the inconsistency.		
D94	Modification 6 must not preclude Blacktown City Council's delivery of the Mavis Street – Blacktown International Sports Park active transport link. The Proponent must facilitate an interface agreement with Blacktown City Council and provide access to Council until 31 December 2023 to enable the construction of the active transport link by this date. If Council has not	The proposed change will not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	commenced construction of the active transport link by 30 June 2023 to enable completion of construction by 31 December 2023, the Proponent must facilitate access to Council as soon as construction in this area is completed to facilitate construction of the active transport link.		
D96	An independent Road Safety Audit must be undertaken to assess the safety performance of new or modified local road, parking, pedestrian and cycle infrastructure provided as part of Modification 6 (including ancillary facilities) to ensure that they meet the requirements of relevant design, engineering and safety guidelines, including Austroads Guide to Traffic Management. The audit must be undertaken by an appropriately qualified and experienced person during detailed design development (audit of plans) and prior to opening (pre-opening audit). The audit findings and recommendations of the detailed design plans (audit of the plans) must be actioned prior to construction of the relevant infrastructure. The pre-opening audit findings and recommendations must be actioned prior to the relevant infrastructure being made available for use.	The proposed change does not include the construction of new or modified local roads, parking, pedestrian and cycle infrastructure. Following construction activities, rectification of these SUPs at Sites 5, 10, 11, 12, 15 and 20 would be carried out and public access reinstated.	Yes
D99	A Utilities Management Strategy must be prepared and implemented for all utility work undertaken as a result of the SSI. The Strategy must identify how utility Work (excluding Low Impact Work) will be defined and	Any utility work require for the proposed change would be conducted in accordance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	managed. The Utilities Management Strategy must include: (a) A description of all utility Work to be undertaken; and (b) Management measures to be implemented to manage dust, noise, traffic, access, lighting and other relevant impacts associated with utility Work. The Utilities Management Strategy must be submitted to the Planning Secretary for approval at least one month before the commencement of utility Work.		
D101	Waste generated during construction and operation must be dealt with in accordance with the following priorities: (a) waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced; (b) where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and (c) (c) where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.	The proposed change will not impact on compliance with this condition.	Yes
D102	The importation of waste and the storage, treatment, processing, reprocessing or disposal of such waste must comply with the conditions of the EPL for Modification 6, or be done in accordance with a Resource Recovery Exemption or Order issued under the Protection of the Environment Operations (Waste) Regulation 2014, as the case may be.	The proposed change will not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
D103	Waste must only be exported to a site licensed by the EPA for the storage, treatment, processing, reprocessing or disposal of the subject waste, or in accordance with a Resource Recovery Exemption or Order issued under the Protection of the Environment Operations (Waste) Regulation 2014, or to any other place that can lawfully accept such waste, except in accordance with Condition D10.	The proposed change will not impact on compliance with this condition.	Yes
D104	All waste must be classified in accordance with the EPA's Waste Classification Guidelines, with appropriate records and disposal dockets retained for audit purposes.	The proposed change will not impact on compliance with this condition.	Yes
D105	Modification 6 must be designed and constructed so as to maintain the NSW Water Quality Objectives (ANZG 2018) where they are being achieved as at the date of this approval, and contribute towards achievement of the NSW Water Quality Objectives over time where they are not being achieved as at the date of this approval, unless an EPL in force in respect of Modification 6 contains different requirements in relation to the NSW Water Quality Objectives, in which case those requirements must be complied with. Note: If it is proposed to discharge construction stormwater to waterways, a Water Pollution Impact Assessment will be required to inform licensing, consistent with section 45 of the POEO Act. Any such assessment must be prepared in consultation with the EPA and be consistent with the National Water Quality	The proposed change will not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	Guidelines, with the level of detail commensurate with the potential water pollution risk.		
D106	Works on waterfront land and within watercourses must have regard to Guidelines for controlled activities on waterfront land (NRAR, 2018). This includes outlets and watercourse crossings.	The proposed change will not impact on compliance with this condition.	Yes
D107	Proposed revegetation within riparian zones should have regard to NRARs guidelines for Vegetation Management Plans and accommodate an appropriately structured vegetated riparian zone using indigenous species. Note: Revegetation must include a maintenance component identified in the DLP as required by Condition D22 and D24, and the operational maintenance requirements of Conditions D25 and D27.	The proposed change will not impact on compliance with this condition.	Yes
D108	Local erosion and sediment control measures to manage stormwater discharges can only be used in lieu of sediment retention basins or sumps where it is demonstrated that: (a) such measures would adequately manage the risk of erosion and sedimentation in accordance with Volume 1 and 2D of the Blue Book, and (b) contaminated soils do not pose a risk to water quality in receiving waterways.	The proposed change will not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	The Proponent must obtain approval from the Secretary before implementing the alternative local erosion and sediment control measures. Note: Approval from the Planning Secretary as required by Condition D108 may be sought through the Soil and Water Management Plan (as required by Condition C8).		
D109	Sediment retention basins or sumps must be used to control contaminated runoff from the construction of the proposed modification. Any sediment retention basin used must be appropriately sized to ensure that: (a) risks identified in the detailed site investigation are mitigated; and (b) managed overflows could only occur as a result of large rainfall events. Note: Existing stormwater quality control systems and ponds cannot accept contaminated runoff.	The proposed change will not impact on compliance with this condition. Sediment retention basins or sumps must be used to control contaminated runoff from the construction, where required for the proposed change.	Yes
D110	For areas of moderate to high contamination risk (as identified in the SWMP required by Condition C8 and any Detailed Site Investigations under Condition D67), and where the application of sediment retention basins or sumps is restricted by site constraints and the outcomes of Condition D109 cannot be met, alternative capture and treatment systems may only be used with approval from the Planning Secretary. Note: Approval from the Planning Secretary as required in this Condition may be sought through the approval of	The proposed change will not impact on compliance with this condition.	Yes

No.	Condition of Approval	Discussion	Consistent
	the Construction Soil and Water Management Sub Plan (as required by Condition C8).		
D112	All new or modified drainage systems associated with Modification 6 must be designed to: (a) meet the capacity constraints of any council's drainage system to receive and convey the proposed flows from the Project, or otherwise upgrade council's drainage system at the Proponent's expense where it is identified that Modification 6 will have an adverse impact on the capacity of council's drainage system, in consultation with the relevant council(s); (b) minimise impacts on the receiving environment at the final outflow point resulting from any additional flow volume (including, but not limited to scour, flooding, water quality impacts, and impacts on riparian vegetation, aquatic ecology and property); and (c) ensure mitigation measures are implemented where increased flows through cross drainage systems adversely impact on council or Sydney Water drainage infrastructure and the receiving environment.	The proposed change will not impact on compliance with this condition.	Yes

The proposed change can be accommodated within the conditions of approval.

5.2 Statement of Commitments / environmental management measures

The proposed change has been assessed in Table 5-3 in relation to the relevant commitments / environmental management measures in the context of the Division 5.2 Approval. Only environmental management measures that are considered relevant to the proposed change have been considered. The decision as to whether an environmental management measure is considered relevant to the proposed change was determined based on whether there is any likelihood that the proposed change could conceivably impact the approved project's ability to meet the environmental management measure.

The proposed change has been assessed in Table 5-3 in relation to the relevant commitments / environmental management measures in the context of the Division 5.2 Approval.

Table 5-3: Consistency against relevant Statement of Commitments / environmental management measures

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
AH3	An Aboriginal Cultural Heritage Management Plan (ACHMP), to be included in the Construction Environmental Management Plan (CEMP), shall be prepared prior to construction of the proposed modification. An unexpected Aboriginal heritage finds procedure will be included in the ACHMP.	The AHIMS sites located within the boundaries of Site 11 (AHIMS ID 45-5-2723 (PAD-OS-5)) and Site 12 (AHIMS ID 45-5-2793 (PAD-OS-4)). Impacts to Aboriginal heritage would be avoided through the implementation of these mitigation measures, which are detailed in the CCHMP (equivalent to ACHMP). Additionally, the CCHMP will be updated to record the information gathered through the Aboriginal assessment carried out for this consistency assessment (see section 4.7).	Yes
AH4	All standard environment site inductions prepared for the proposed modification will include an Aboriginal heritage component. At a minimum, this will outline current protocols and responsibilities with respect to the management of Aboriginal heritage within the construction footprint (including as unexpected finds) and provide an overview unexpected of the diagnostic features of potential Aboriginal site types/objects.		Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
AH5	Aboriginal sites located outside of the construction footprint, but directly adjacent to it, will be actively protected during construction via temporary fencing. Fencing is to be installed along relevant sections of the construction footprint and remain in place for the duration of construction works in the vicinity. Where fencing is to be installed along the construction footprint, individual fencing lengths will be determined by a qualified archaeologist on the basis of both a visual inspection of the registered AHIMS site location and critical review of relevant existing data sources (e.g. associated site cards and assessment reports). All relevant staff and contractors are to be made aware of the nature and locations of these sites as part of standard site inductions. All sites will be identified on relevant site plans.	AHIMS sites already subject to this mitigation measure would continue to be protected as specified on the EAD.	Yes
B1	A Biodiversity Management Plan will be developed to include, but not be limited to, the following: • A Microbat Management Plan by a microbat specialist to be created (prior to construction) • Environmental site inductions • Demarcation of clearing areas and No Go' zones through fencing and inclusion in the Construction Environmental	A Construction Flora and Fauna Management Sub-Plan has is included within the existing approved CEMP. This includes: • Monitoring of microbats • Inductions to include environmental aspects • Identification of No-Go zones included within Sensitive Area Plans.	Yes
B3	Undertake field survey in accordance with the bat survey guidelines (OEH 2018), Appendix F of the Microbat Management Guidelines (Transport for NSW, 2021a) and the Threatened Biodiversity Data Collection to confirm	Field surveys have been undertaken in accordance with this mitigation measure, which informed the existing Microbat Management Plan. Relevant sites associated with the proposed change would be subject	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
	whether Southern Myotis is using the Subject Land for its foraging or breeding/roosting, to both inform the Microbat Management Plan and to refine the offset obligations.	to ongoing field surveys in accordance with the Microbat Management Plan developed as part of the CFFMP.	
T1	A Construction Traffic and Access Management Plan (CTAMP) will be prepared as part of the Construction Environmental Management Plan (CEMP) in consultation with Transport, relevant local Councils, and relevant agencies and in accordance with relevant guidelines including consideration for: • Staggering shift times to minimise the hourly traffic generation • Encouraging the use of alternative transport modes, carpooling, measures that minimise traffic generation associated with worker arrival, departures, and movements between sites • Using shuttle buses to move workers between sites • Minimising road closures that would likely have large impacts to the network • Pedestrian and cyclist access management plan • Parking and access management plan.	The proposed change would be managed in accordance with the CTAMP/CTTMP.	Yes
T2	Changes to bus routes and bus stops will be implemented in consultation with Transport, local councils and bus operators. These will consider measures to minimise impacts to buses such as delaying road closures to avoid bus detours, if possible.	The proposed change would not impact on any bus stops and would not result in additional public transport detour routes.	Yes
T3	Movements of haulage vehicles will be planned to minimise movements on the road network during the AM and PM peak periods where practicable.	Haulage vehicle movements associated with the proposed change would be consistent with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
T4	An active transport strategy will be developed to document planned shared path detours and recommend upgrades to these facilities to safely accommodate shared path users.	Shared path detours that are required as a result of the proposed change would be documented in the active transport strategy.	Yes
NV1	A Construction Noise and Vibration Management Plan (CNVMP) will be prepared and include the following standard and specific actions and mitigation measures: • Identify relevant performance criteria in relation to noise and vibration • Identify noise and vibration sensitive receptors and features in the vicinity of the proposed modification • Include standard and additional mitigation measures from the Construction Noise and Vibration Guideline (CNVG) (Roads and Maritime Services, 2016b) and details about when each will be applied • Describe the process(es) that will be adopted for carrying out location and activity specific noise and vibration impact assessments to assist with the selection of appropriate mitigation measures • Consider cumulative construction noise impacts and construction noise fatigue • Include protocols that will be adopted to manage works required outside standard construction hours, in accordance with relevant guidelines including for management of respite periods Detailed monitoring that will be carried out to confirm proposed modification performance in relation to noise and vibration performance criteria. The cumulative noise impacts of relevant nearby major projects should be further considered by the contractor when a detailed construction schedule becomes available for the proposed modification. Consultation should be undertaken with the relevant contractors to manage cumulative impacts on sensitive	Works associated with the proposed change would be undertaken in accordance with this mitigation measure. The existing CNVMP would be updated with information relevant to the proposed change.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
	receivers within common areas. Feasible and reasonable mitigation measures should be detailed in the CNVMP at sensitive receivers and areas where construction fatigue could occur. Consultation with the affected community will also occur prior to and during construction.		
NV2	All residents affected by noise from the proposed modification which are expected to experience an exceedance of the construction noise management levels should be consulted about the proposed modification prior to the commencement of the particular activity, with the highest consideration given to those that are predicted to be most affected as a result of the works. The information provided to the residents should include: • Programmed times and locations of construction work • The hours of the proposed modification works • Construction noise and vibration impact predictions • Construction noise and vibration mitigation measures being implemented on site. Community consultation regarding construction noise and vibration will be detailed in the Community and Stakeholder Engagement Plan for the construction of the proposed modification and will include a 24-hour hotline and complaints management process. Consultation will also be undertaken with all schools likely to be affected. For out of hours works, consultation will take place with consideration to Practice note vii of the Environmental Noise Management Manual (RTA, 2001) and Strategy 2 of the Interim Construction Noise Guidelines (DECC, 2009).	Works associated with the proposed change which result in an exceedance of the construction NML would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
NV3	Induction and training will be provided to relevant staff and sub-contractors outlining their responsibilities with regards to noise and vibration.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
NV4	Details of all out of hours work required will form part of the CNVMP. Noisy work will be scheduled to be undertaken during the standard hours as far as possible. Noisy activities that cannot be undertaken during standard construction hours are to be scheduled as early as possible during the evening and/or night-time periods. Particularly noisy activities such as the use of impact piling rigs, road and concrete saws, rock hammers, should be scheduled where feasible and reasonable around times of high background noise to provide masking. Deliveries will be carried out during standard construction hours where feasible and reasonable.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
NV5	A protocol, formed as part of the CNVMP, will be developed to identify the need for and provision of respite measures for residential receivers in accordance with the ICNG. Respite measures may include the restriction to the hours of construction activities resulting in impulsive or tonal noise (such as rock hammering, pile driving), or other appropriate measures agreed between the contractor and residential receiver such as alternative accommodation.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
NV6	Where properties have been identified for architectural treatment and these properties will be impacted by noise from construction works, Transport will consult with those property owners on the early installation of treatments to provide noise mitigation during the construction of the proposed modification. This approach will assist in	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
	managing noise through all phases of the proposed modification.		
NV7	• Truck drivers will be advised of designated vehicle routes, parking locations, acceptable delivery hours or other relevant practices (i.e. minimising the use of engine brakes, and no extended periods of engine idling). Vehicle routes should be reviewed, and final selections should consider noise impacts on noise sensitive receivers • Site access and egress points will be located away from residences and other sensitive land uses, where feasible and reasonable • Deliveries and spoil removal will be planned to avoid queuing of trucks on or around the construction ancillary facilities • Construction sites will be arranged to limit the need for reversing associated with regular / repeatable movements (e.g. trucks transporting spoil) to minimise the use of reversing alarms • Where feasible and reasonable, non-tonal reversing alarms will be used, taking into account the requirements of the Workplace Health and Safety legislation. • Spoil will be moved during the day where practical, and feasible and reasonable management strategies will be investigated in consultation with the NSW EPA to minimise the volume of heavy vehicle movements at night. Mitigation measures for vehicle movements outside of standard construction hours will be included in the CNVMP.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
NV9	The selection of plant and equipment can have a significant impact on construction noise levels. Appropriate plant will be selected for each task to minimise the noise contributions. Alternative works methods such as use of hydraulic or electric-controlled units in place of diesel units will be considered and implemented where feasible and reasonable. The use of alternative machines that perform the same function (such as rubber wheeled plant) will be considered in place of steel tracked plant. Equipment will be regularly inspected and maintained to ensure it is in good working order. Plant should be located on site with as much distance as possible between the plant and noise sensitive receivers. Noisy equipment will be orientated away from residential receivers where feasible and reasonable.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
NV11	Additional mitigation measures are provided in CNVG. These measures are applied after standard noise mitigation measures have been applied and where the noise levels are still exceeding the noise management levels. Additional mitigation measures include: • Notification (letterbox drop or equivalent) to give advanced warning of works • Specific notifications to identified stakeholders • Phone calls • Individual briefings • Respite offers, to be considered where there are high noise and vibration generating activities near receivers • Respire Period One where there is out of hours construction noise	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
	• Respite Period Two where there is nigh time construction noise • Duration respite where long periods of noise and vibration will be generated • Alternative accommodation for residents where there are highly intrusive noise levels • Verification, such as noise monitoring.		
NV12	Equipment size will be selected taking into account the minimum working distances and the distance between the area of construction and the most affected sensitive receiver. The use of less vibration intensive methods of construction or equipment will be considered where feasible and reasonable when working in proximity to existing structures. Equipment will be maintained and operated in an efficient manner, in accordance with manufacturer's specifications, to reduce the potential for adverse vibration impacts.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
NV13	If the use of vibration intensive plant cannot be avoided within the minimum working distance for cosmetic damage the following procedure will occur as a minimum: • Notification of the works to the affected residents and community. • Works will not proceed until attended vibration measurements are undertaken. Vibration monitors are to provide real-time notification of exceedances of levels approaching cosmetic damage criteria. • If ongoing works are required, a temporary relocatable vibration monitoring system will be installed, to warn operators (via flashing light, audible alarm, short	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
	message service (SMS) etc) when vibration levels are approaching the cosmetic damage objective.		
NV14	A detailed survey will be undertaken prior to vibration intensive construction commencing to identify all nearby vibration sensitive buildings. Applicable vibration criteria and construction strategies will need to be included in the CNVMP for each of the identified locations, ensuring that the works' impacts will be appropriately controlled.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
NV15	To minimise the traffic noise impact from the diversions, works requiring diversions will be limited as follows: • No more than two consecutive evenings and/or nights • No more than three evenings and/or night per week • No more than 10 evenings and/or night per month.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
NV16	The Contractor must conduct a detailed construction noise and vibration assessment and implement reasonable and feasible mitigation measures in accordance with the Roads and Maritime Services Construction Noise and Vibration Guideline (2016b). Mitigation measure that may be implemented include the following: • Traffic diversions limited in duration as noted above • Notification (letterbox drop or equivalent) • Specific notifications • Individual briefings and/or community consultations	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ1	A communications plan will be displayed at each construction zone, including a duty phone number so stakeholders and community members can get in contact regarding the construction activities. All complaints will be recorded and investigated, and measures taken in response.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
AQ2	On a regular basis, the stages of other major constructions within 500 metres of the proposed modification will be assessed, to determine any cumulative impacts. The possibility of co-ordinating activities between sites will be assessed to avoid potentially high impact activities occurring at the same time.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ3	Use of diesel- or petrol-powered generators will be avoided where practicable and mains electricity or battery powered equipment will be used where practicable.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ4	All vehicles and plant will be switched off engines when stationary and not be allowed to idle.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ5	During periods of high potential for increased air quality impacts and/or prolonged dry or windy conditions the frequency of site inspections will be increased by the person accountable for air quality and dust issues.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ6	At each construction zone, the site arrangement will be planned so that dust generating activities are undertaken to minimise dust at nearby receptors. Measures may include stockpiles located as far away from receptors as possible; dust barriers being erected around dusty activities/ site boundary, or similar.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ7	A maximum speed limit of 15 km/h on unsurfaced roads and construction work areas will be imposed and signposted.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ8	Adequate water supply will be provided on the site for effective dust/ particulate matter suppression/ mitigation, using non-potable water where possible and appropriate.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
AQ9	Earthworks and exposed areas/ soil stockpiles will be re-vegetated or stabilised as soon as practicable.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ10	Water-assisted dust sweeper(s) will be used on access and local roads, to remove, as necessary, any material tracked out of the site.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ11	Vehicles entering and leaving sites will be covered to prevent escape of materials during transport.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ12	A wheel washing system will be implemented at relevant construction ancillary facilities (with rumble grids to dislodge accumulated dust and mud prior to leaving the site), where reasonably practicable.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
AQ13	Any acid sulphate soils encountered during earthworks will be managed in accordance with the with the Acid Sulfate Soils Manual (Acid Sulfate Soil Management Advisory Committee, 1998) and Guidelines for the Management of Acid Sulfate Materials: Acid Sulfate Soils, Acid Sulfate Rock and Monosulfidic Black Ooze (NSW Roads and Traffic Authority, 2005b).	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
FL1	A Flood Management Plan will be prepared as part of the CEMP for the proposed modification and will detail the processes for flood preparedness, materials management, weather monitoring, site management, and flood incident management. The flood management plan will be developed in accordance with relevant guidelines.	The proposed change would be integrated into the flood management plan prepared as part of the approved project.	Yes
FL2	Activities that may affect existing drainage systems during construction will be carried out so that existing hydraulic capacity of these systems is maintained where practicable.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
FL9	Localised increases in flow velocities at drainage outlets that would control runoff from the proposed modification are to be mitigated through the provision of scour protection and energy dissipation measures.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
SW1	A Soil and Water Management Plan (SWMP) will be prepared as part of the proposed modification. The plan will outline measures to manage soil and water impacts associated with the construction works, including contaminated land. The SWMP will include: • Measures to minimise/manage erosion and sediment transport both within the construction footprint and offsite, including requirements for the preparation of erosion and sediment control plans (ESCP) for all progressive stages of construction • Measures to manage runoff from spoil and waste storage areas • Procedures to manage unexpected or previously unidentified contaminants • Measures to manage stockpiles, including locations, separation of waste types, sediment controls and stabilisation • Groundwater management measures to limit the risk of exposure to contaminated groundwater • Controls to manage the risk posed to workers from exposure to contaminated groundwater (if encountered) • Processes for dewatering of water that has accumulated on site and from sediment basins, including relevant discharge criteria • Measures to manage potential tannin leachate	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
	• Measures to manage accidental spills, including the requirement to maintain materials such as spill kits • Measures to manage potential saline soils • Details of surface water and groundwater quality monitoring to be undertaken prior to, throughout, and following construction Enhanced sediment and erosion controls be implemented in areas where it is identified that contamination poses a risk to surface water quality. Erosion and sediment control measures will be implemented and maintained at all work sites in accordance with the principles and requirements in Managing Urban Stormwater – Soils and Construction, Volume 1 (DPIE, 2004) and Volume 2D (DECC, 2008a), commonly referred to as the 'Blue Book,' as well as relevant Transport Guidelines.		
SW4	Stockpiles will be managed to minimise the potential for mobilisation and transport of dust and sediment in runoff in accordance with Stockpile Site Management Guideline (Roads and Maritime Services, 2015d). This will include: • Minimising the number of stockpiles, the area used for stockpiles and the time that they are left exposed • Locating stockpiles away from drainage lines, waterways, and areas where they may be susceptible to wind erosion • Stabilising stockpiles, establishing appropriate sediment controls, and suppressing dust as required.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LUP1	A survey of all leased areas will be completed prior to leasing the land to document the pre-leased condition and share this survey with the landowner prior to construction commencing. The landowner will have the opportunity to	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
	comment on the survey and their comments will be documented within the survey report		
LUP2	All areas leased for the modification will be rehabilitated upon completion of construction and restored to their existing condition, or as otherwise agreed with the landowner. This will occur within six months of completion of the construction phase.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LUP3	Terms and conditions of private land use for construction access will be determined in consultation and agreement with relevant landowners.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LUP4	Consultation with the relevant utility providers will be undertaken prior to construction to confirm the presence of utilities and refine potential utility adjustments and utility protection measures during detailed design.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LUP5	The final construction methodology will consider measures required to protect utilities or avoid impacts on these services during construction.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LV1	Establish tree protection zones (TPZs) around trees to be retained. Tree protection will be undertaken in accordance with AS 4970-2009 Protection of Trees on Development Sites and will include exclusion fencing of TPZs	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LV2	Provide well-presented and maintained construction hoarding and site fencing with shade cloth (or similar material) (where necessary) to minimise visual impacts during construction. Hoardings and site fencing will be removed following construction completion.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
LV3	Provide cut-off or directed lighting within and outside of the construction site, with lighting location and direction considered to ensure glare and light spill is minimised	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LV4	Keep construction areas clean and tidy and place refuse in appropriate receptacles	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LV7	Undertake seed collection prior to construction (e.g. within three months of construction contract award, where possible), to source seeds to be used in post-construction rehabilitation. Use native and endemic plant species in post-construction rehabilitation otherwise.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LV8	Opportunity to enhance green infrastructure and tree planting through the areas adjacent to noise walls and other areas along the edges of the corridor to mitigate impacts from tree removal along the Westlink M7 median. This will be subject to detailed design and also the identification of existing verges/ batters within the Westlink M7 corridor that would be appropriate for tree planting completed as part of the works.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
LV9	Opportunity for Water Sensitive Urban Design to be considered when local drainage conditions are altered throughout the corridor where the gradient and widening conditions require further detail.	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes
CU1	Consultation with other project owners, operators, and/ or contractors to understand construction programmes and ensure that conflicting requirements for access, traffic lane closures, high noise and vibration generating activities, and	Works associated with the proposed change would be undertaken in accordance with this mitigation measure.	Yes

No.	Statement of Commitment / mitigation measure	Discussion	Consistent
	nightworks are avoided or minimised as much as reasonably practical, in order to prevent construction fatigue for local sensitive receptors. Communication with other project owners, operators, and/ or contractors should be an iterative process and continue throughout the construction phase. These management measures to prevent construction fatigue should be captured in the Construction Environment Management Plan (CEMP). They should also be presented in the topic-specific environmental management plans, such as Construction Traffic and Access Management Plan (see Mitigation Measure T1) and Construction Noise and Vibration Management Plan (CNVMP) (see Mitigation Measure NV1).		

The proposed change is consistent with the environmental management measures incorporated as part of the Division 5.2 Approval.

5.3 Project objectives

The objectives of the approved project are detailed in section 3.3.1 of the Modification 6 Report and include:

- Provide additional capacity on the Westlink M7 to meet future traffic growth, reduce congestion and improve connectivity and reliability
- Avoid and minimise impacts on the road network, the community and environment during construction
- Integrate with the new M12 Motorway, minimising disruption during construction and providing safe and efficient connectivity in the operations phase
- Deliver a design that integrates with and respects the existing urban design and landscape features of the Westlink M7
- Provide a cost effective/ affordable solution.

The proposed change supports the approved project objectives and is required to facility the safe construction and integration of the approved project into the existing motorway and minimise disruption during construction. As such the proposed change is consistent with the approved project objectives.

5.4 Consistency questions – the Division 5.2 Approval

Table 5-4 presents a set of questions that assist TfNSW to determine whether the proposed change can be considered consistent with the Division 5.2 Approval.

Table 5-4: Division 5.2 Approval consistency questions

Consistency question	Discussion	Response to Consistency Question
1 Is the proposed change likely to result in changes to the scope and impacts of the project to an extent that would be considered a radical transformation of the project as a whole, as to be, in reality, an entirely new project?	The purpose of the proposed change (as outlined in section 2) is to allow construction of the approved project as outlined in the EAD and does not involve any new design elements (other than the proposed drainage basins or swales at sites 8, 9 and 10) or impacts that are inconsistent with what was assessed in the EAD. The proposed drainage basins and swale are required to meet SWTC requirements for basin capacities and CoA 146A and D30 for the approved project. As such, the proposed change would not involve any changes to the scope and impacts of the approved project to an extent that it would be considered a radical transformation of the approved project as to be an entirely new project.	Yes
2 Would any conditions of approval need to be amended in light of the change?	As discussed in section 5.1, the proposed change is consistent with the CoA outlined in Schedule 1 and Schedule 2 of the Consolidated Approval. No CoA would need to be amended due to the proposed change.	No
3 Would the statement of commitments or	As discussed in section 5.2, the proposed change is consistent with the environmental management	No

Consistency question		Discussion	Response to Consistency Question
	environmental management measures need to change?	measures outlined in the EAD. The statement of commitments or environmental management measures would not need to be amended due to the proposed change.	
4	Would the proposed change be 'generally in accordance with' the documents incorporated in Standard Condition A1 (or A2)?	The proposed change would be generally in accordance with the documents listed in Standard Condition 1A of the Consolidated Approval, being: • Westlink M6 Widening Modification Report prepared by Transport for NSW and dated August 2022; and • Westlink M7 Widening Submissions Report prepared by Transport for NSW and dated November 2022.	Yes
5	Would the environmental impacts of the project as a whole be altered by the proposed change to the extent that the proposed change would not be consistent with the Approval?	As described in section 4, the environmental impacts associated with the proposed change are considered to be consistent with the impacts described in the EAD. Management measures detailed in the EAD would be implemented for the proposed change. The proposed change would be consistent with the Approval.	No
6	Considering the project as a whole, would the magnitude of the change be viewed as consistent with the project?	As described in section 2 the proposed change includes amendments to the approved project construction footprint at 10 discrete locations to carry out approved construction activities. These locations are directly adjoining the approved project construction footprint and the magnitude of the proposed change would result in impacts that are consistent with the approved project. As outlined in section 4 and section 5, the proposed change is consistent with the approved project. Thus the magnitude of the proposed change is minor in comparison to the approved project.	Yes

6. Conclusion

Based on the consistency assessment in this report, the proposed change is considered:

☑ Consistent with the Division 5.2 Approval

☐ ~~Not consistent with the Division 5.2 Approval. A modification to the project approval must be prepared and submitted for approval by the Minister.~~

☐ ~~Consistent with the EPBC Approval~~

☐ ~~Not consistent with the EPBC Approval. A written request to vary the condition/s of approval / approved action management plan must be prepared and submitted for approval by the Minister for the Environment / A new EPBC referral is required.~~

☐ ~~A radical transformation of the project and as such a new project should be developed with new and separate planning approvals obtained as necessary.~~

7. Other considerations

7.1 Permits, licenses and other approvals

The proposed change has been assessed in Table 7-1 below in relation to the relevant permit, license and other approval requirements for the Approved Project.

Table 7-1: Comparison of permits, licences and approvals requirements

Existing requirement for the Approved Project	Additional approval requirements or changes to the existing requirements as a result of the proposed change
In accordance with CoA D67, *"Detailed Site Investigations to confirm moderate and high risk contaminated sited identified in Preliminary Site Investigation in Condition 1A of Schedule 1 must be prepared, or reviewed and approved by a Contaminated Land Consultant certified under either the Environment Institute of Australia or New Zealand's "Certified Environmental Practitioner" (Site Contamination) scheme (CEnvP(SC)) or the Soil Science Australia "Certified Professional Soil Scientist Contaminated Site Assessment and Management (CPSS CSAM) scheme.* *The Detailed Site Investigations must be undertaken before ground disturbance in areas identified in the documents under Condition 1A of Schedule 1 as moderate to high risk contamination"*	Moderate to high risk contaminated sites were identified during the DSI for the approved project at Sites 4, 5, 9 and 12. Additional site investigations are needed at Sites 4 and 9 to confirm the presence/absence of contamination at this location. All other locations are proposed to be access only and therefore do not require additional site investigations unless soil disturbance works are proposed.
In accordance with CoA D83, *''Local roads proposed to be used by heavy vehicles to directly access the construction boundary and ancillary facilities that are not listed in Table 6-6 of Appendix D of the Modification Report (as listed in Condition 1A(a) of Schedule 1) must be approved by the Planning Secretary and included in the Traffic, Transport and Access Management CEMP Sub-plan.''*	Two additional local roads that are not mentioned for use in the EAD would be required for access due to the proposed change. Planning Secretary approval will be obtained prior to the use of Hemsworth Avenue and Barcelona Drive by heavy vehicles to directly access the construction boundary and ancillary facilities. Work associated with these roads would be included in the Construction Traffic and Transport Management Plan (CTTMP).
Environment Protection Licence (EPL)	The EPL for the M7-M12 Integration project covers the approved project and would apply to the proposed change. Prior to works commencing, premise maps within the EPL would be amended to display the changes to the construction footprint.

8. Certification

Author

This consistency assessment provides a true and fair review of the proposed change for the M7-M12 Integration project.

Name	[redacted]	Signature	[redacted]
Position	Senior Environment and Sustainability Advisor	Date	10/01/2025
Organisation	John Holland Pty Ltd		

Transport for NSW

The proposed change, subject to the implementation of all the environmental requirements of the project, is consistent with the Division 5.2 Approval.

Name	[redacted]		
Signature	[redacted]		
Position	TfNSW Environment and Sustainability Manager (M12/M7)		
Date	10/01/2025		

I have examined the proposed changes by reference to the Division 5.2 Approval in accordance with Section 5.25(2) of the EP&A. I consider that the proposal is consistent with the Division 5.2 Approval.

I agree with the recommendations of the Transport Senior Environment and Sustainability Officer and approve the carrying out the proposed change in accordance with those recommendations.

Name	[redacted]
Signature	[redacted]
Position	TfNSW Senior Manager Environment and Sustainability
Date	13/01/2025

Name	[redacted]
Signature	[redacted]
Position	TfNSW Project Director
Date	13/01/2025

Appendix A

Ecology memo

7 November 2024

To	[redacted] Senior Environment and Sustainability Advisor – M7M12 Interchange Project
From	[redacted] Ecologist/Botanist, Leneco Tel. [redacted] Email. [redacted]
Subject	M7 Widening project Consistency Assessment 019 Ecological Memo, Access Sites Across the M7 Project

1. Introduction

Leneco was engaged by the John Holland Group (JHG), on behalf of Transport for NSW (TfNSW), to conduct an ecological assessment of ten (10) additional construction sites located outside of the currently approved construction footprint (May 2024) for the M7 Widening Project (SSI 663 Mod 6) (the approved project). The proposed change is required to allow for access track construction resulting from the M7 Widening project.

The objective of this assessment was to determine if the biodiversity impacts of the proposed change are consistent with the approved M7 Widening Project as described in the M7 Motorway Biodiversity Development Assessment Report (BDAR) (Niche, 2022) and the Modification of Infrastructure Approval (SSI 663 Mod 6). Additionally, the assessment has reviewed if this will change the biodiversity offset obligations as set out in Infrastructure Approval for the Project.

2. Scope

John Holland is proposing to amend the M7 Motorway construction and operational footprint across the project for access track construction into drainage basins and noise walls.

Ten (10) sites were assessed, as mapped in **Attachment 1**, at the following locations:

- **Site 4-** Chainage 19200: next to the M7 southbound lane, south of the Light Horse Interchange.
- **Site 5-** Chainage 19200: the access road at gate 19, between the M7 motorway and Wallgrove Road.
- **Site 8-** Chainage 18300: the island between the northbound on-ramp for the M7 motorway and Wallgrove Road.
- **Site 9-** Chainage 18300: the island between the southbound on-ramp for the M7 motorway and Wallgrove Road.
- **Site 10-** Chainage 9050: next to the southbound M7 lane and the SUP, between Future Access Road Bridge and Hinchinbrook Creek (Cecil Park) Bridge.
- **Site 11-** Chainage 8640: The SUP next to the southbound M7 lane, between Dobroyd Drive entrance and site 10 of this CA. This is the northern site (Site 12 being the southern).
- **Site 12-** Chainage 8640: The SUP next to the southbound M7 lane, between Dobroyd Drive entrance and site 10 of this CA. This is the southern site (Site 11 being the northern).
- **Site 15**- Chainage 6100: between Hemsworth Ave and the M7 northbound lane/SUP.
- **Site 19**- Chainage 1105: the site being Barcelona Dr and off shoots for access, next to the M7 southbound lane. South of Kurrajong Road.
- **Site 20-** Chainage 7000: between Dobroyd Drive and the M7 southbound lane, the site is the SUP access path.

3. Methods

This assessment was prepared with reference to the site description provided in the M7 Motorway BDAR (Niche, 2022) prepared for the M7 Motorway Environmental Assessment Documentation.

Inspection of the sites were carried out on August 15, 19 and 20 and October 1, 2024. The inspection included the following surveys with reference to the BDAR (Niche, 2022):

- Surveys of plant composition to assess PCT and conditions class (vegetation zone)
- Assessment of association to Threatened Ecological Communities (TECs) listed under the NSW *Biodiversity Conservation Act 2016* and the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999*.
- Targeted search threatened animal species, or their habitat, including:
    - Large Bent-winged Bat (*Miniopterus orianae oceanensis*),
    - Little Bent-winged Bat (*Miniopterus australis*),
    - Southern Myotis (*Myotis macropus*),
    - Cumberland Plain Land Snail (*Meridolum corneovirens*),
    - Dural Land Snail (*Pommerhelix duralensis*).
- Targeted search for Threatened plant species or their habitat including *Pimelia spicata*.
- Identification of the likelihood of impacts to trees that are not associated with PCT vegetation.

Access to the southern end of Site 4 was not possible due to the overgrown vegetation being a safety risk. A 2 step process will be undertaken for this site, whereby a clearing crew will slash the ground cover to provide an access path from the northern end of the site which has been determined to be non-PCT vegetation. The ground cover slashing at the southern end of the site, where the potential for PCT vegetation is to be determined, will occur under supervision of the Project Ecologist. The slashing will cease if the Project Ecologist confirms this areas to contain PCT vegetation until this assessment is updated.

Access to sites 8, 9 was restricted due to the nature of the sites being islands in the middle of M7 motorway off-ramps. The assessment of these sites was completed via viewing from the closest footpath as well as desktop analysis, this was considered suitable given the highly modified condition of these sites.

This review was prepared by Paris Bach, the Project Ecologist for the M7 M12 Integration Project, holding qualifications of B.Sc. and reviewed by Peter Monsted, BAM Accredited Assessor.

4. Results

Table 1 provides a summary of the ecological constraints of the sites. The results of each site assessment is provided in **Attachment 2** and additional photos of each site are provided for each site in **Attachment 3**.

Table 1 Site Attributes

Site ID	Total Site Area (ha)	Amount of PCT vegetation clearing (ha)	PCT Vegetation Zone	Condition Classes Present at Sites	Vegetation Structure and Type	Threatened Species or Habitat	Trees Impacted
Site 4	1.78	0.00	N/A Non-PCT vegetation Further assessment scheduled to confirm the vegetation zone of the southern end of the site.	Disturbed, Planted, Road, Median (exotic grasses), Further assessment	Native planted trees, exotic grasses and weeds.	No	Yes
Site 5	0.3	0.00	N/A Non-PCT vegetation	Disturbed, Road	Exotic ground cover.	No	No
Site 8	1.47	0.00	N/A Non-PCT vegetation	Disturbed, Planted	Planted native canopy and mid-stratum, ground cover of exotic grasses and weeds.	No	Yes
Site 9	1.39	0.00	N/A Non-PCT vegetation	Disturbed, Planted	Planted native canopy and mid-stratum, ground cover of exotic grasses and weeds.	No	Yes
Site 10	0.13	0.00	N/A Non-PCT vegetation	Disturbed, Planted	Planted native canopy and mid-stratum, ground cover of exotic grasses and weeds.	No	Yes
Site 11	0.36	0.00	N/A Non-PCT vegetation	SUP, Disturbed, Planted	Exotic grasses and weeds with minimal native clearing of shrubs and trees.	No	Yes
Site 12	0.1	0.00	N/A Non-PCT vegetation	SUP, Disturbed	Exotic ground cover.	No	No
Site 15	0.03	0.00	N/A Non-PCT vegetation	SUP, Disturbed	Vegetation clearing is limited to Lawn and native shrubs.	No	No
Site 19	0.38	0.00	N/A Non-PCT vegetation	SUP, Disturbed	Exotic and weedy mid-stratum/ground cover.	No	No
Site 20	0.08	0.00	N/A Non-PCT vegetation	Disturbed, Road	One planted native shrub, lawn grasses and various weeds.	No	No

Vegetation zones and Threatened Ecological Communities (TEC)

All Ten (10) of the subject sites contained vegetation consistent with the vegetation zone Non-PCT vegetation. None of the subject sites have vegetation that aligned with a PCT vegetation described within the M7 Widening BDAR (Niche, 2022) or a TEC.

Five (5) of the sites included planted trees (refer to **Table 1**) and all sites contained a ground cover dominated by exotic grasses and weeds present.

Threatened species and their habitat

No threatened species of plant or animal, or their habitat, were recorded within the assessment area during the survey completed for this assessment.

5. Review of impacts

Native vegetation

The proposed activities will have no impact on any PCT vegetation or their associated TECs. Impacts to vegetation will be restricted to Non-PCT vegetation.

Trees that will be removed for the proposed change are associated with planted Non-PCT vegetation.

Threatened plants, animals and their habitats

No threatened species of plants, animals or their habitats will be impacted by the proposed change.

Matters of National Environmental Significance (MNES)

No Commonwealth listed MNES will be impacted by the proposed change.

6. Biodiversity Offsets

The Modification of Infrastructure Approval (SSI 663 Mod 6) Condition of Approval D3 states that impacts to PCTs must not exceed those identified in the documents listed in Condition 1A of Schedule 1 (which includes the BDAR), unless otherwise approved by the Planning Secretary. This assessment has confirmed that none of the proposed additional sites will impact PCTs, threatened species or their habitats. As such, Condition of Approval D3 and D4 are not triggered, and additional biodiversity offsets are not required for the proposed change.

7. Tree Offsets

For vegetation clearing that is not assigned to a PCT the removal of trees must be replaced in accordance with Conditions D11 and D12 of the Modification of Infrastructure Approval (SSI 663 Mod 6). These conditions mandate the replacement of all trees removed for the project at a ratio of 2:1, excluding trees offset under Condition D4.

The provision of replacement trees should be guided by a Tree Survey conducted during the detailed design phase. The tree survey will be updated following the approval of the proposed change. This survey must identify the number, type, and location of any trees to be removed. The Tree Survey, along with the Design and Landscape Plan required under Condition D19, must be submitted to the Planning Secretary for information.

The Tree Survey must be updated to include the trees that are cleared for this proposed change following approval of the Consistency Assessment by TfNSW.

8. Conclusion

The proposed change associated with access track works at the sites described in this assessment are considered to be consistent with the approved Project and the conditions of the Modification of Infrastructure Approval (SSI 663 Mod 6).

The proposed works were assessed as having the following attributes:

- No impacts to PCT or TEC vegetation
- No impacts to threatened plants, animals or their habitats
- No impacts to the MNES outlined in the BDAR
- No changes to ecosystem or species biodiversity credits.

The proposed change will result in removal of trees at a number of sites which will require replacement in accordance with Conditions D12 of the Modification of Infrastructure Approval.

This assessment will be updated following access to the southern end of Site 4 as described in the Methods section of this report. Once safe access is provided, additional survey will be completed to confirm the vegetation zone and if relevant PCT, TEC and threatened species habitat. No clearing will occur in the southern end of Site 4 until the further survey is completed and an updated revision of this report is issued to TfNSW to confirm the findings of the survey.

If you have any questions regarding this project or require additional information, please do not hesitate to contact me on mobile [redacted] or email: [redacted]

Your Sincerely

[redacted]

Ecologist/Botanist, M7 M12 Integration Project

References

Niche. (2022). *Westlink M7 Widening, between M5 and Richmond Road, Biodiversity Development Assessment Report*.

Attachments

Attachment 1- Leneco Maps

Attachment 2- Site Assessments

Attachment 3- Site Photos

Attachment 1 – Leneco Maps M7 sites

Map 1- Site 4 North, chainage 19200

Map 2- Site 4 South, chainage 19200

Map 3- Site 5, chainage 19200

Map 4- Site 8, chainage 18300

Map 5- Site 9, chainage 18300

Map 6- Site 10, chainage 9050

Map 7- Site 11 North, chainage 8640

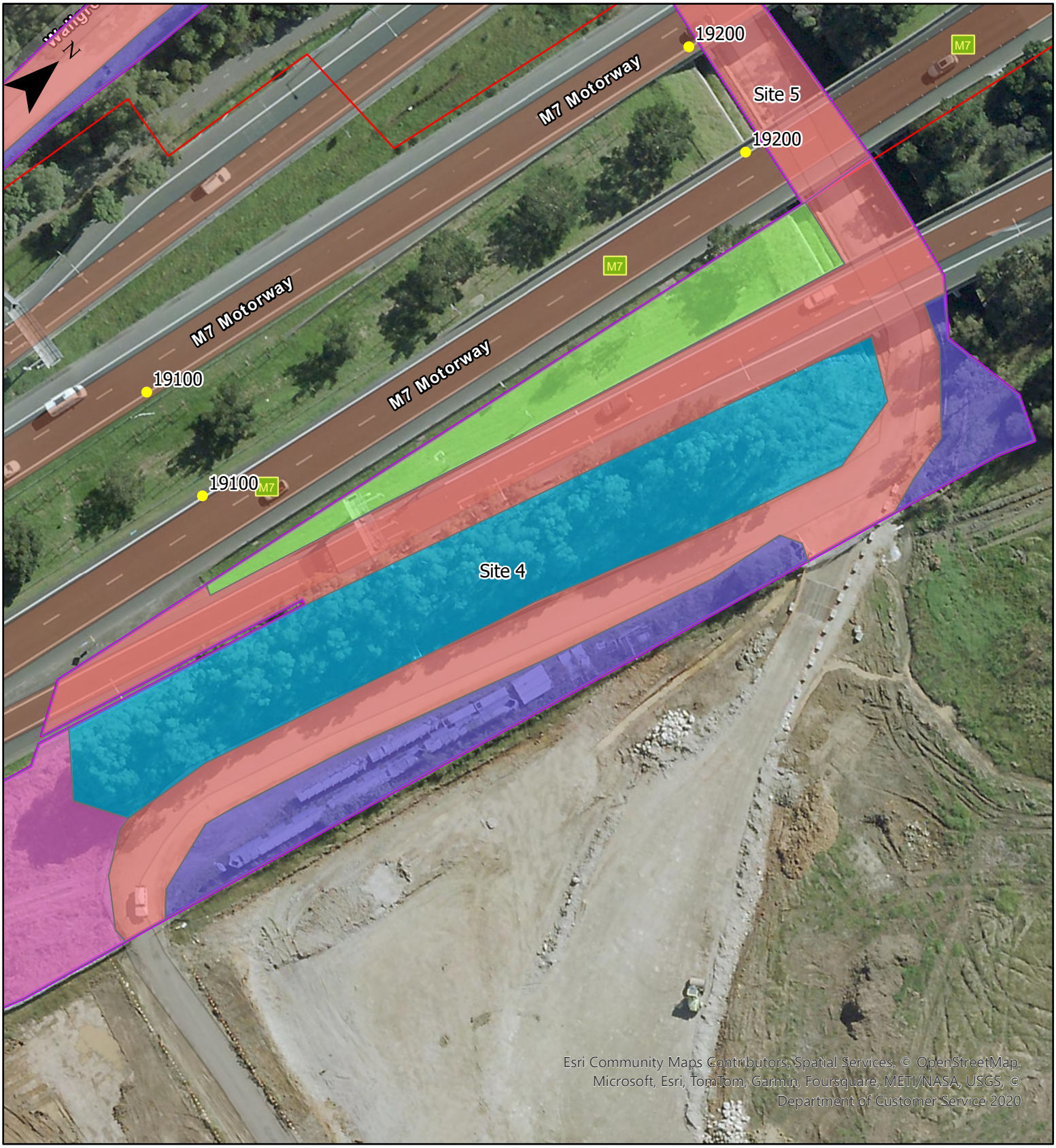
Map 8- Site 11 South, chainage 8640

Map 9- Site 12, chainage 8640

Map 10- Site 15, chainage 6100

Map 11- Site 19, chainage 1105

Map 12- Site 20, chainage 7000



CA019 M7 Widening- Site 4 North (chainage 19200)

1:800

0 5 10 20 Meters

Approved M7 Construction Footprint (May 2024)

CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

- n/a, Disturbed
- n/a, Further assessment
- n/a, Median (exotic grasses)
- n/a, Planted
- n/a, Road

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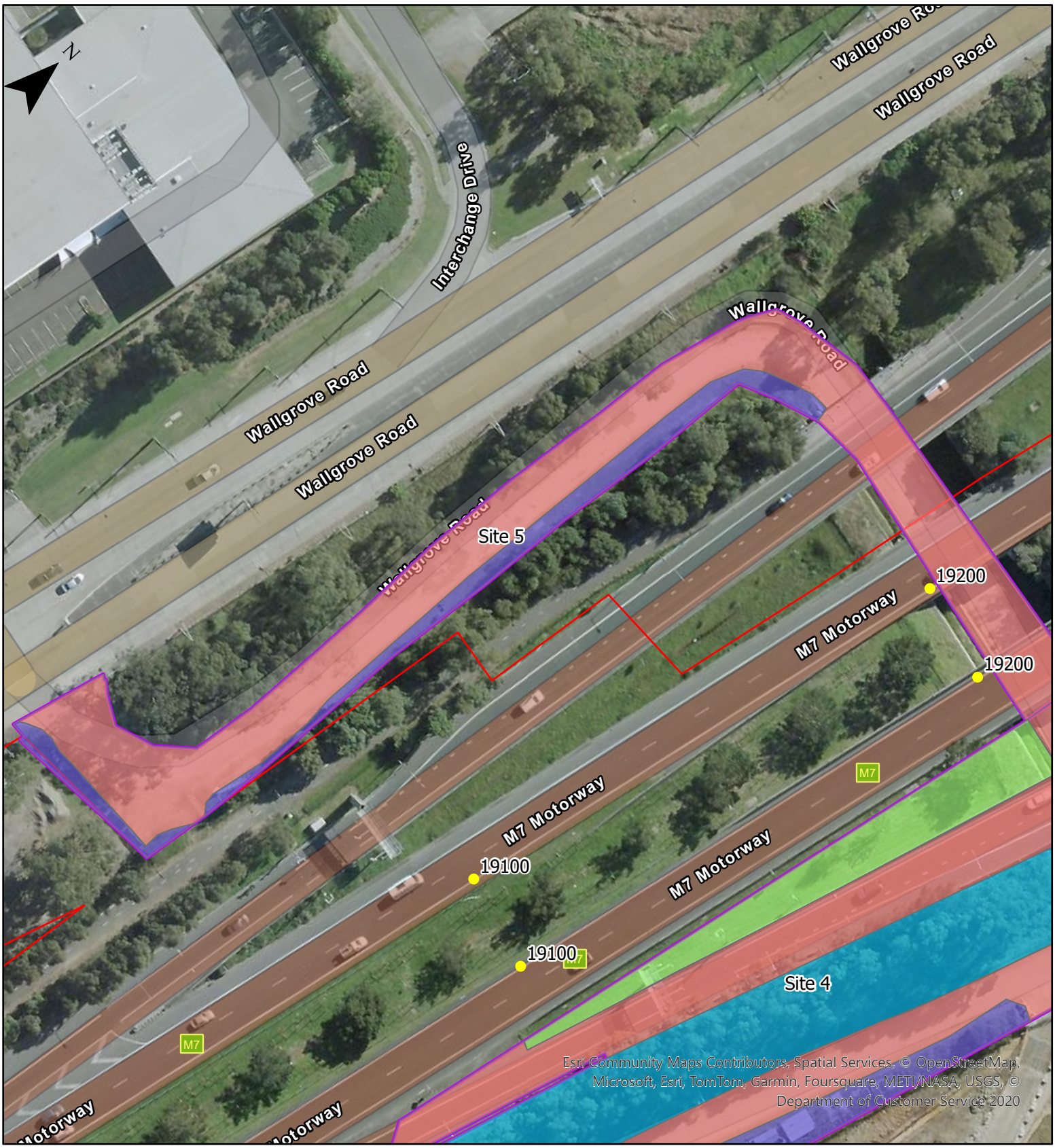
CA019 M7 Widening- Site 4 South (chainage 19200)

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- Approved M7 Construction Footprint (May 2024)
- CA019 sites
- M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

- n/a, Further assessment



CA019 M7 Widening- Site 5 (chainage 19200)

1:950

0 5 10 20 Meters

Approved M7 Construction Footprint (May 2024)

CA019 sites

M7 Design Chainages 20230828

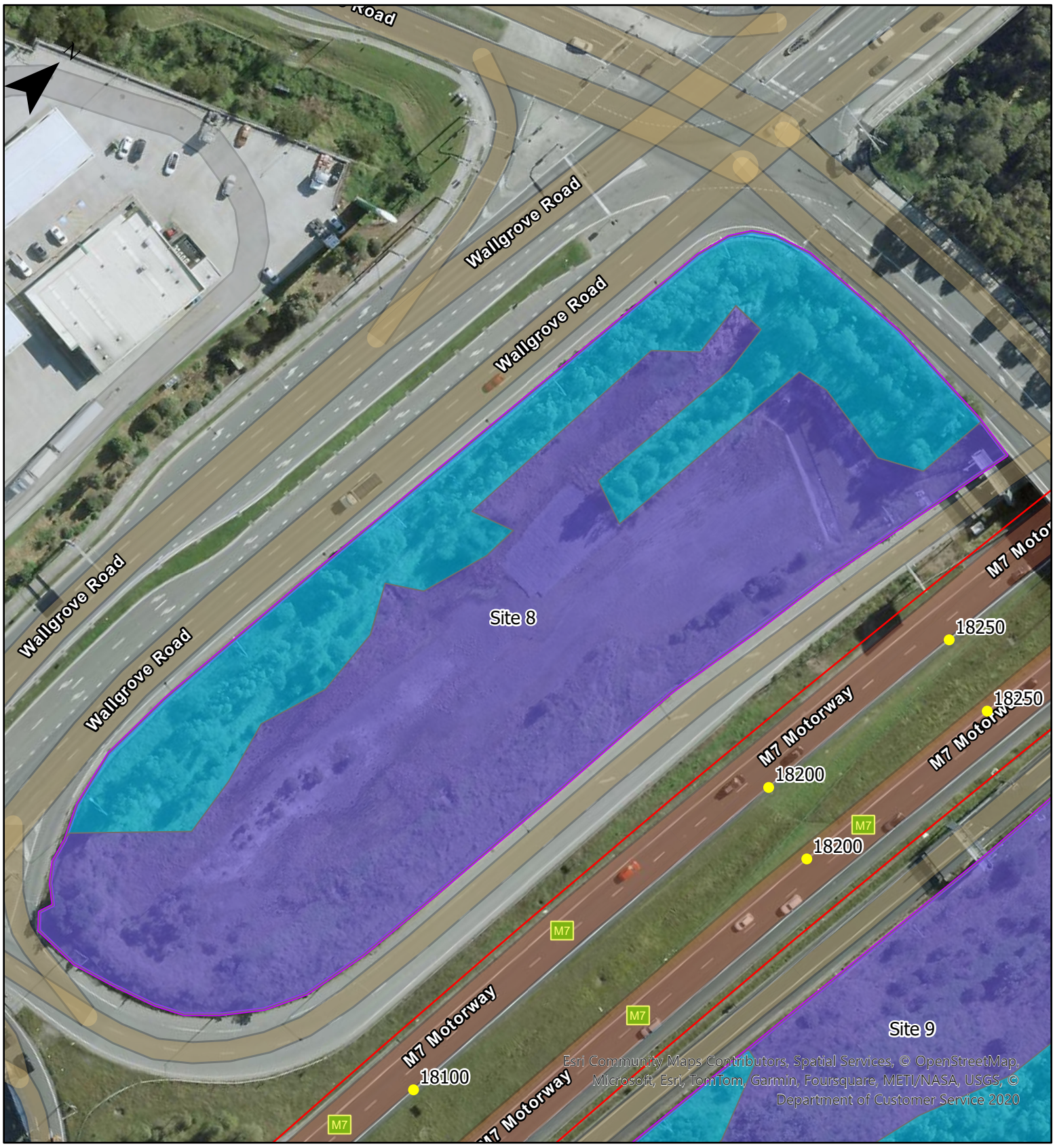
CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, Median (exotic grasses)

n/a, Planted

n/a, Road



CA019 M7 Widening- Site 8 (chainage 18300)

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Approved M7 Construction Footprint (May 2024)

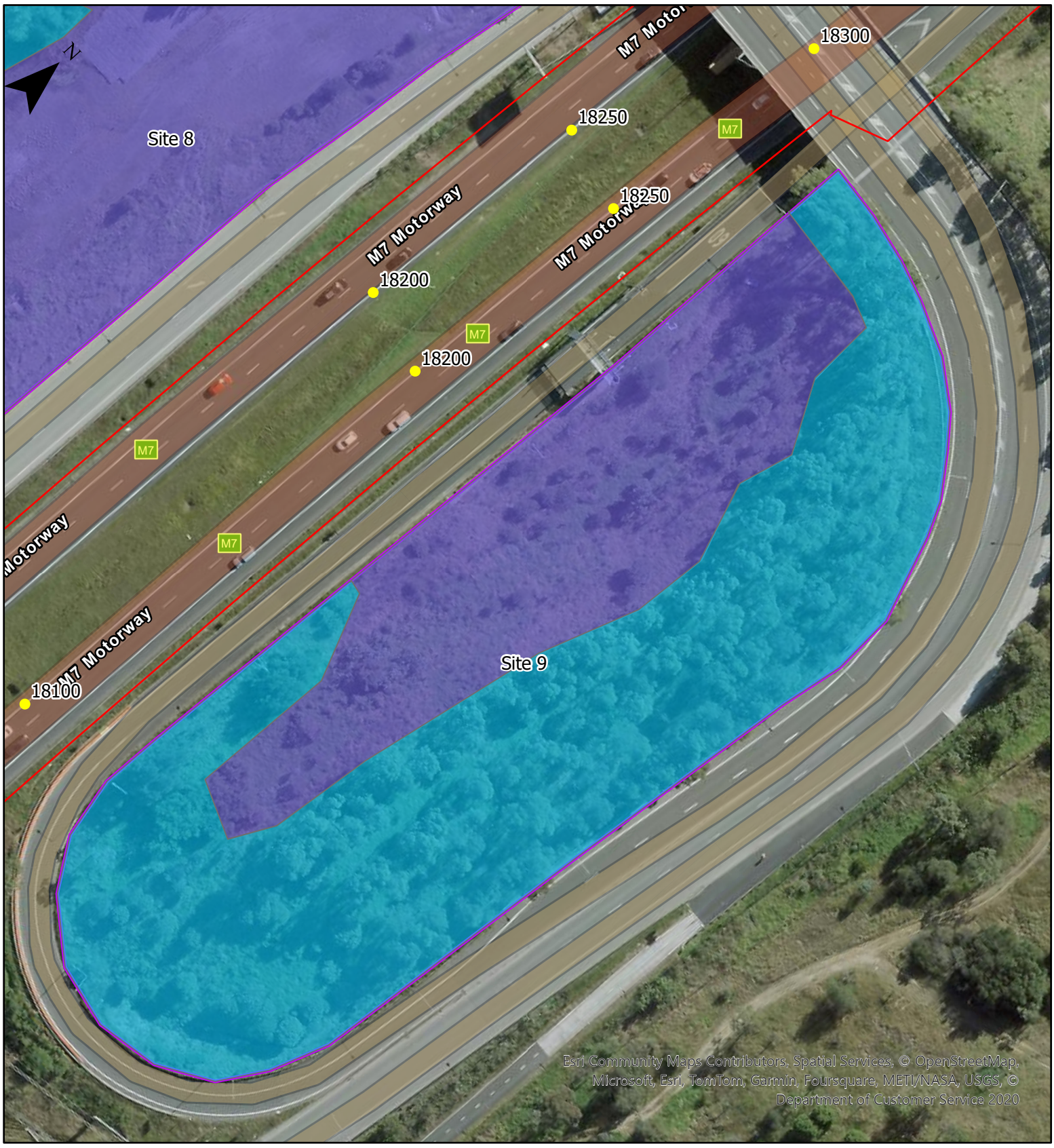
CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, Planted



CA019 M7 Widening- Site 9 (chainage 18300)

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Approved M7 Construction Footprint (May 2024)

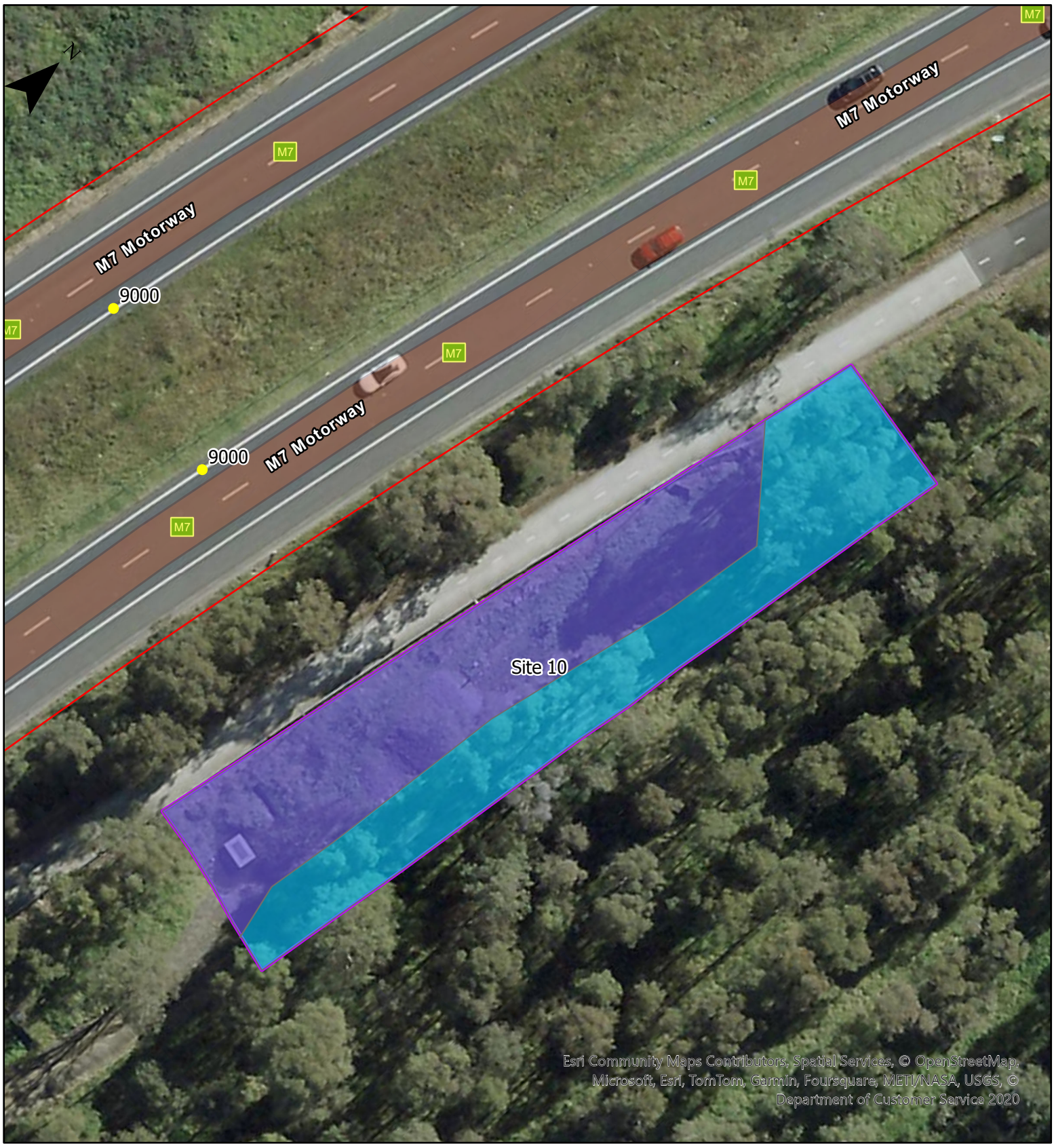
CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, Planted



CA019 M7 Widening- Site 10 (chainage 9050)

1:500

0 4.5 9 18 Meters

Approved M7 Construction Footprint (May 2024)

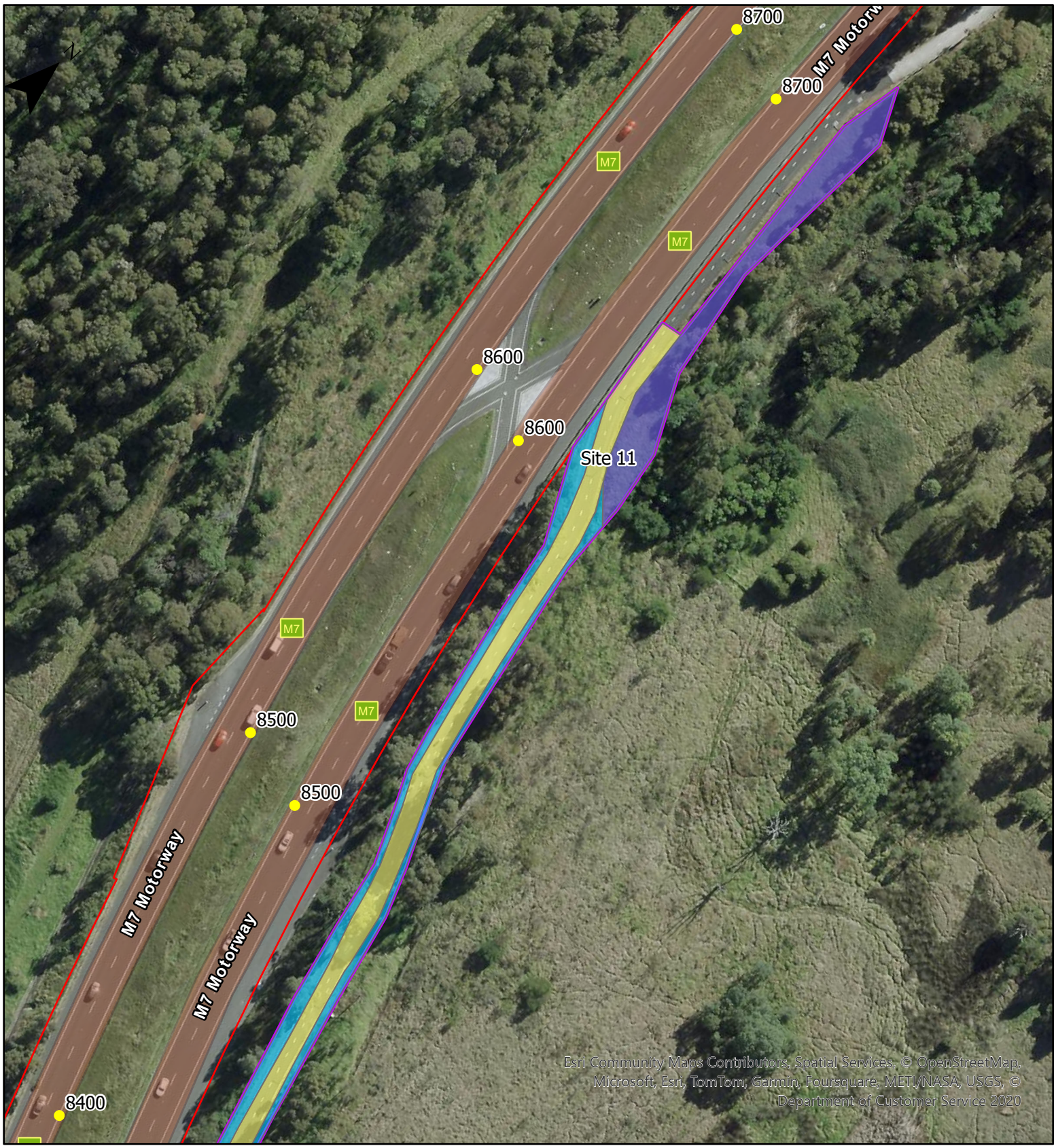
CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, Planted



CA019 M7 Widening- Site 11 North (chainage 8640)

1:1,200 0 10 20 40 Meters

Approved M7 Construction Footprint (May 2024)

CA019 sites

M7 Design Chainages 20230828

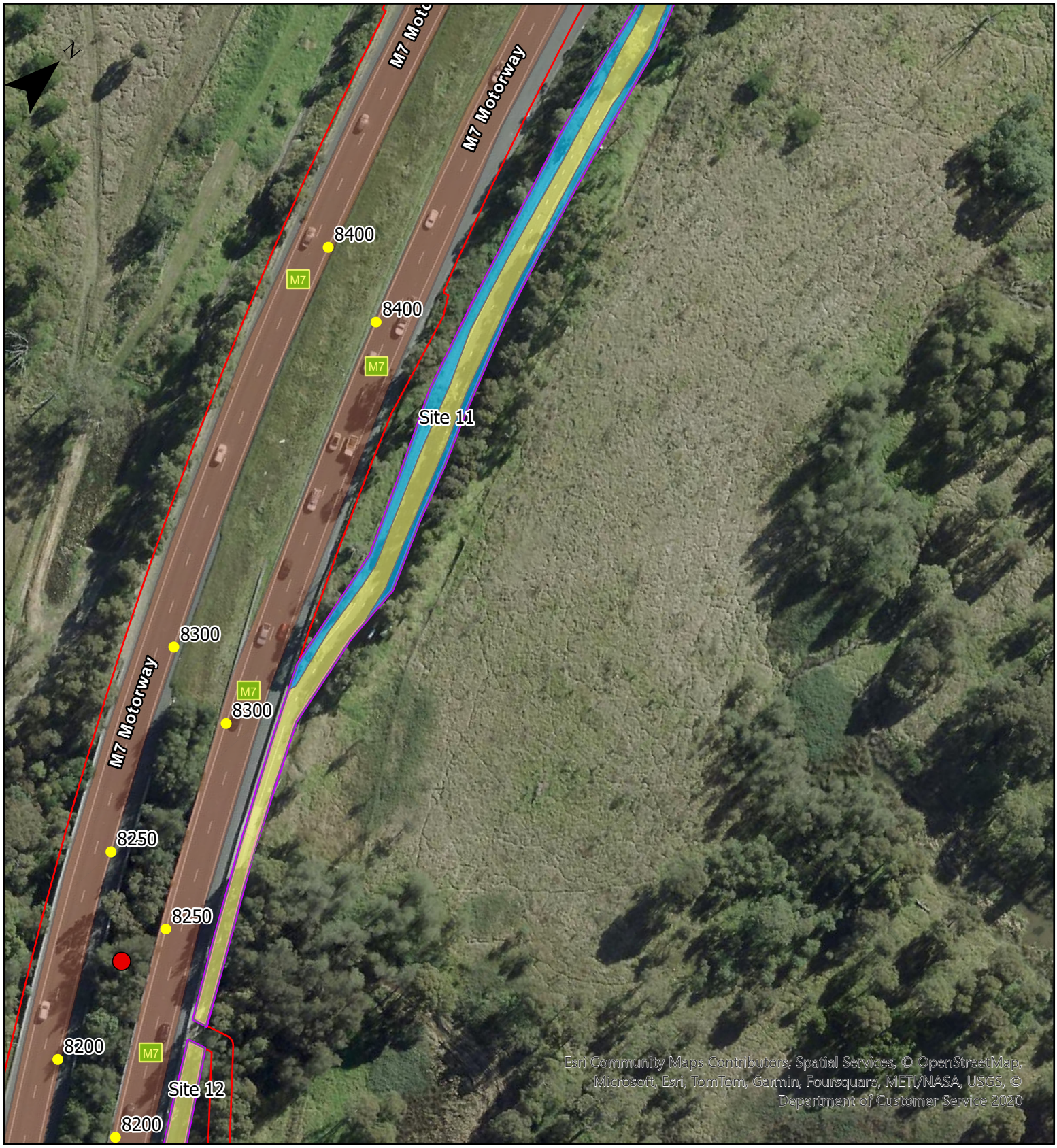
CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, Planted

n/a, SUP

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CA019 M7 Widening- Site 11 South (chainage 8640)

1:1,200 0 10 20 40 Meters

Approved M7 Construction Footprint (May 2024)

CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

n/a, Planted

n/a, SUP



CA019 M7 Widening- Site 12 (chainage 8640)

1:850

0 5 10 20 Meters

Approved M7 Construction Footprint (May 2024)

CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, SUP



CA019 M7 Widening- Site 15 (chainage 6100)

1:350

0 3 6 12 Meters

Approved M7 Construction Footprint (May 2024)

CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, SUP



CA019 M7 Widening- Site 19 (chainage 1105)

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Approved M7 Construction Footprint (May 2024)

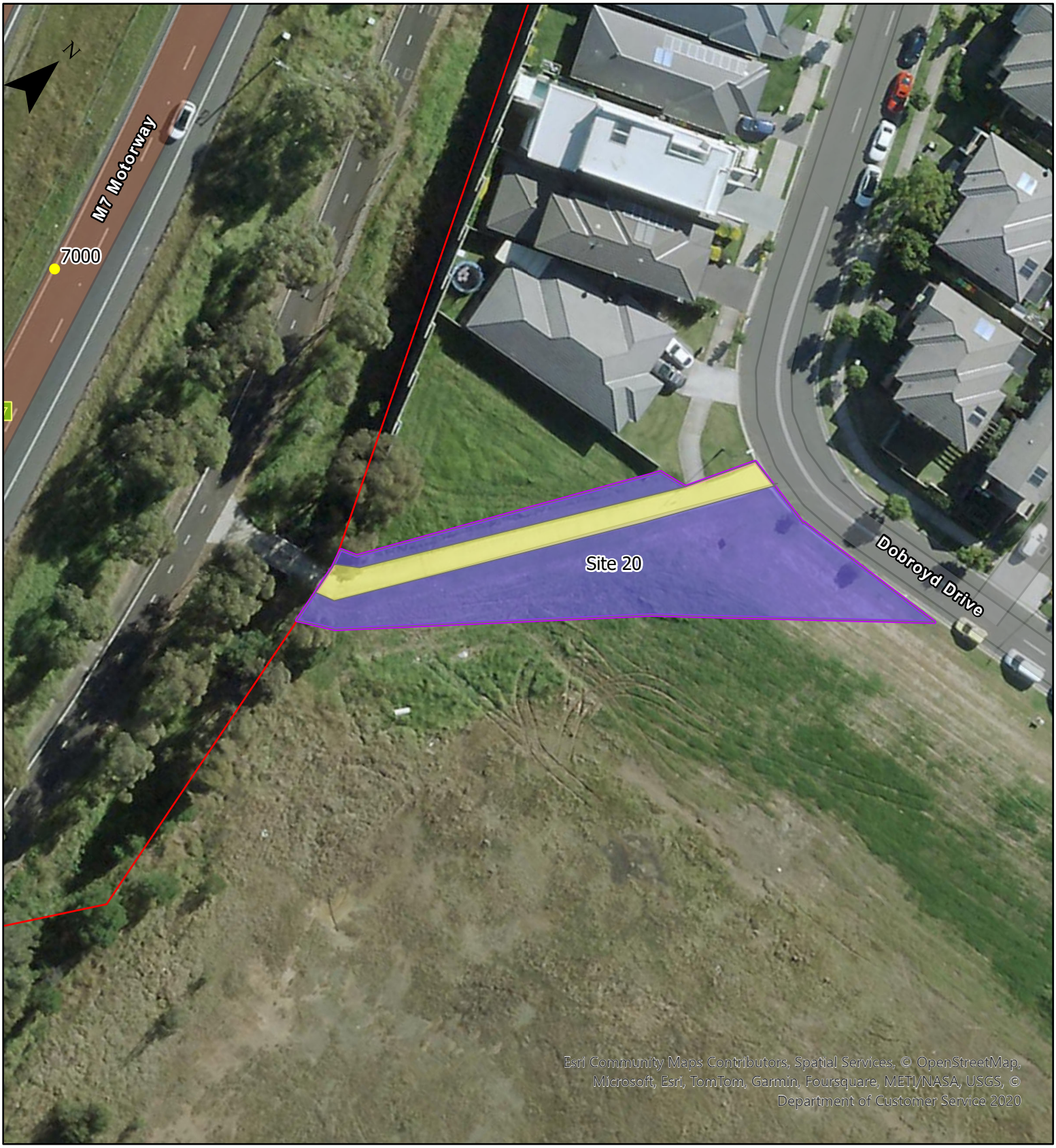
CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, Road



CA019 M7 Widening- Site 20 (chainage 7000)

1:600

0 5 10 20 Meters

Approved M7 Construction Footprint (May 2024)

CA019 sites

M7 Design Chainages 20230828

CA019 vegetation zones and condition classes

n/a, Disturbed

n/a, SUP

Attachment 2 – Site Assessments

Site ID	**Site 4- Chainage 19200**
Location	Next to the M7 southbound lane, south of the Light Horse Interchange.
Proposed activities	Construction of an access track to drainage basin. Vegetation clearing.
Vegetation composition	The area contains an existing access track from Gate 19. The site consists of areas of planted vegetation following the construction of the M7 motorway. Vast areas of exotic pasture grasses and weeds are present, as well as a drainage line where water plants presumably exist. PCT vegetation possibly existing in the southern-most extent of site, further assessment scheduled prior to total clearing.
Native species list	Canopy: Spotted Gum (*Corymbia maculata*), Narrow-leaved Ironbark (*Eucalyptus crebra*), Grey Box (*Eucalyptus moluccana*). Mid-stratum: *Acacia* spp (multiple species), *Casuarina* spp, Tick Bush (*Kunzea ambigua*). Ground cover: Spiny-headed Mat-rush (*Lomandra longifolia*).
Weed species list	Mid-stratum: Jacaranda (*Jacaranda mimosifolia*), African Olive (*Olea europaea*). Ground cover: Croftons Weed (*Ageratina adenophora*), (Cobblers Pegs (*Bidens pilosa*), Kikuyu (*Cenchrus clandestinus*), Rhodes Grass (*Chloris gayana*), Thistle (*Cirsium vulgare*), Paterson's Curse (*Echium plantagineum*), Fennel (*Foeniculum vulgare*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	Disturbed, Planted, Road, Median (exotic grasses), Further assessment
Justification for vegetation zone and condition class	The vegetation within the site consists native canopy and shrubs considered non-PCT vegetation and planted. The southern-most area will use the 2-step access/clearing process to allow proper assessment. The northern areas already surveyed contain no PCT or remnant vegetation.
Photo	

Site ID	**Site 5- Chainage 19200**
Location	The access road at gate 19, between the M7 motorway and Wallgrove Road.
Proposed activities	Construction of an access track to drainage basin. Vegetation clearing.
Vegetation composition	The area contains an existing access track from Gate 19. No Native vegetation expected to be cleared, some ground cover of exotic grasses and weeds running beside the track is expected to be cleared.
Native species list	N/A
Weed species list	Ground cover: Cobblers pegs (*Bidens pilosa*), Rhodes Grass (*Chloris gayana*), Common Sowthistle (*Sonchus oleraceus*), White Clover (*Trifolium repens*), Common Vetch (*Vicia sativa*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	Disturbed, Road
Justification for vegetation zone and condition class	Only exotic ground cover requires vegetation clearing. No remnant or PCT vegetation.
Photo	

Site ID	**Site 8- Chainage 18300**
Location	The island between the northbound on-ramp for the M7 motorway and Wallgrove Road.
Proposed activities	Drainage basin, vegetation clearing.
Vegetation composition	The area consists of a planted canopy of native trees, a sparse mid stratum of natives and exotics and a ground layer of exotic pasture grasses and weeds. This area is highly disturbed and planted from previous construction activities by the M7 Motorway.
Native species list	Canopy: Grey Box (*Eucalyptus moluccana*), Narrow-leaved Ironbark (*E. crebra*). Mid-stratum: *Acacia* spp (multiple species), Swamp She-oak (*Casuarina glauca*), Headache Vine (*Clematis glycinoides*), Bulrush (*Typha orientalis*).
Weed species list	Mid-stratum: African Boxthorn (*Lycium ferocissimum*). Ground Cover: Cobblers Pegs (*Bidens pilosa*), Kikuyu (*Cenchrus clandestinus*), Rhodes grass (*Chloris gayana*), Spear Thistle (*Cirsium vulgare*), Fleabane (Erigeron bonariensis), Fennel (*Foeniculum vulgare*), Castor Oil (*Ricinis communis*), Fireweed (*Senecio madagascariensis*) (WONS), Shoddy Ragwort (*Senecio pterophorus*), Arrow-leaf Sida (*Sida rhombifolia*), Sticky Nightshade (*Solanum sisymbriifolium*), Common Sowthistle (*Sonchus oleraceus*), Purpletop Vervain (*Verbena bonariensis*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	Disturbed, Planted
Justification for vegetation zone and condition class	The vegetation within the site consists of planted native canopy and mid-stratum, with a ground cover of exotic grasses and weeds, there is no remnant vegetation within the site.
Photo	

Site ID	**Site 9- Chainage 18300**
Location	The island between the southbound on-ramp for the M7 motorway and Wallgrove Road.
Proposed activities	Drainage basin, vegetation clearing.
Vegetation composition	The area consists of a planted canopy of native trees, a sparse mid stratum of natives and exotics and a ground layer of exotic pasture grasses and weeds. This area is highly disturbed and planted from previous construction activities by the M7 Motorway.
Native species list	Canopy: Grey Box (*Eucalyptus moluccana*), Narrow-leaved Ironbark (*E. crebra*). Mid-stratum: Swamp She-oak (*Casuarina glauca*), Spiny-headed Mat-rush (*Lomandra longifolia*), Crimson Bottlebrush (*Melalauca citrina*), *Callistemon* spp; Bulrush (*Typha orientalis*).
Weed species list	Mid-stratum: Queensland silver wattle (*Acacia podalyriifolia*), African Olive (*Olea europaea*). Ground Cover: Cobblers Pegs (*Bidens pilosa*), Big Quaking Grass (*Briza maxima*), Kikuyu (*Cenchrus clandestinus*), Rhodes grass (*Chloris gayana*), Spear Thistle (*Cirsium vulgare*), Fennel (*Foeniculum vulgare*), Fireweed (*Senecio madagascariensis*) (WONS), Shoddy Ragwort (*Senecio pterophorus*), Arrow-leaf Sida (*Sida rhombifolia*), Common Sowthistle (*Sonchus oleraceus*), Purpletop Vervain (*Verbena bonariensis*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation
Condition class	Disturbed, Planted
Justification for vegetation zone and condition class	The vegetation within the site consists of planted native canopy and mid-stratum, with a ground cover of exotic grasses and weeds, there is no remnant vegetation within the site.
Photo	

Site ID	**Site 10- Chainage 9050**
Location	Next to the southbound M7 lane and the SUP, halfway between the Elizabeth Dr Bridge and Hinchinbrook Creek Bridge.
Proposed activities	Construction of drainage swale and vegetation clearing.
Vegetation composition	The area consists of a planted canopy of native trees, a sparse mid stratum of natives and exotics and a ground layer of exotic pasture grasses and weeds. This area is highly disturbed and planted from previous construction activities by the M7 Motorway. Pre-existing drainage swale in the site.
Native species list	Canopy: Spotted Gum (*Corymbia maculata*). Mid-stratum: *Acacia* spp (multiple species), Spiny-headed Mat-rush (*Lomandra longifolia*),
Weed species list	Ground cover: Cobblers Pegs (*Bidens pilosa*), Kikuyu (*Cenchrus clandestinus*), Rhodes grass (*Chloris gayana*), Fleabane (Erigeron bonariensis), Arrow-leaf Sida (*Sida rhombifolia*), Common Sowthistle (*Sonchus oleraceus*), White Clover (*Trifolium repens*), Purpletop Vervain (*Verbena bonariensis*), Common Vetch (*Vicia sativa*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	Disturbed, Planted
Justification for vegetation zone and condition class	The vegetation within the site consists of planted native canopy and mid-stratum, with a ground cover of exotic grasses and weeds, there is no remnant vegetation within the site.
Photo	

Site ID	**Site 11- Chainage 8640**
Location	The site being the SUP on the verge of the northbound carriageway of the M7.
Proposed activities	Access to drainage basin and vegetation clearing.
Vegetation composition	Most of the site consists of the SUP, however there is some exotic ground cover and planted native trees/shrubs being removed next to the SUP.
Native species list	Canopy: Spotted Gum (*Corymbia maculata*). Mid-stratum: Sweet Bursaria (*Bursaria spinosa*).
Weed species list	Mid-stratum: Lantana (*Lantana camara*) (WONS), Shoddy Ragwort (*Senecio pterophorus*). Ground cover: Cobblers Pegs (*Bidens pilosa*), Rhodes Grass (*Chloris gayana*), African Lovegrass (*Eragrostis curvula*), Red-flowered Mallow (*Modolia caroliniana*), Fireweed (*Senecio madagascariensis*) (WONS), Common Sowthistle (*Sonchus oleraceus*), Clover (*Trifolium repens*), Purpletop Vervain (*Verbena bonariensis*), Vetch (*Vicia sativa*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	SUP, Disturbed, Planted
Justification for vegetation zone and condition class	No mature trees or remnant vegetation is being cleared. Vegetation clearing is mostly exotic grasses and weeds with minimal native clearing of shrubs and trees.
Photo	

Site ID	**Site 12- Chainage 8640**
Location	The site being the SUP on the verge of the northbound carriageway of the M7.
Proposed activities	Construction of ITS connections and vegetation clearing.
Vegetation composition	Most of the site consists of the SUP, however there is some exotic ground cover consisting of exotic grasses and weeds that is being removed next to the SUP.
Native species list	N/A.
Weed species list	Ground cover: Cobblers Pegs (*Bidens pilosa*), Rhodes Grass (*Chloris gayana*), African Lovegrass (*Eragrostis curvula*), Red-flowered Mallow (*Modolia caroliniana*), Fireweed (*Senecio madagascariensis*) (WONS), Common Sowthistle (*Sonchus oleraceus*), Clover (*Trifolium repens*), Purpletop Vervain (*Verbena bonariensis*), Vetch (*Vicia sativa*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	SUP, Disturbed
Justification for vegetation zone and condition class	No native remnant vegetation, minimal vegetation to be cleared. Exotic grasses and weeds present. Area is highly disturbed from the building of the M7.
Photo	 **Street view Sep 2023 (zoomed out view of SUP from motorway)**

Site ID	**Site 15- Chainage 6100**
Location	Between Hemsworth Ave and the M7 northbound lane/SUP.
Proposed activities	Access to noise wall and vegetation clearing.
Vegetation composition	The site consists of the SUP/access track and a lawn strip/garden bed running along the SUP. The lawn consists of exotic grasses and some sporadic weeds. Planted garden may be in the boundary, this contains *Lomandra longifolia*.
Native species list	Mid-stratum/ground cover: Spiny-headed Mat-rush (*Lomandra longifolia*).
Weed species list	Ground cover: Buffalo Grass (*Bouteloua dactyloides*), Common Sowthistle (*Sonchus oleraceus*), Clover (*Trifolium repens*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	SUP, Disturbed
Justification for vegetation zone and condition class	No native trees or remnant vegetation is being cleared. Vegetation clearing is limited to Lawn and possibly some native garden consisting of *Lomandra longifolia*.
Photo	

Site ID	**Site 19- Chainage 1105**
Location	The site being Barcelona Dr and off shoots for access, next to the M7 southbound lane. South of Kurrajong Road.
Proposed activities	Access for noise wall and vegetation clearing.
Vegetation composition	Most of the site consists of Barcelona drive as the access road. There is some exotic vegetation existing within the site however this was identified as exotic grasses and weeds in the mid-stratum and ground cover.
Native species list	N/A.
Weed species list	Mid-stratum: African Olive (*Olea europaea*). Ground cover: Cobblers Pegs (*Bidens pilosa*), Kikuyu (*Cenchrus clandestinus*), Rhodes Grass (*Chloris gayana*), Spear Thistle (*Cirsium vulgare*), Ribwort Plantain (*Plantago lancelolata*), Common Sowthistle (*Sonchus oleraceus*), Clover (*Trifolium repens*), Purpletop Vervain (*Verbena bonariensis*), Vetch (*Vicia sativa*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	SUP, Disturbed
Justification for vegetation zone and condition class	No native remnant vegetation, minimal vegetation to be cleared. All vegetation clearing is exotic and weedy mid-stratum/ground cover. Area is highly disturbed from the building of the M7.
Photo	

Site ID	**Site 20- Chainage 7000**
Location	Between Dobroyd Drive and the M7 southbound lane, the site is the SUP access path.
Proposed activities	Access track to noise wall, vegetation clearing.
Vegetation composition	The area is predominantly lawn with one planted shrub. SUP also included within the footprint. This site is highly disturbed from previous landscaping by the nearby housing development.
Native species list	Mid-stratum: Crimson bottlebrush (*Melaleuca citrina*).
Weed species list	Ground Cover: Cobblers Pegs (*Bidens pilosa*), Buffalo Grass (*Bouteloua dactyloides*), Common Sowthistle (*Sonchus oleraceus*), White Clover (*Trifolium repens*), Purpletop Vervain (*Verbena bonariensis*).
Contiguous with vegetation zone mapped in the BDAR	Yes.
Equivalent to vegetation zone mapped in the BDAR	N/A Non-PCT vegetation.
Condition class	Disturbed, Road
Justification for vegetation zone and condition class	The vegetation within the site consists of one planted native shrub, as well as lawn grasses and various weeds, there is no remnant vegetation within the site.
Photo	

Attachment 3 – Site Photos

Photo 1 – Site 4, northern-most area	
Photo 3 – Site 4, Photo from street view Sep 2023.	
Photo 4 – Site 4, Photo from street view Sep 2023.	

Photo 6 – Site 5	

Photo 7 – Site 5, Gate 19 signage.	
Photo 9 – Site 8	

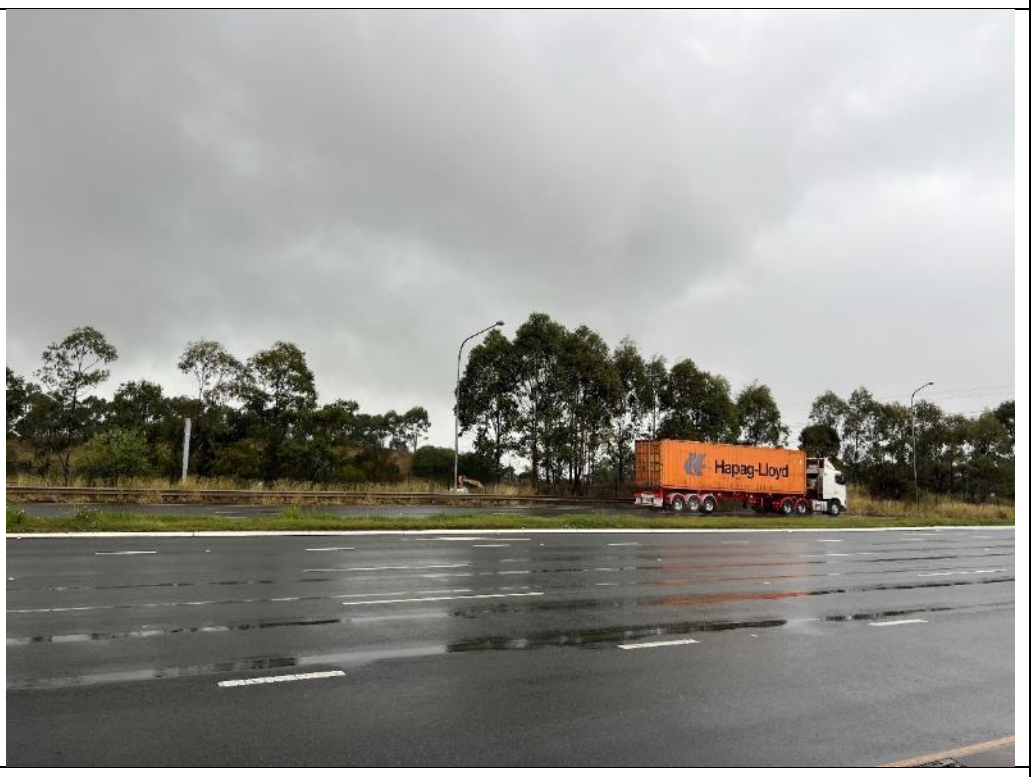
Photo 10 – Site 8	
Photo 12 – Site 9	

Photo 18 – Site 10, facing north	
Photo 20 – Site 10	

Photo 21 – Site 11	
Photo 24- Site 15	

Photo 25- Site 15	
Photo 26- Site 15	

Photo 27- Site 15	
Photo 29- Site 19, Barcelona Dr access.	

Photo 28- Site 19	
Photo 30- Site 19	

Photo 31- Site 20	
Photo 32- Site 20	

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Appendix B

Heritage memo

M7-M12 Integration Project: Construction Footprint Changes

Consistency Assessment

LGA: Blacktown, Fairfield and Liverpool

Report to John Holland on behalf of TfNSW

January 2025

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CONTENTS

1.0 Introduction 1
1.1 Project background 1
1.2 Limitations and constraints 2
1.3 Authors and contributors 2
2.0 Heritage review 10
2.1 Introduction 10
2.2 AHIMS search 10
2.3 ALCA- 04 and ALCA-05 11
2.3.1 Aboriginal archaeology 11
2.3.2 Built heritage 12
2.3.3 Non-Aboriginal archaeology 12
2.4 ALCA 08 and ALCA-09 21
2.4.1 Aboriginal archaeology 21
2.4.2 Built heritage 21
2.4.3 Non-Aboriginal archaeology 21
2.5 ALCA-10 23
2.5.1 Aboriginal archaeology 23
2.5.2 Built heritage 23
2.5.3 Non-Aboriginal archaeology 23
2.6 ALCA-11 and ALCA-12 27
2.6.1 Aboriginal archaeology 27
2.6.2 Built heritage 30
2.6.3 Non-Aboriginal archaeology 30
2.7 ALCA-15 31
2.7.1 Aboriginal archaeology 31
2.7.2 Built heritage 31
2.7.3 Non-Aboriginal archaeology 31
2.8 ALCA-19 33
2.8.1 Aboriginal archaeology 33
2.8.2 Built heritage 33
2.8.3 Non-Aboriginal heritage 33
2.9 ALCA-20 36
2.9.1 Aboriginal archaeology 36
2.9.2 Built heritage 36
2.9.3 Non-Aboriginal heritage 36
3.0 Conclusions and recommendations 42

3.1 Conclusions 42
3.2 Recommendations 43
4.0 References 44

FIGURES

Figure 1: Location of ALCA-04 and ALCA-05 3
Figure 2: Location of ALCA-08 and 09 4
Figure 3: Location of ALCA-10 5
Figure 4: Location of ALCA-11 and 12 6
Figure 5: Location of ALCA-15 7
Figure 6: Location of ALCA-19 8
Figure 7: Location of ALCA-20 9
Figure 8: AHIMS detail of ALCA-04 and ALCA-05 13
Figure 9: Light Horse Business Hub predictive model of Aboriginal archaeological potential (Source: Extent Heritage 2020, Figure 20, page 48) 14
Figure 10: Summary of Aboriginal objects recovered during the Light Horse Business Hub test excavations, showing the low number of finds and previously recorded AHIMS ID 45-5-2565 adjacent to the Westlink M7 (Source: Extent Heritage 2020, Figure 28, page 81) 15
Figure 11: Summary of Aboriginal archaeological material recovered during the Light Horse Business Hub test excavations, showing the area of AHIMS ID 45-5- 5285 (LBIBH BS) adjacent to the Westlink M7 (Source: Extent Heritage 2020, Figure 29, page 82) 16
Figure 12: Map of Liverpool-Menangle, dated 1917, showing no historical structures within the proposed work areas 17
Figure 13: 1942 aerial imagery, showing the Wallgrove Army Camp around ALCA-04 and ALCA-05 18
Figure 14: 1965 aerial imagery, showing the Wallgrove Migrant Hostel around ALCA-04 and ALCA-05 19
Figure 15: 2004 aerial imagery, showing evidence of ground disturbance associated with works on the Westlink M7 20
Figure 16: AHIMS detail of ALCA-08 and ALCA-09 22
Figure 17: AHIMS detail of ALCA-10 24
Figure 18: 1947 aerial imagery, with no evidence of historical development in the vicinity of ALCA-10, ALCA-11 and ALCA 12 25
Figure 19: 2004 aerial imagery, showing evidence of ground disturbance associated with works on the Westlink M7 26
Figure 20: AHIMS detail of ALCA-11 and ALCA-12 28
Figure 21: Location of AHIMS ID 45-5-2793 (PAD-OS-4) and AHIMS ID 45-5-2723 (PAD-OS-5) in relation to ALCA-11 and ALCA-12 29
Figure 22: Site inspection of AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793 in ALCA-11 and ALCA-12, view north adjacent to the existing SUP 30
Figure 23: AHIMS detail of ALCA-15 32
Figure 24: South-west view of the beehive cistern prior to the construction of Barcelona Drive in ALCA-19, looking towards Westlink M7 (Source: Artefact, 2021) 34
Figure 25: View of the cistern following the removal of the dome (Source: Artefact, 2021) 34
Figure 26: AHIMS detail of ALCA-19 35

Figure 27: Location of ALCA-20 37

Figure 28: Parish of Cabramatta dated to 1940 showing no development within or proximity to ALCA-20 38

Figure 29: Historical arial photograph from 1977 of ALCA-20 39

Figure 30: 2004 aerial imagery, showing ground disturbance from previous Westlink M7 works adjacent to ALCA-20 40

Figure 31: 2011 aerial imagery, showing ground disturbance from developments at ALCA-20 41

TABLES

Table 1: Proposed works and location of each work area 2

Table 2: Summary of AHIMS searches information. 10

1.0 INTRODUCTION

1.1 Project background

The four traffic lane Westlink M7 Motorway (formerly known as the Western Sydney Orbital) is a 39-kilometre-long toll road that provides direct access between the F5/M5 Motorway at Prestons, the M4 Motorway at Eastern Creek, and the M2 Motorway at West Baulkham Hills. The construction of the State Significant Infrastructure (SSI) Westlink M7 project (SSI-663) was approved under the then Division 4, Part 5 of the *Environmental Planning and Assessment Act 1979* (NSW) (EP&A Act) on 28 February 2002.

In 2022 Transport for NSW (TfNSW) sought a modification to the approval to enable the construction and operation of an additional lane in both directions within the existing median of the Westlink M7 for approximately 26 kilometres. These works are currently being undertaken between the Richmond Road interchange at Oakhurst/Glendenning in the north and the Kurrajong Road overhead bridge at Prestons to the south, and are expected to be opened to traffic prior to opening of the Western Sydney Airport. Approval for the M7 Widening modification was granted on 17 February 2023 (Modification 6 Widening; SSI-663-Mod-6) and Conditions of Approval (CoA) were subsequently amended and reissued and Revised Environmental Management Measures (REMMS) were updated to manage identified impacts.[1]

Artefact Heritage and Environment (Artefact) has been engaged by John Holland on behalf of Transport for NSW (TfNSW) to prepare a heritage assessment to support changes to the project construction footprint which include an additional ten locations for incorporation into the Westlink M7 construction footprint (refer to Table 1 for a summary of these areas). Construction activities in these areas would include material laydown, Shared User Path (SUP) diversions, creation of accesses to drainage works, vegetation removal, earthworks as well as construction of drainage infrastructure and noise walls.

These works would be delivered as part of the M7-M12 Integration project, which involves the integration between the M12 Motorway (SSI-9364) and M7 Widening projects and is being delivered by John Holland on behalf of TfNSW

Details of the ten proposed work areas are provided in Table 1 below and the locations are shown in Figure 1 to Figure 7.

[1] Transport for NSW, Westlink M7 Widening Modification Report, accessed https://www.planningportal.nsw.gov.au/major-projects/projects/m7-motorway-mod-6-widening (15 January 2023).

Table 1: Proposed works and location of each work area

Site ID	Lot numbers	LGA	Proposed works
ALCA-04	DP1041745 Lot 4	Blacktown	Use of existing access track and installation of temporary pavement to allow further investigations and construction of drainage infrastructure.
ALCA-05	DP1041745 Lot 4	Blacktown	Use of existing track for access from Wallgrove Road to eastern side of M7 motorway.
ALCA-08	DP1117825 Lot 3 DP1049029 Lot 13	Blacktown	Construction of drainage infrastructure
ALCA 09	DP1049029 Lot 13	Blacktown	Construction of drainage infrastructure
ALCA 10	DP1041391 Lot 12	Liverpool	Construction of drainage infrastructure.
ALCA 11	DP1042996 Lot 24 DP1041391 Lot 12	Liverpool	Use of existing SUP to provide access to Site 10. Installation of Minor Construction Ancillary Facility (MCAF).
ALCA 12	DP1042996 Lot 24	Liverpool	Use of existing SUP to provide access to Site 10.
ALCA-15	DP280017 Lot 199	Liverpool	Use of existing maintenance access to construct noise wall.
ALCA-19	DP1278680 Lots 44, 45 and 46 DP1201166 Lot 19	Liverpool	Use of existing access track to construct noise wall.
ALCA-20	DP1158385 Lot 101	Liverpool	Use of existing SUP to construct noise wall.

1.2 Limitations and constraints

This consistency assessment is based on desktop research. It has primarily been informed by the existing heritage assessments that have been prepared as part of the M7 Widening modification. Due to the expected high levels of ground disturbance (from previous construction works) identified during this desktop assessment, visual inspections have been limited to locations where known Aboriginal sites are located in close proximity to the proposed work areas (ALCA-11 and ALCA-12). Site inspections were not undertaken to identify potential unlisted heritage items.

1.3 Authors and contributors

This report was prepared by Pedro Silva (Heritage Consultant), Eitan Harris (Graduate Heritage Consultant), Lily Hackett (Heritage Consultant) and Jayden van Beek (Technical Specialist) of Artefact.

Figure 1: Location of ALCA-04 and ALCA-05



Figure 2: Location of ALCA-08 and 09



Figure 3: Location of ALCA-10



Figure 4: Location of ALCA-11 and 12



Figure 5: Location of ALCA-15



Figure 6: Location of ALCA-19



Figure 7: Location of ALCA-20



2.0 HERITAGE REVIEW

2.1 Introduction

This section provides a review of built heritage and Aboriginal and non-Aboriginal archaeology for each work area. The assessments have been informed by searches of relevant heritage registers (undertaken on 18 July 2024), searches of the Aboriginal Heritage Information Management System (AHIMS) database, reviews of historical maps and plans, and reviews of existing M7 Widening Environmental Assessment Documentation and management plans, including:

- AECOM, 2022a. Appendix I: Aboriginal Cultural Heritage – Stage 2 PACHCI – Archaeological Survey Report (ASR). Report to Transport for NSW
- AECOM, 2022b. Appendix J: Non-Aboriginal Heritage Impact Assessment (HIA). Report to Transport for NSW
- John Holland, June 2024. Appendix B: M7-M12 Integration project: Construction Cultural Heritage Management Sub-plan (CCHMP).

The Due Diligence Code of Practice (Department of Environment, Climate Change and Water 2010) has been used to guide the assessment of Aboriginal potential. The Code of Practice identifies five landscape features that indicate the likely existence of Aboriginal objects:

- Within 200m of waters
- Located within a sand dune system
- Located on a ridge top, ridge line or headland
- Located within 200m below or above a cliff face
- Within 20m of or in a cave, rock shelter, or a cave mouth.

2.2 AHIMS search

A total of five extensive searches of the AHIMS database were undertaken to determine the location of Aboriginal sites in relation to the ten work areas (Table 2). The location of nearby AHIMS sites are shown in figures provided with the assessment of each work area.

Table 2: Summary of AHIMS searches information.

AHIMS search no.	Client ID and date	GDA, Zone 56, Eastings and Northings	Search area	Number of sites
1	**Date:** 08/07/2024 **Client ID:** 908079	**Eastings:** 299360.0 - 302378.0 **Northings:** 6259443.0 - 6262484.0	1.5km x 1.5km	55
2	**Date:** 08/07/2024 **Client ID:** 908136	**Eastings:** 299707.0 - 302684.0 **Northings:** 6255721.0 -6258705.0	1.5km x 1.5km	102
3	**Date:** 08/07/2024 **Client ID:** 908104	**Eastings:** 300107.0 - 302098.0 **Northings:** 6244500.0 -6246486.0	1km x 1km	18
4	**Date:** 08/07/2024 **Client ID:** 908115	**Eastings:** 01521.0 - 305520.0 **Northings:** 6240807.0 -6244813.0	2km x 2km	52

AHIMS search no.	Client ID and date	GDA, Zone 56, Eastings and Northings	Search area	Number of sites
5	**Date:** 12/09/2023 **Client ID:** 818941	**Eastings:** 297350.0 – 301400.0 **Northings:** 6245560.0 - 6250380.0	4.5km x 4.5km	80

2.3 ALCA- 04 and ALCA-05

2.3.1 Aboriginal archaeology

The southern end of ALCA-04 crosses Eskdale Creek, a 2nd order stream that flows into Eastern Creek, and ALCA-05 is located approximately 500m north-west of Eskdale Creek (Figure 8). Both areas are located within the lower slopes of a valley, with a ridgeline to the south, west and east. ALCA-04 and ALCA-05 are located within the Blacktown and South Creek soil landscapes. ALCA-05 is not located on any landscape features that indicate potential for Aboriginal objects to be present. ALCA-04 is located in one landform of archaeological potential, namely within 200m of a waterway. However, it is noted that for 2nd order streams the archaeological potential is typically highest within 50m of the water and declines with increasing distance, and only the southernmost area of ALCA-04 is within 50m of Eskdale Creek.[2]

A review of the M7 Widening ASR and AHIMS database has not identified any known AHIMS registered sites located within the two works areas. The closest sites to ALCA-04 are AHIMS ID 45-5-2565, located about 8m east of ALCA-4 (IF2), and AHIMS ID 45-5-5285 (LHIBH BS), which abuts the east side of ALCA-4. Both sites are characterised as valid in the AHIMS database and the M7 Widening ASR. AHIMS ID 45-5-2565 consists of two isolated artefacts, one silcrete and one chert flake, and an area of PAD associated with Eastern Creek, Reedy Creek, and Eskdale Creek. The land adjacent to the east of ALCA-04, including the location of AHIMS ID 45-5-2565, was assessed by Extent Heritage as part of the Light Horse Business Hub, Eastern Creek (SSD 9667) project. The predictive model presented in the Light Horse Business Hub Aboriginal Cultural Heritage Assessment Report (ACHAR) identified the area surrounding Eskdale Creek as having moderate Aboriginal archaeological potential (Figure 9).[3] The remainder of the eastern side of the site, which abuts most of ALCA-04 and includes part of ALCA-05, was assessed as having low archaeological potential.

The subsequent program of archaeological test excavation undertaken to inform the ACHAR included test excavations along the eastern side of the site. Although a total of 276 Aboriginal objects were recovered across the site, the majority of the excavated test pits located near ALCA-04 did not contain any Aboriginal objects (Figure 10), while the remaining nearby test pits only contained one object. Based on the test excavation results, most of the Light Horse Business Hub site was recorded as a single site, AHIMS ID 45-5-5285 (LBIBH BS – Figure 11), which is characterised as a low-density background scatter on the ground surface or in shallow topsoils that reflects an ephemeral or transient use of the region. AHIMS ID 45-5-5285 contains several low-density scatter sites and isolated finds, including AHIMS ID 45-5-2565. AHIMS ID 45-5-5285 was assessed as being of low significance and the ACHAR identified that no further management measures would be required for the site.[4]

Although ALCA-04 abuts AHIMS ID 45-5-5285 and is located near Eskdale Creek, based on the results of the Light Horse Business Hub test excavations the archaeological potential of the area is

[2] White, B. and J. McDonald, 2010. 'Lithic Distribution in the Rouse Hill Development Area, Cumberland Plain, New South Wales'. *Australian Archaeology*, No. 70, pp. 29-38.
[3] Extent Heritage, 2020. Light Horse Interchange Business Hub, Eastern Creek, NSW (SSD 9667): Aboriginal Cultural Heritage Assessment. Report to Western Sydney Parklands Trust. Page 42.
[4] Extent Heritage, 2020: 103.

low. Furthermore, a review of historical aerial imagery indicates that the locations of ALCA-04 and ALCA-05 were subject to ground disturbance as part of previous roadworks such as the original construction of the Westlink M7 (Figure 15).

Three other AHIMS registered sites are located within 200m of ALCA-04 and ALCA-05: AHIMS ID 45-5-5183 is located 160m east of ALCA-04, AHIMS ID 45-5-2974 is located 150m south-west of ALCA-04, and AHIMS ID 45-5-2720 is located 100m north of ALCA-05. Of these AHIMS ID 45-5-2720 and AHIMS ID 45-5-2974 are characterised as destroyed in the AHIMS database and the M7 Widening ASR,[5] while AHIMS ID 45-5-5183 is also included as part of AHIMS ID 45-5-5285.

Overall, considering the level of previous ground disturbance and the results of previous archaeological investigations, ALCA-04 and ALCA-05 are considered to have low Aboriginal archaeological potential. Furthermore, the proposed works in ALCA-04 adjacent to AHIMS ID 45-5-5285 are expected to be minor in nature and would primarily be limited to the use of existing access tracks and the installation of temporary pavement. Therefore, it is expected that the proposed works at ALCA-04 and ALCA-05 would cause no harm to known Aboriginal sites or potential Aboriginal objects.

2.3.2 Built heritage

A desktop review of the M7 Widening HIA and a search of relevant heritage registers has not identified any listed heritage items within 200m of ALCA-4 and ALCA-05. As a result, it is assessed that the proposed works would not cause any physical or visual impacts to built heritage items.

2.3.3 Non-Aboriginal archaeology

A review of the M7 Widening HIA has not identified any areas of non-Aboriginal archaeological potential within ALCA-04 and ALCA-05. A review of historical maps and aerial photographs has not identified any substantial historical development during the nineteenth or early twentieth century that would reach threshold of local significance (Figure 12). From 1941 to the 1980s the area around ALCA-04 and ALCA-05 was part of the Wallgrove Army Camp (1941-1946) followed by the Wallgrove Migrant Hostel.[6] Historical aerial photographs show several buildings associated with the army camp and the hostel within the footprints of ALCA-04 and ALCA-05 (Figure 13 and Figure 14). However, the locations of ALCA-04 and ALCA-05 were subject to substantial ground disturbance as part of later road works which removed many of the former structures (Figure 15).[7] Previous assessments have identified that archaeological remains associated with the army camp and the migrant hostel in the surrounding area were largely limited to concrete slabs, which have been previously archivally recorded and assessed as not reaching the threshold of local significance.[8] As a result, it is assessed that there is generally little to no potential for significant non-Aboriginal archaeological remains to be present, and it is not expected that the proposed works would cause any impacts to significant archaeological remains.

[5] AECOM, 2022a: 57.
[6] Extent Heritage, 2019. Light Horse Interchange Business Hub, Eastern Creek NSW (SSD 9667): Preliminary Non-Aboriginal Heritage Assessment. Report to Western Sydney Parklands Trust. Page 35.
[7] Banksia Heritage + Archaeology, 2003. Westlink M7 – Wallgrove Army Base and Migrant Hostel [WSO-E-11]: Archaeological Recording. Report to ERM Australia and Abigroup Leightons Joint Venture.
[8] Extent Heritage, 2019: 42-43.

Figure 8: AHIMS detail of ALCA-04 and ALCA-05

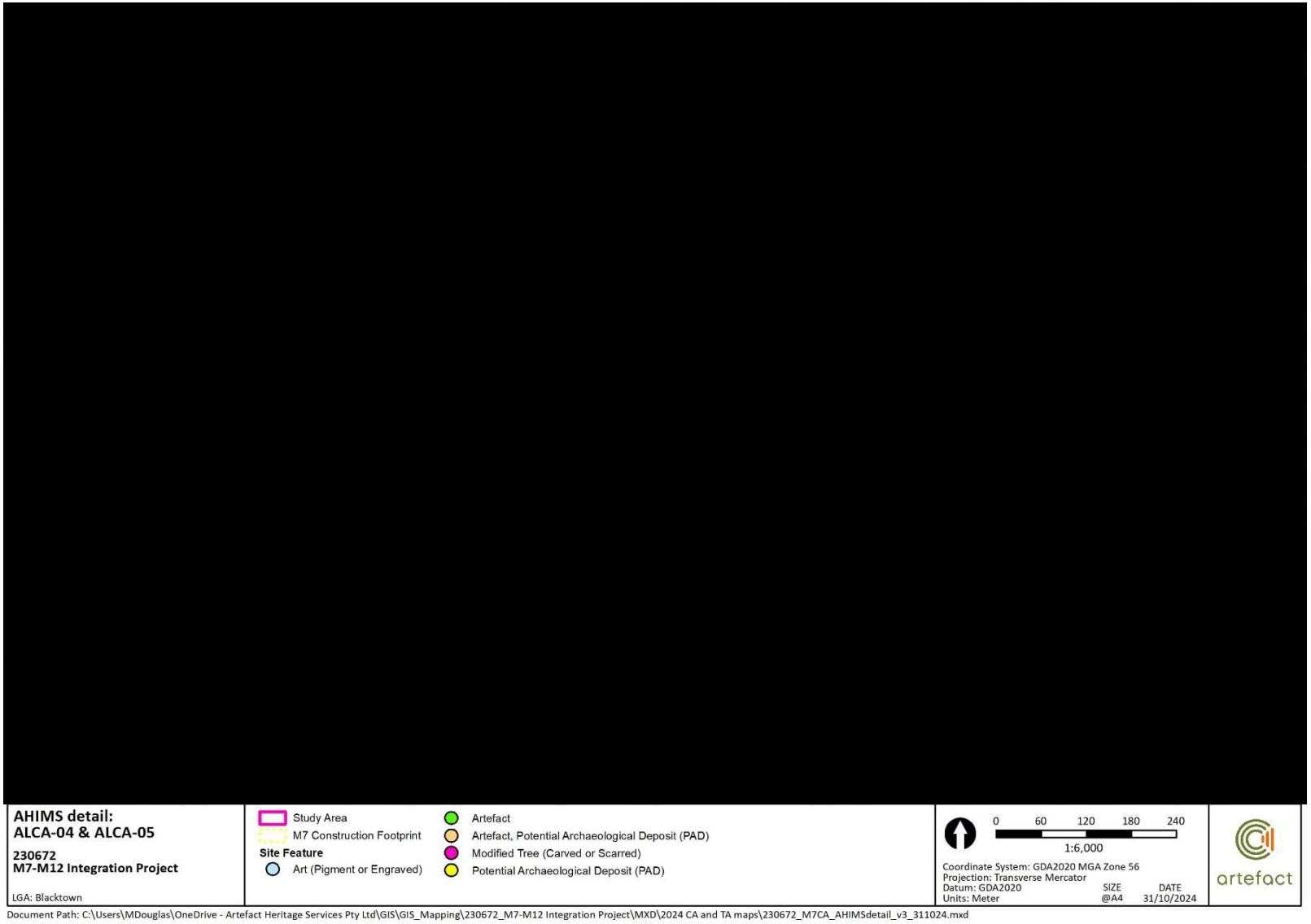


Figure 9: Light Horse Business Hub predictive model of Aboriginal archaeological potential (Source: Extent Heritage 2020, Figure 20, page 48)

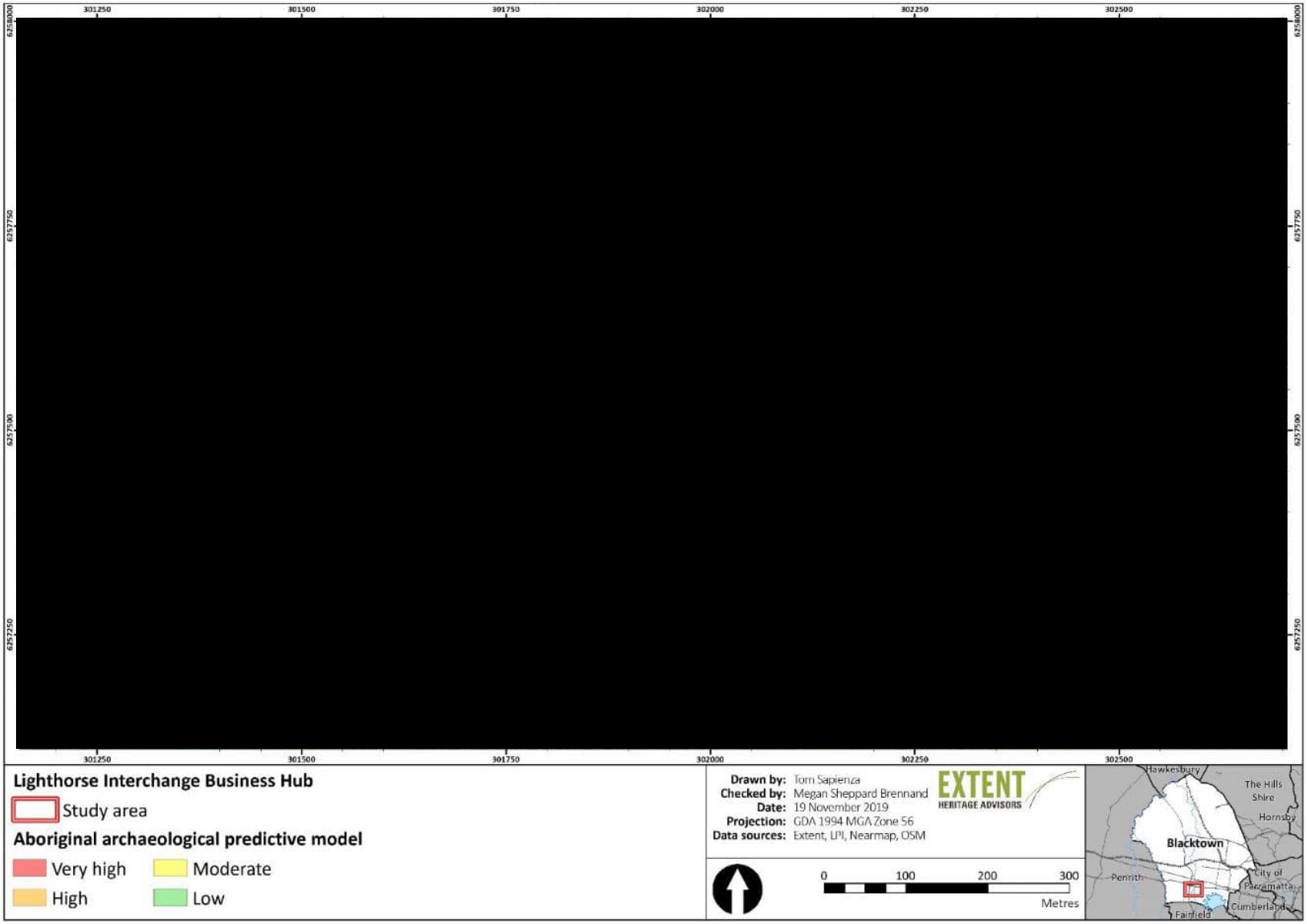


Figure 10: Summary of Aboriginal objects recovered during the Light Horse Business Hub test excavations, showing the low number of finds and previously recorded AHIMS ID 45-5-2565 adjacent to the Westlink M7 (Source: Extent Heritage 2020, Figure 28, page 81)



Figure 11: Summary of Aboriginal archaeological material recovered during the Light Horse Business Hub test excavations, showing the area of AHIMS ID 45-5- 5285 (LBIBH BS) adjacent to the Westlink M7 (Source: Extent Heritage 2020, Figure 29, page 82)

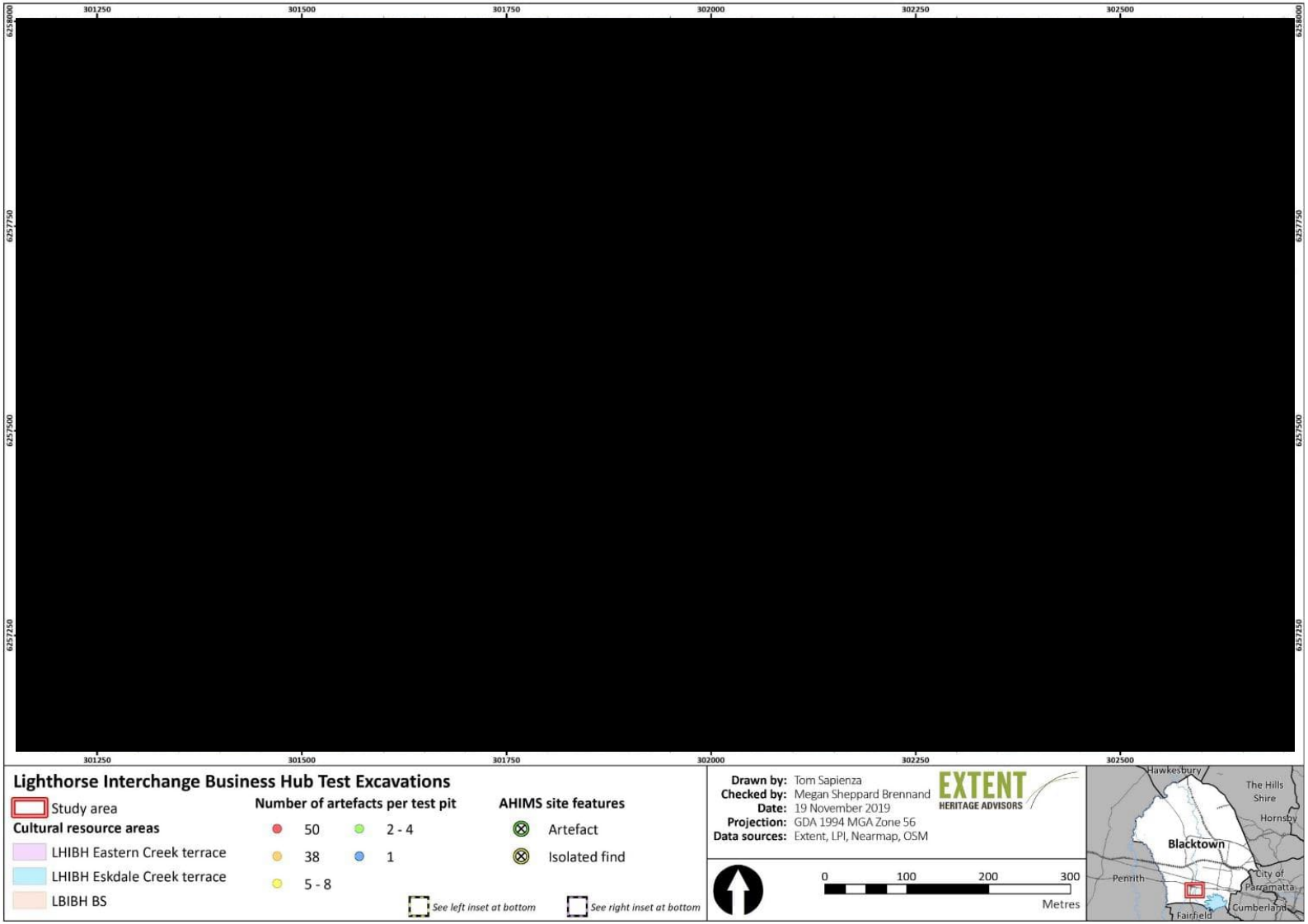


Figure 12: Map of Liverpool-Menangle, dated 1917, showing no historical structures within the proposed work areas



Figure 13: 1942 aerial imagery, showing the Wallgrove Army Camp around ALCA-04 and ALCA-05



Figure 14: 1965 aerial imagery, showing the Wallgrove Migrant Hostel around ALCA-04 and ALCA-05

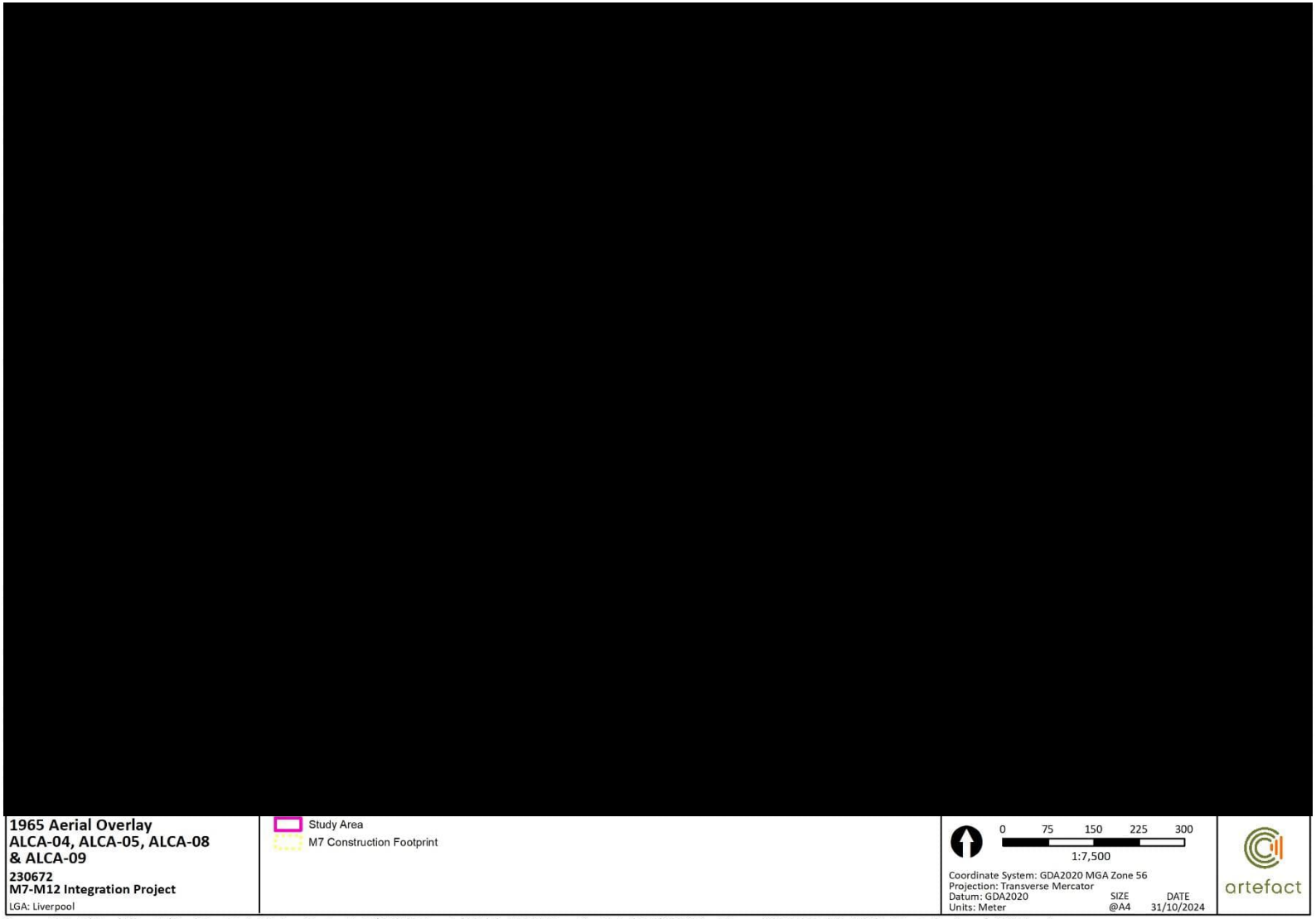


Figure 15: 2004 aerial imagery, showing evidence of ground disturbance associated with works on the Westlink M7



2.4 ALCA 08 and ALCA-09

2.4.1 Aboriginal archaeology

ALCA-08 is located approximately 75m north of Reedy Creek and 80m south of Eskdale Creek, and ALCA-09 is located approximately 125m north of Reedy Creek and 110m south of Eskdale Creek (Figure 16). Both areas are located on the lower slopes of a valley that descends eastward. A ridgeline is located to the south, west and east. ALCA-08 is located within the South Creek soil landscape and ALCA-09 is located within the Blacktown soil landscape. Aboriginal objects and sites are more frequently located along creek lines and waterways, therefore both ALCA-08 and ALCA-09 are located within landscape features that indicate potential for Aboriginal objects to be present. However, Reedy Creek and Eskdale Creek are both 2nd order streams, and it has been noted that for 2nd order streams the archaeological potential is typically highest within 50m of the water and declines with increasing distance.

A review of the M7 Widening ASR and AHIMS database has not identified any known AHIMS registered sites within ALCA-08 and ALCA-09. There are three AHIMS registered sites within 100m of ALCA-08 and ALCA-09 (AHIMS ID 45-5-2797, AHIMS ID 45-5-2974 and 45-5-4284), however, the M7 Widening ASR determined that all three had been destroyed from the construction of the Westlink M7.[9] As a result, there would be no impacts to known AHIMS sites. Furthermore, a review of historical aerial imagery indicates that the locations of ALCA-08 and ALCA-09 have also been subject to ground disturbance as part of the previous roadworks (Figure 15).

Overall, despite the nearby AHIMS sites and identified landscape features, considering the high levels of previous ground disturbance ALCA-08 and ALCA-09 are considered to have low Aboriginal archaeological potential. Therefore, it is expected that the proposed works at ALCA-08 and ALCA-09 would cause no harm to Aboriginal objects.

2.4.2 Built heritage

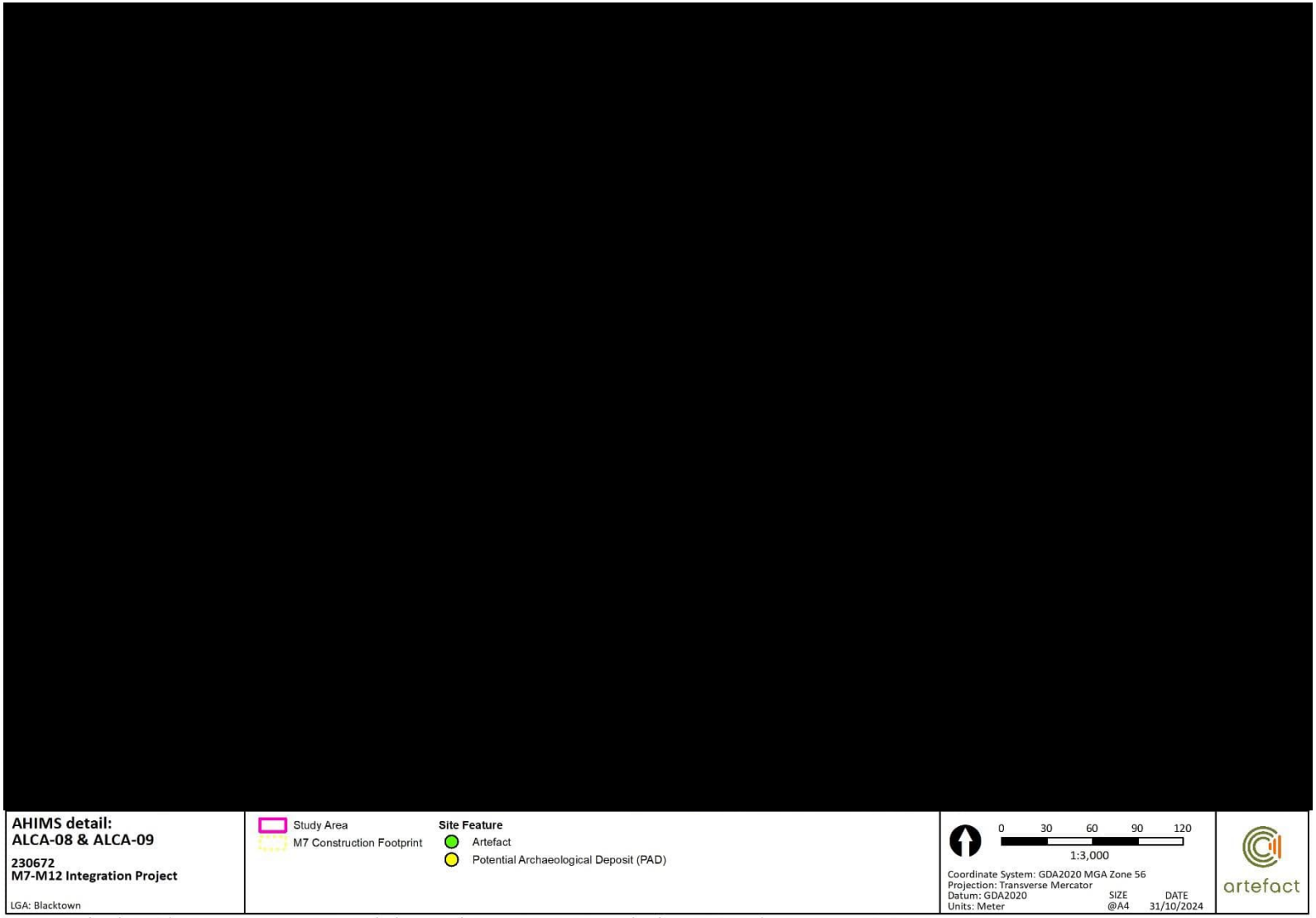
A review of the M7 Widening HIA and a search of relevant heritage registers has not identified any listed heritage items within 200m of ALCA-08 and ALCA-09. As a result, it is assessed that the proposed works would not cause any physical or visual impacts to built heritage items.

2.4.3 Non-Aboriginal archaeology

A review of the M7 Widening HIA has not identified any areas of non-Aboriginal archaeological potential within ALCA-08 and ALCA-09. A review of historical maps and aerial photographs has not identified any substantial historical development that would reach the threshold of local significance (Figure 12), with former structures limited to a rural residence and associated outbuildings from the mid-twentieth century in ALCA-09 (Figure 14). Furthermore, ALCA-08 and ALCA-09 have been subject to previous ground disturbance. As a result, it is assessed that there is generally little to no potential for significant non-Aboriginal archaeological remains to be present, and it is not expected that the proposed works would cause any impacts to significant archaeological remains.

[9] AECOM, 2022a: 57.

Figure 16: AHIMS detail of ALCA-08 and ALCA-09



2.5 ALCA-10

2.5.1 Aboriginal archaeology

ALCA-10 is located approximately 66m east of a tributary of Hinchinbrook Creek (Figure 17). ALCA-10 is located on the mid slopes of a ridgeline spur to the north, descending southeast. ALCA-10 is located within the Luddenham soil landscape. Due to the nearby water course, ALCA-10 is located on a landscape feature that indicates potential for Aboriginal objects to be present. However, it is noted that the tributary is only a 1st order stream. 1st order streams have lower potential to contain Aboriginal objects proximity compared to higher order streams, and therefore this area is not considered likely to contain Aboriginal objects.[10]

A review of the M7 Widening ASR and AHIMS database has not identified any known AHIMS registered sites within or in 200m of areas ALCA-10. The closest AHIMS registered site, AHIMS ID 45-5-2722, is located approximately 270m south of ALCA-10. As a result, there would be no impacts to known AHIMS sites. Furthermore, a review of historical aerial imagery indicates that the location of ALCA-10 has been subject to ground disturbance as part of previous roadworks including the original construction of the Westlink M7 (Figure 19).

Overall, considering the level of previous ground disturbance and lack of registered AHIMS sites, ALCA-10 is considered to have low Aboriginal archaeological potential. Therefore, it is expected that the proposed works at ALCA-10 would cause no harm to Aboriginal objects.

2.5.2 Built heritage

A review of the M7 Widening HIA and a search of relevant heritage registers has not identified any listed heritage items within 200m of ALCA-10. As a result, it is assessed that the proposed works would not cause any physical or visual impacts to built heritage items.

2.5.3 Non-Aboriginal archaeology

A review of the M7 Widening HIA has not identified any areas of non-Aboriginal archaeological potential within ALCA-10. Furthermore, a review of historical maps and aerial photographs has not identified any substantial historical development that would reach threshold of local significance (Figure 18). ALCA 10 has also been subject to previous disturbance (Figure 19). As a result, it is assessed that there is generally little to no potential for significant non-Aboriginal archaeological remains to be present, and it is not expected that the proposed works would cause any impacts to significant archaeological remains.

[10] White, B. and J. McDonald, 2010., pp. 29-38.

Figure 17: AHIMS detail of ALCA-10



Figure 18: 1947 aerial imagery, with no evidence of historical development in the vicinity of ALCA-10, ALCA-11 and ALCA 12



Figure 19: 2004 aerial imagery, showing evidence of ground disturbance associated with works on the Westlink M7



2.6 ALCA-11 and ALCA-12

2.6.1 Aboriginal archaeology

Hinchinbrook Creek crosses west to east through the southern portion of ALCA-11 and is located 35m north of ALCA-12. Both areas are located on the same mid-lower slopes of the ridgeline spur to the north, and are located within the Luddenham soil landscape. Due to the nearby water course, ALCA-11 and ALCA-12 are located on a landscape feature that indicates potential for Aboriginal objects to be present.

A review of the M7 Widening ASR and AHIMS database has identified one AHIMS registered site within ALCA-11 and one site within ALCA-12 (Figure 20 and Figure 21). AHIMS ID 45-5-2723 (PAD-OS-5) is located at the at the southern end of ALCA-11 and consists of an open artefact site. Previous archaeological testing of the site in 2002 as part of the original Westlink M7 construction recovered 140 Aboriginal objects. AHIMS ID 45-5-2793 (PAD-OS-4) is located at the northern end of ALCA-12 and comprises an artefact site. The M7 Widening ASR identified that both AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793 were subject to archaeological salvage excavation and consent to destroy parts of the sites for the Westlink M7 construction.[11] As a result, although the sites are still categorised as valid in the AHIMS database, the report determined that they have been partially destroyed including the sections that were assessed as part of Modification 6 Widening. Therefore, it was concluded that the M7 Widening modification would not impact the sites. It is noted though that the portions of the sites outside of the widening modification footprint, including the locations of ALCA-11 and ALCA-12, were identified in the M7 Widening ASR as remaining extant.[12] As a result, there is still Aboriginal archaeological potential associated with AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793.

A review of historical aerial imagery however indicates that the locations of ALCA-11 and ALCA-12 have been subject to at least surface disturbance associated with earlier roadworks and the establishment of the existing SUP that is present (Figure 19). This has likely removed the potential for any surface or shallow Aboriginal objects within ALCA-11 and ALCA-12. This is supported by the results of a site inspection of AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793 within ALCA-11 and ALCA-12 undertaken on 31 January 2024 by Artefact, which did not identify the presence of any Aboriginal objects on the surface (Figure 22). Furthermore, the proposed works in ALCA-11 and ALCA-12 would be limited to use of the existing SUP for access or rectification works that would be limited to the footpath and replacement of concrete. These activities would be limited to the existing disturbed footprint of the SUP and road corridor and would not require new ground disturbance. As a result, it is not expected that these surface works would impact any potential subsurface objects that may survive below the extent of previous ground disturbance, and therefore, there would be no impact to AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793.

Historical aerial imagery indicates that the remaining areas of ALCA-11 and ALCA-12 have also been subject to previous ground disturbance. In addition, the next closest AHIMS registered sites, AHIMS ID 45-5-2722 and AHIMS ID 45-5-2748, are located about 65m and 110m respectively from ALCA-11 and ALCA-12. Therefore, the remainder of ALCA-11 and ALCA-12 is considered to have low Aboriginal archaeological potential and there would be no impacts to known AHIMS sites.

Overall, considering the level of previous ground disturbance, it is expected that the proposed works at ALCA-11 and ALCA-12 would cause no harm to Aboriginal objects if protective measures outlined in the CCHMP are implemented for AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793.

[11] AECOM, 2022a: 18.
[12] AECOM, 2022a: 65, Figure 5-7.

Figure 20: AHIMS detail of ALCA-11 and ALCA-12



Figure 21: Location of AHIMS ID 45-5-2793 (PAD-OS-4) and AHIMS ID 45-5-2723 (PAD-OS-5) in relation to ALCA-11 and ALCA-12



Figure 22: Site inspection of AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793 in ALCA-11 and ALCA-12, view north adjacent to the existing SUP



2.6.2 Built heritage

A review of the M7 Widening HIA and a search of relevant heritage registers has not identified any listed heritage items within 200m of ALCA-11 and ALCA-12. As a result, it is assessed that the proposed works would not cause any physical or visual impacts to built heritage items.

2.6.3 Non-Aboriginal archaeology

A review of the M7 Widening HIA has not identified any areas of non-Aboriginal archaeological potential within ALCA-11 or ALCA-12. Furthermore, a review of historical maps and aerial photographs has not identified any substantial historical development that would reach threshold of local significance (Figure 18), and ALCA 11 and ALCA-12 have been subject to previous disturbance (Figure 19). As a result, it is assessed that there is generally little to no potential for significant non-Aboriginal archaeological remains to be present, and it is not expected that the proposed works would cause any impacts to significant archaeological remains.

2.7 ALCA-15

2.7.1 Aboriginal archaeology

ALCA-15 is located approximately 110m north of Douglass Creek within the lower slopes of a ridgeline to the west (Figure 23). ALCA-15 is located within the Blacktown soil landscape. Due to the nearby water course, ALCA-15 is located on a landscape feature that indicates potential for Aboriginal objects to be present. However, Douglass Creek is a 2nd order stream and ALCA-15 is located more than 50m from the creek where the archaeological potential is typically highest.[13]

A review of the M7 Widening ASR and AHIMS database has not identified any known AHIMS registered sites within ALCA-15. One AHIMS registered site is located within 200m of ALCA-15, AHIMS ID 45-5-3080, which is located about 115m to the south-east. AHIMS ID 45-5-3080 was recorded as an isolated artefact, however, this site has since been destroyed. As a result, there would be no impacts to known AHIMS sites. Furthermore, a review of historical aerial imagery indicates that the location of ALCA-15 has been subject to ground disturbance as part of construction and landscaping works associated with the Middleton Grange residential development at 51-53 Hemsworth Avenue, Middleton Granges (Figure 23).

Overall, despite the identified landscape feature, considering the level of previous ground disturbance and lack of registered AHIMS sites, ALCA-15 is considered to have low Aboriginal archaeological potential. Therefore, it is expected that the proposed works at ALCA-15 would cause no harm to Aboriginal objects.

2.7.2 Built heritage

A review of the M7 Widening HIA and a search of relevant heritage registers has not identified any listed heritage items within 200m of ALCA-15. As a result, it is assessed that the proposed works would not cause any physical or visual impacts to built heritage items.

2.7.3 Non-Aboriginal archaeology

A review of the M7 Widening HIA has not identified any areas of non-Aboriginal archaeological potential within ALCA-15. Furthermore, a review of historical maps and aerial photographs has not identified any substantial historical development that would reach threshold of local significance, and the majority of the ALCA-15 study area has been subject to previous disturbance. As a result, it is assessed that there is generally little to no potential for significant non-Aboriginal archaeological remains to be present, and it is not expected that the proposed works would cause any impacts to significant archaeological remains.

[13] White, B. and J. McDonald, 2010: 29-38.

Figure 23: AHIMS detail of ALCA-15



2.8 ALCA-19

2.8.1 Aboriginal archaeology

ALCA-19 is located approximately 20m north of a tributary of Maxwell Creek, a 1st order stream, and about 130m east of Maxwell Creek itself, a 2nd order stream (Figure 26). ALCA-19 is located within the lower slopes of a ridgeline spur to the south and west and is located within the Blacktown soil landscape. Due to the nearby water course, ALCA-15 is located on a landscape feature that indicates potential for Aboriginal objects to be present. However, it is noted that as the tributary is a 1st order stream it is not likely to contain Aboriginal objects, and the archaeological potential for 2nd order streams is highest within 50m of the water and declines with increasing distance.[14]

A review of the M7 Widening ASR and AHIMS database has not identified any known AHIMS registered sites within ALCA-19. A total of six AHIMS registered sites are located within 200m of ALCA-19, although only one, AHIMS ID 45-5-2761, is located within 100m. AHIMS ID 45-5-2761 is located approximately 68m west of ALCA-19 and comprises an artefact scatter. The site is categorised as valid, however, the M7 Widening ASR identified that the site has been destroyed.[15] As a result, there would be no impacts to known AHIMS sites. Furthermore, a review of historical aerial imagery indicates that the location of ALCA-19 has been subject to ground disturbance as part of the ongoing development of residential properties (Figure 26).

Overall, despite the identified landscape feature, considering the level of previous ground disturbance and lack of registered AHIMS sites, ALCA-19 is considered to have low Aboriginal archaeological potential. Therefore, it is expected that the proposed works at ALCA-19 would cause no harm to Aboriginal objects.

2.8.2 Built heritage

A review of the M7 Widening HIA and a search of relevant heritage registers has not identified any listed heritage items within 200m of ALCA-19. As a result, it is assessed that the proposed works would not cause any physical or visual impacts to built heritage items.

2.8.3 Non-Aboriginal heritage

A review of the M7 Widening HIA has not identified any areas of non-Aboriginal archaeological potential within the immediate vicinity of the proposed works. Furthermore, a review of historical maps and aerial photographs has not identified any substantial historical development that would likely reach threshold of local significance. Previous assessments undertaken as part of the residential development of the area identified the presence of a locally significant brick beehive cistern underneath what is now Barcelona Drive at the south end of ALCA-19 (Figure 24).[16] As part of the construction of the road, the dome of the cistern was removed while the remainder of the cistern was backfilled and retained underneath the road (Figure 25). As no excavation works are proposed at the south end of ALCA-19 there would be no impacts to the remains of the cistern. Furthermore, a review of historical maps, aerial photographs and previous assessments has not identified any substantial historical development that would reach threshold of local significance within the remainder of ALCA-19, and the majority of ALCA-19 has been subject to ground disturbance (Figure 26).

As a result, except for the beehive cistern underneath Barcelona Drive that would not be impacted, it is assessed that there is generally little to no potential for significant non-Aboriginal archaeological

[14] White, B. and J. McDonald, 2010: 29-38.
[15] AECOM, 2022a: 57.
[16] Artefact, 2021. 30 Skipton Lane Prestons: Photographic Archival Recording. Report to FirStyle Homes.

remains to be present within ALCA-19. Therefore, it is not expected that the proposed works would cause any impacts to significant archaeological remains.

Figure 24: South-west view of the beehive cistern prior to the construction of Barcelona Drive in ALCA-19, looking towards Westlink M7 (Source: Artefact, 2021)



Figure 25: View of the cistern following the removal of the dome (Source: Artefact, 2021)



Figure 26: AHIMS detail of ALCA-19



2.9 ALCA-20

2.9.1 Aboriginal archaeology

ALCA-20 is located approximately 80m north of a tributary of Hinchinbrook Creek, a 1st order stream, and about 560m west of Hinchinbrook Creek itself (Figure 27). ALCA-20 is located within the lower slopes of a valley with a ridgeline to the west and north and is located within the South Creek soil landscape. Due to the nearby water course, ALCA-15 is located on a landscape feature that indicates potential for Aboriginal objects to be present. However, it is noted that as the tributary is a 1st order stream it is not likely to contain Aboriginal objects.[17]

A review of the M7 Widening ASR and AHIMS database has not identified any known AHIMS registered sites within ALCA-20. One AHIMS registered site (AHISM ID 45-5-0786) is located approximately 150m southwest of ALCA-20 and comprises an artefact scatter (Figure 27). The extent of the scatter measures 40 x 20m in a larger exposure measuring 200 x 3-5m along an eroded bank of the creek tributary. No number of artefacts were given; however, the scatter was described as sparse and likely deposited from erosion and sheet wash with low potential for subsurface deposits. This site is currently valid within the AHIMS database, however, the M7 Widening ASR identified that the site has been destroyed.[18] Furthermore, a review of historical aerial imagery indicates that the location of ALCA-20 has been subject to ground disturbance as part of the residential subdivision and development of Elizabeth Hills (Figure 26).

Overall, despite the identified landscape feature, considering the level of previous ground disturbance and lack of registered AHIMS sites, ALCA-20 is considered to have low Aboriginal archaeological potential. Therefore, it is expected that the proposed works at ALCA-20 would cause no harm to Aboriginal objects.

2.9.2 Built heritage

A review of the M7 Widening HIA and a search of relevant heritage registers has not identified any listed heritage items within 200 m of ALCA-20. As a result, it is assessed that the proposed works would not cause any physical or visual impacts to built heritage items.

2.9.3 Non-Aboriginal heritage

A review of the M7 Widening HIA has not identified any areas of non-Aboriginal archaeological potential within or in the vicinity of the proposed works. Furthermore, a review of historical maps and aerial photographs has not identified any substantial historical development that would reach the threshold of local significance (Figure 28 to Figure 31). As a result, it is assessed that there is generally little to no potential for significant non-Aboriginal archaeological remains to be present, and it is not expected that the proposed works would cause any impacts to significant archaeological remains.

[17] White, B. and J. McDonald, 2010: 29-38.
[18] AECOM, 2022a: 56.

Figure 27: Location of ALCA-20



Figure 28: Parish of Cabramatta dated to 1940 showing no development within or proximity to ALCA-20[19]



[19] New South Wales. Department of Lands. 1940, Parish of Cabramatta, County of Cumberland Land Districts of Parramatta & Penrith, Nepean Shire & Municipality of Fairfield, Eastern Division N.S.W Dept. of Lands, Sydney viewed 1 November 2024 http://nla.gov.au/nla.obj-233836720

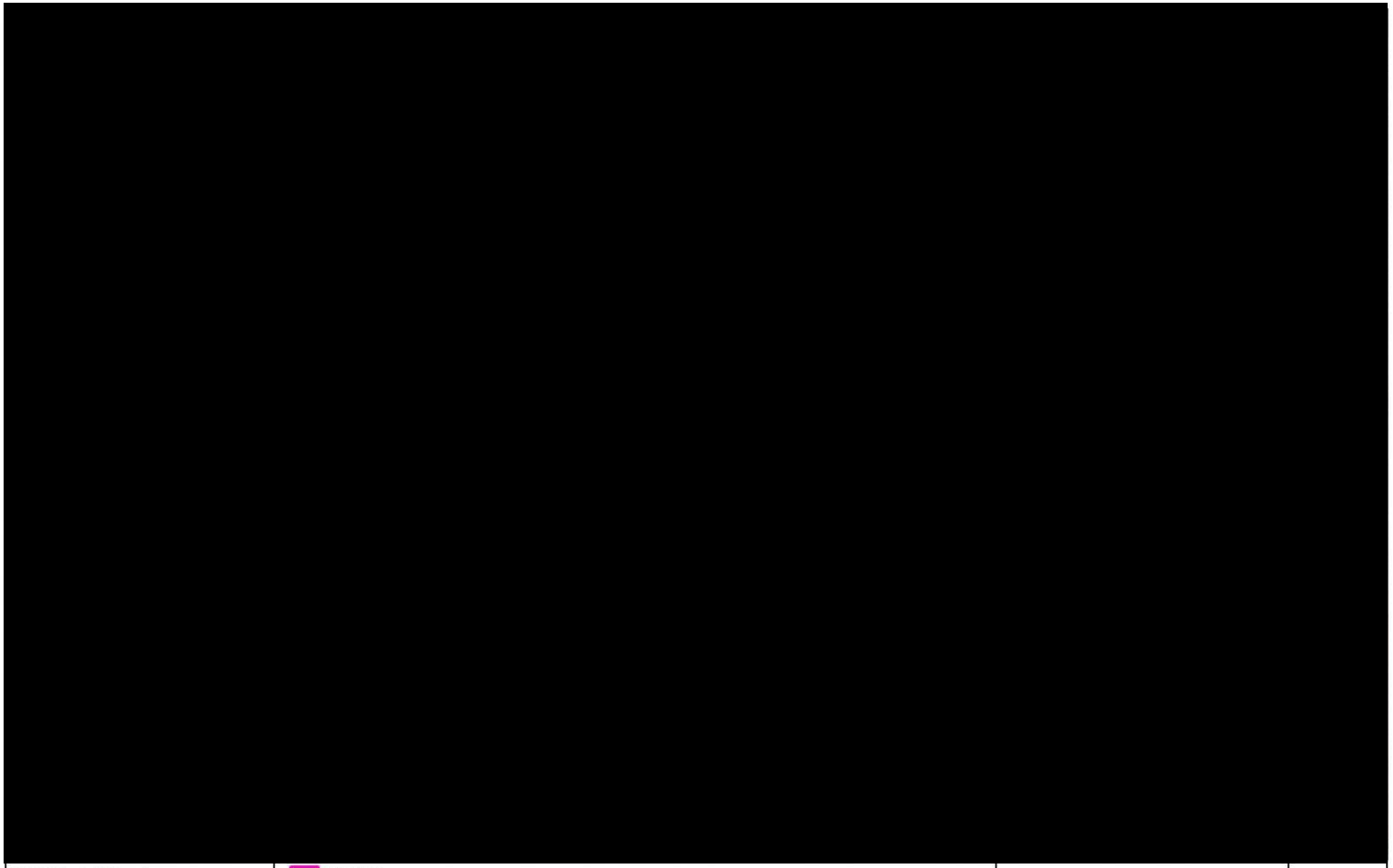
Figure 29: Historical arial photograph from 1977 of ALCA-20



Figure 30: 2004 aerial imagery, showing ground disturbance from previous Westlink M7 works adjacent to ALCA-20



Figure 31: 2011 aerial imagery, showing ground disturbance from developments at ALCA-20



3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

This consistency assessment has made the following conclusions in relation to the proposed construction footprint changes.

Aboriginal archaeology

- ALCA-04 is located adjacent to AHIMS ID 45-5-5285 (LBIBH BS)
- AHIMS ID 45-5-5285 has been assessed as having low Aboriginal archaeological potential and the nearby works would be minor in nature, therefore it is not expected that the AHIMS registered site would be impacted
- ALCA-11 is located within the extent of AHIMS ID 45-5-2723 (PAD-OS-5) and ALCA-12 is located within the extent of AHIMS ID 45-5-2793 (PAD-OS-4)
- Works within ALCA-11 and ALCA-12 in the vicinity of AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793 would be limited to surface works around the existing SUP, therefore it is not expected that the AHIMS registered sites would be impacted
- Due to the level of previous ground disturbance, the remaining proposed work areas have been assessed as having low Aboriginal archaeological potential
- Overall, it is expected that the works associated with the proposed construction footprint changes would not result in any harm to AHIMS registered sites or Aboriginal objects
- These findings are consistent with the existing M7 Widening Environmental Assessment Documentation and project approvals
- It is assessed that the existing management measures and management plans will be effective at mitigating potential impacts to Aboriginal archaeological heritage.

Built heritage

- No listed heritage items have been identified within or in the vicinity of the proposed construction footprint changes. As a result, there would be no physical or visual impacts to listed heritage items
- These findings are consistent with the existing M7 Widening Environmental Assessment Documentation and project approvals
- It is assessed that the existing management measures and management plans will be effective at mitigating potential impacts to built heritage.

Non-Aboriginal archaeology

- The remains of a locally significant brick beehive cistern are located underneath Barcelona Drive at the south end of ALCA-19. However, there would be no impacts to the remnant structure
- No previously identified or new areas of non-Aboriginal archaeological potential have been identified within the remaining proposed work areas

- Overall, it is expected that the works associated with the proposed construction footprint changes would not result in any non-Aboriginal archaeological impacts
- These findings are consistent with the existing M7 Widening Environmental Assessment Documentation and project approvals
- It is assessed that the existing management measures and management plans will be effective at mitigating potential impacts to non-Aboriginal archaeological heritage.

3.2 Recommendations

This report makes the following heritage recommendations:

Aboriginal archaeology

- The locations of AHIMS ID 45-5-5285 (LBIBH BS), AHIMS ID 45-5-2723 (PAD-OS-5) and AHIMS ID 45-5-2793 (PAD-OS-4) must be included on the Sensitive Area Plans for the project and made available to site contractors, along with a toolbox talk, to inform them of the location and heritage requirements
- When undertaking works within ALCA-11 and ALCA-12 near AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793, where feasible access must be limited to the existing SUP
- The remaining portions of AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793 must be actively protected from the works. This should include signage and temporary fencing/barriers where appropriate
- If works within AHIMS ID 45-5-2723 and AHIMS ID 45-5-2793 would require ground disturbance below the existing levels of modern elements, further assessment and management may be required to ensure that the sites are not harmed
- Where new temporary pavement is installed near AHIMS ID 45-5-5285 the site must be actively protected
- For the remaining areas, the works would be able to proceed under the TFNSW Unexpected Heritage Items Procedure and Human Remains Procedure outlined in the CCHMP.

Non-Aboriginal archaeology

- Works would be able to proceed under the TFNSW Unexpected Heritage Items Procedure and Human Remains Procedure outlined in the CCHMP.
- As there would be no excavation works on Barcelona Road at the south end of ALCA-19, no mitigation or management measures are required in relation to the remnant beehive cistern located underneath the road surface.

4.0 REFERENCES

AECOM, 2022. Appendix I: Aboriginal Cultural Heritage – Stage 2 PACHCI – Archaeological Survey Report. Report to Transport for NSW.

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Appendix C

Noise and Vibration assessment

16 August 2024

2024-08-16_TN188-04 ALCA 04 - ID TN188_1534.docx

John Holland

[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **ALCA 04** (Gatewave ID TN188_1534)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JOHN HOLLANDRP-M7A-EN-PLN-00000_M12East_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

If there are any vibration intensive plant and equipment, the recommended minimum working distances (MWD) are presented in Table 6.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

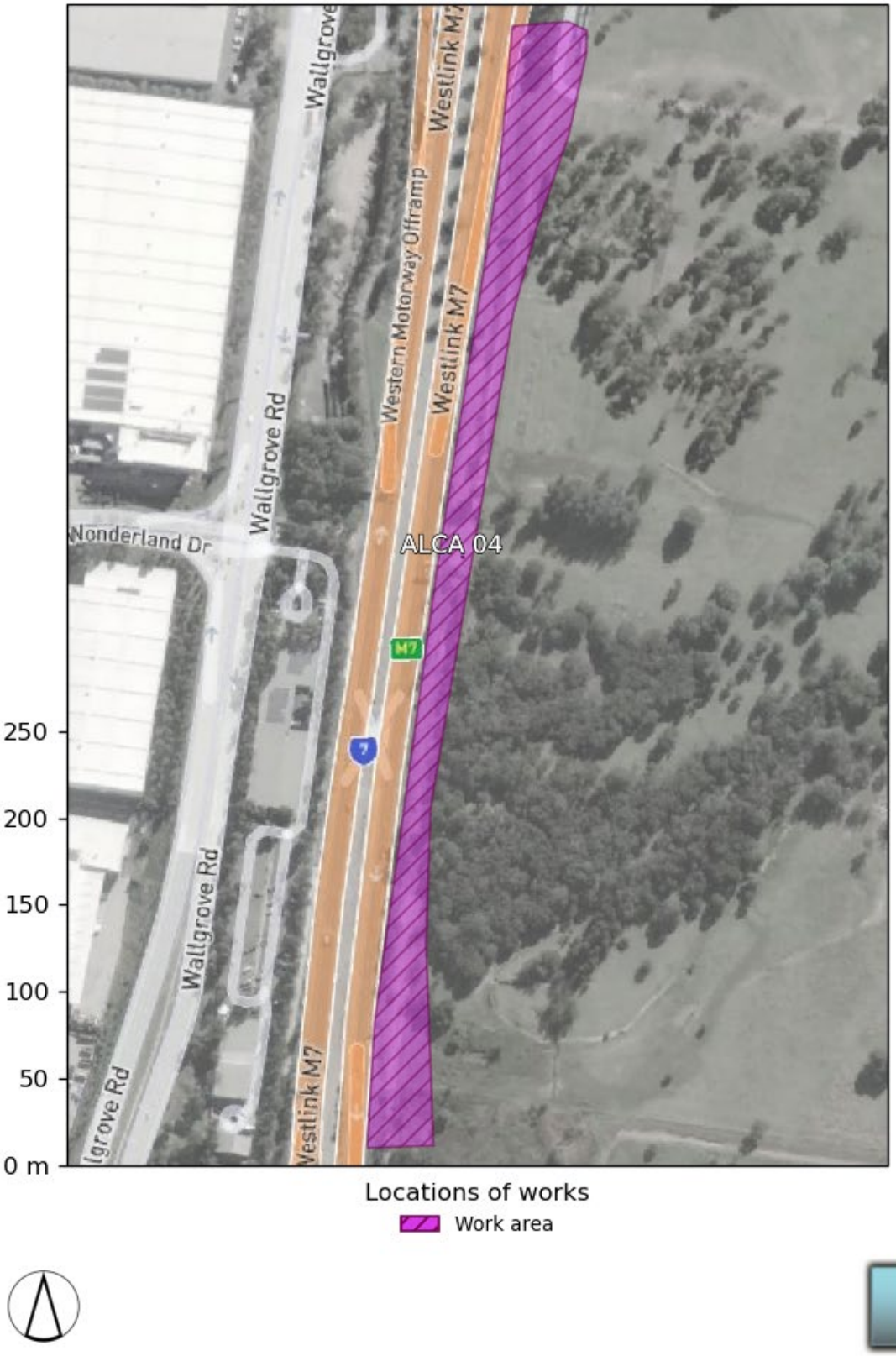
Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
ALCA 04								
40T Franna Crane	1	-	1	1	100	106	-	-
Excavator w bucket (13t)	1	-	1	1	103	108	-	-
Excavator w bucket (25t)	1	-	1	1	103	108	-	-
Bulldozer (D7)	1	-	1	1	112	116	-	-
Bulldozer (D8)	1	-	1	1	113	117	-	-
Tipper	1	-	1	1	103	111	-	-
Truck and Dog	1	-	1	1	106	111	-	-
Concrete Agi	1	-	1	1	108	111	-	-
Trench Roller	1	-	1	1	114	113	**Yes**	-
Skid steer / Bobcat (10T)	1	-	1	1	104	109	-	-
Mulcher	1	-	1	1	125	124	**Yes**	-
Vacuum truck	1	-	1	1	107	111	-	-
Water cart	1	-	1	1	104	107	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in **orange** are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 4. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 9. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
Industrial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Commercial	0 to 10	3	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	3	5 to 15	3
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The recommended MWDs for cosmetic damage and human annoyance are presented in Table 6.

Table 4: Generic minimum working distances for cosmetic damage and human annoyance

Plant item	Reference	Minimum working distance, m			
		Cosmetic damage (screening criteria)		Human comfort (screening limit)	
		Heritage buildings	Non-heritage	Residential[1]	Non-residential[2]
Bulldozer (D7)	Caterpillar specifications	5	5	10	5
Bulldozer (D8)	CAT D8(T) Specsheet	5	5	10	5
Trench Roller		5	5	20	5

Notes:

1. Screening limit for residences, night time
2. Screening limit for offices, schools, educational institutions and places of worship (day or night)

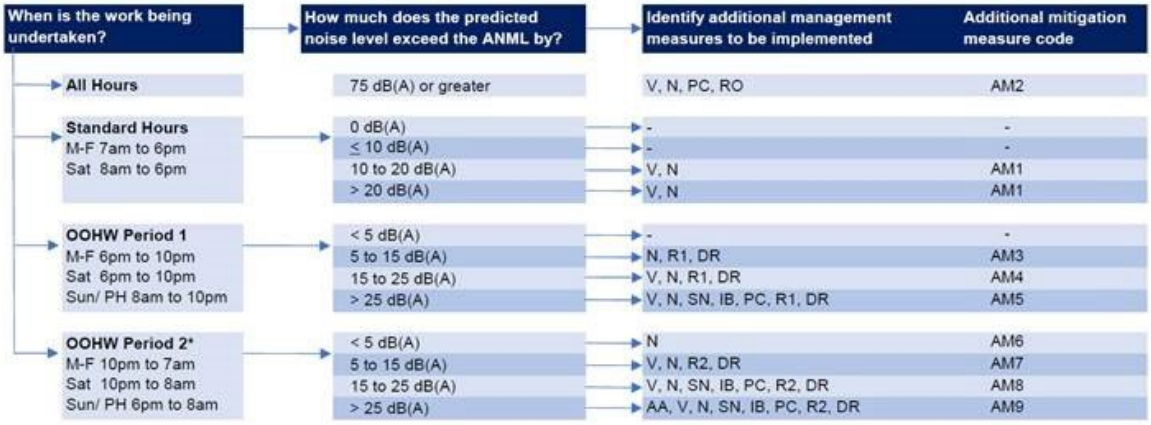
4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures



When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 9 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 5: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
Commercial	101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	80	-	80	80	79
Commercial	101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	78	-	78	78	76
Commercial	101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	77	-	77	77	76

4.3.3 Vibration monitoring

It is noted that the generic MWDs in Table 6 are taken from a database of vibration levels measured at various sites or obtained from other sources (e.g. BS5228-2:2009). They are not specific to these works as final vibration levels are dependent on many factors including the actual plant used, its operation and the intervening geology between the activity and the receiver.

Site specific MWDs for vibration significant plant items must be measured on site where plant and equipment are likely to operate close to or within the generic MWDs for both cosmetic damage and human annoyance. These site specific MWDs will then be included in Gatewave.

If works are likely to be within the generic or site specific MWDs, attended vibration monitoring is to be undertaken to verify that vibration levels comply with the vibration objectives described in the NVMP.

Additional monitoring for human annoyance from vibration would be carried out proactively and in response to vibration complaints.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 2 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

APPENDIX A Summary of works

A.1 Plant and equipment

Table 6: Plant and equipment schedule for work area: ALCA 04

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Drainage works								
40T Franna Crane	-	1	100%	0	100	106	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Excavator w bucket (13t)	-	1	100%	0	103	108	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Excavator w bucket (25t)	-	1	100%	0	103	108	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Bulldozer (D7)	-	1	100%	0	112	116	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Bulldozer (D8)	-	1	100%	0	113	117	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Tipper	-	1	100%	0	103	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Truck and Dog	-	1	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Concrete Agi	-	1	100%	0	108	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Trench Roller	5	1	100%	0	114	113	2024-08-16 07:00:00	2024-08-16 19:00:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
							2024-08-16 19:00:00	2024-08-17 07:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Mulcher	5	1	100%	0	125	124	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Vacuum truck	-	1	100%	0	107	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Water cart	-	1	100%	0	104	107	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00


ALCA 04
A1 : Drainage works
A1: 40T Franna Crane
A1: Excavator w bucket (13t)
A1: Excavator w bucket (25t)
A1: Bulldozer (D7)
A1: Bulldozer (D8)
A1: Tipper
A1: Truck and Dog
A1: Concrete Agi
A1: Trench Roller
High noise impact item
A1: Skid steer / Bobcat (10T)
A1: Mulcher
High noise impact item
A1: Vacuum truck
A1: Water cart
2024-08-16
06:00
12:00
18:00
2024-08-17
06:00
12:00
18:00
2024-08-18

APPENDIX B Detailed construction noise results

Table 7: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	80	-	80	80	79	-	-	AM3	AM7
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	78	-	78	78	76	-	-	AM3	AM7
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	77	-	77	77	76	-	-	AM3	AM7
2 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	74	-	74	74	72	-	-	-	-
5 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	71	-	71	71	70	-	-	-	-
10 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	71	-	71	71	70	-	-	-	-
1 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	70	-	70	70	69	-	-	-	-
3 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	68	-	68	68	67	-	-	-	-
5 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	68	-	68	68	67	-	-	-	-
2 BEACH STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	67	-	67	67	66	-	-	-	-
6 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	66	-	66	66	64	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	64	-	64	64	63	-	-	-	-
4 BEACH STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	63	-	63	63	62	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	63	-	63	63	62	-	-	-	-
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	63	-	63	63	62	-	-	-	-
8 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	62	-	62	62	61	-	-	-	-
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	62	-	62	62	61	-	-	-	-
8 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	60	-	60	60	60	-	-	-	-
2 CAPICURE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	60	-	60	60	59	-	-	-	-
10 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
2 CAPICURE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
10 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
10 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
2 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-
10 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
26 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
2 CAPICURE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
4 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	55	-	55	55	54	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	55	-	55	55	54	-	-	-	-
2 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	55	-	55	55	54	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
60 WALLGROVE ROAD, MINCHINBURY, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
6 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
2 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	52	-	-	-	-
15 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	52	-	52	52	51	-	-	-	-
10 ROUSSELL ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	52	-	52	52	51	-	-	-	-
60 WALLGROVE ROAD, MINCHINBURY, NSW	Industrial	75	75	75	75	None	None	52	-	52	52	51	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	52	-	52	52	51	-	-	-	-
9 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	52	-	52	52	50	-	-	-	-
26 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
13 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	51	-	51	51	50	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
3 SOUTHRIDGE STREET, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	51	-	51	51	50	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	51	-	51	51	50	-	-	-	-
2 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
2, BLUE METAL ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
30 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
30 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	50	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	49	-	-	-	-
5 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	49	-	-	-	-
2, BLUE METAL ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	49	-	-	-	-
50 OLD WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	48	-	-	-	-
2 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	48	-	-	-	-
5 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	48	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	49	-	49	49	48	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	49	-	49	49	48	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	49	-	49	49	48	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	49	-	49	49	48	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	49	-	49	49	48	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	49	-	49	49	48	-	-	-	-

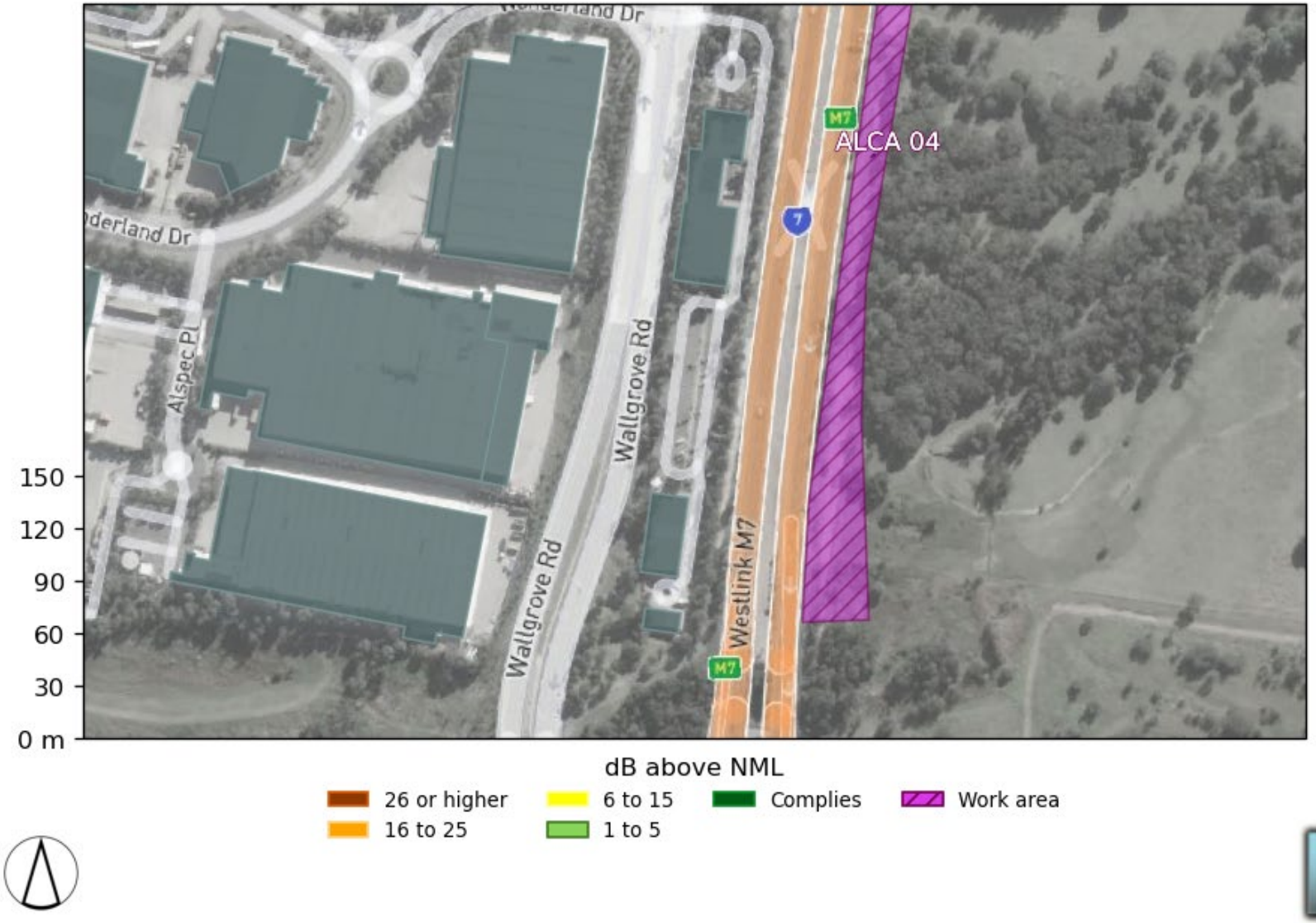
Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
None	Non-receiver	999	999	999	999	None	None	49	-	49	49	48	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	49	-	49	49	48	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	48	-	48	48	48	-	-	-	-
50 OLD WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	48	-	48	48	47	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	47	-	-	-	-
19 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	47	-	47	47	46	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	46	-	46	46	45	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	46	-	46	46	45	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	44	-	44	44	43	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	43	-	43	43	42	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	42	-	42	42	40	-	-	-	-
10 ROUSSELL ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	41	-	41	41	40	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	38	-	38	38	37	-	-	-	-

APPENDIX C Noise level above nominated target

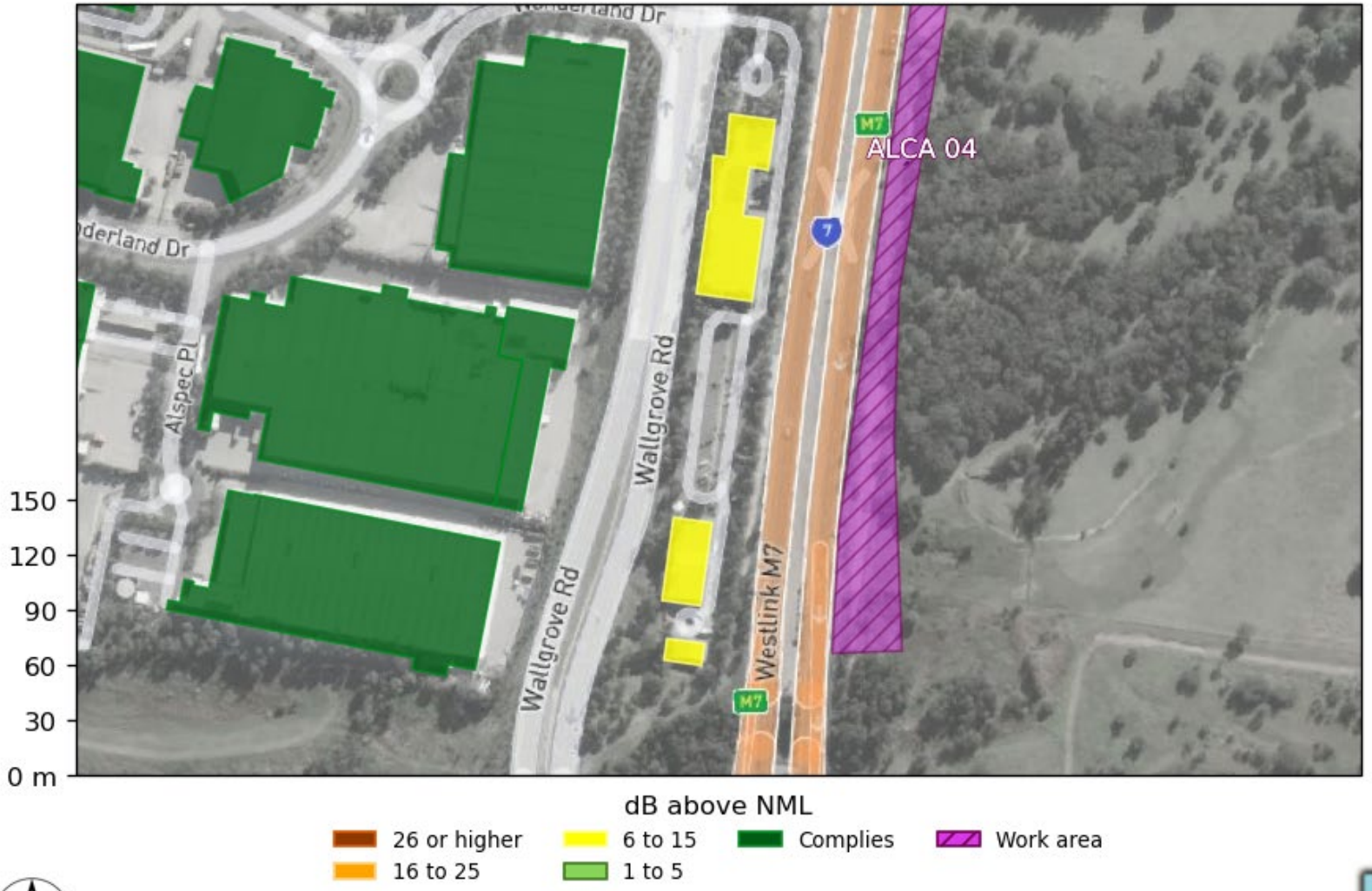
Noise level above NML Day (area 1 of 1)



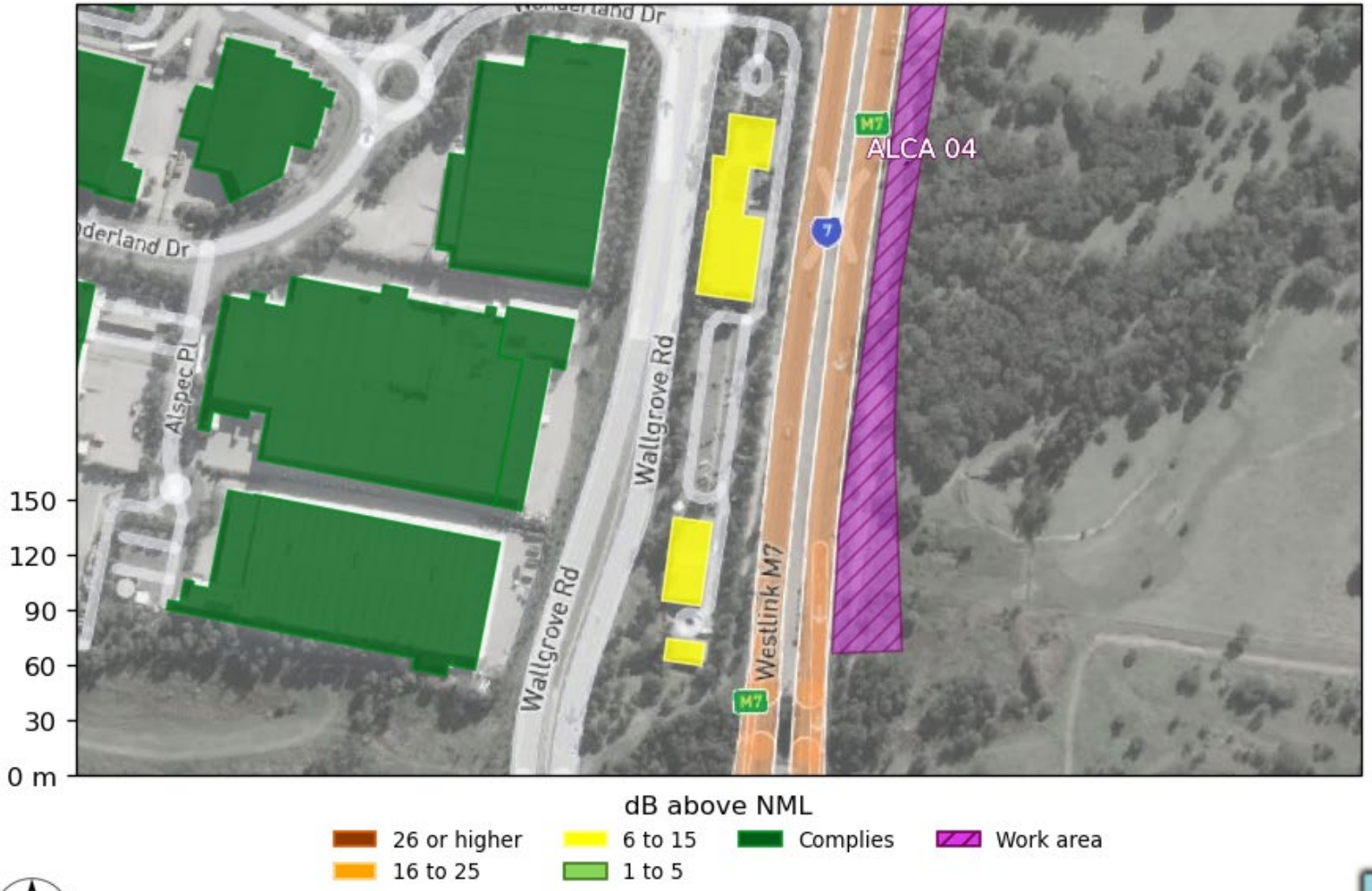
Noise level above NML Day (OOH) (area 1 of 1)



Noise level above NML Evening (area 1 of 1)



Noise level above NML Night (area 1 of 1)



09 August 2024

2024-08-09_TN188-04 M7N CA ALCA 05 - ID TN188_1499.docx

John Holland

[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **M7N CA ALCA 05** (Gatewave ID TN188_1499)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JOHN HOLLANDRP-M7A-EN-PLN-00000_M12East_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

The plant and equipment considered in this scenario are not considered vibration intensive. As a result, minimum working distances (MWDs) for cosmetic damage or human annoyance have not been nominated.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment

period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

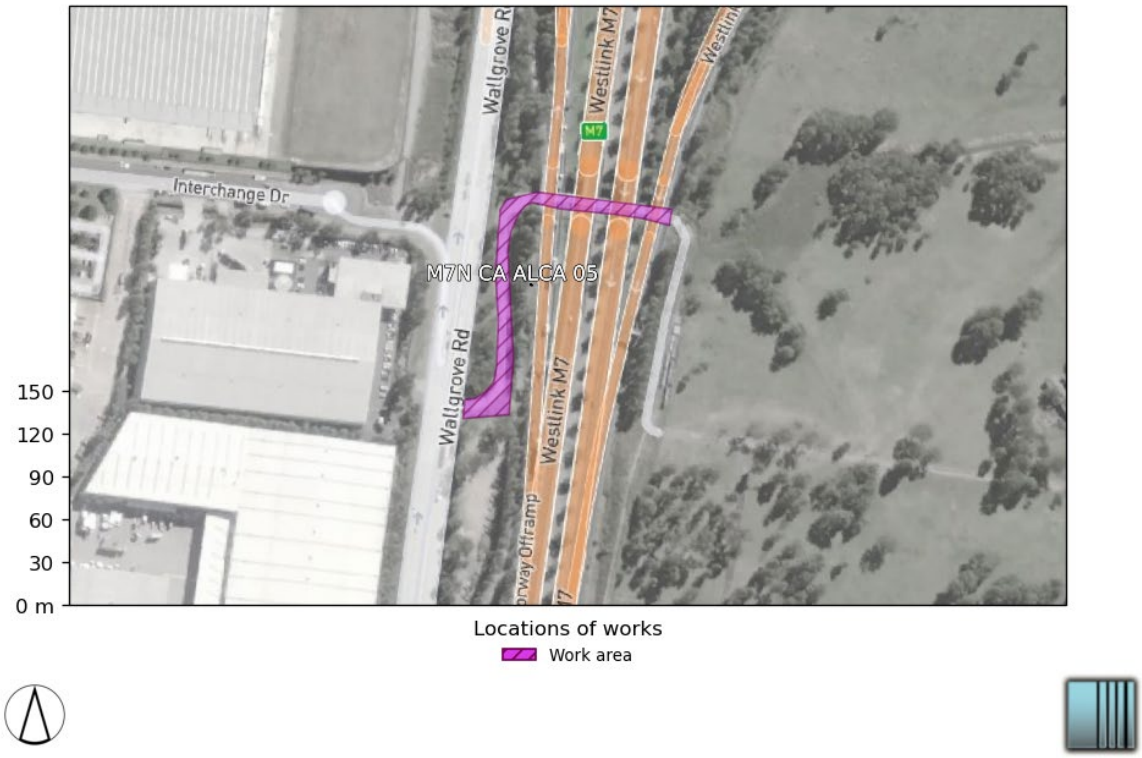
Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
M7N CA ALCA 05								
Delivery truck	1	-	1	1	106	111	-	-
Material delivery truck	1	-	1	1	106	111	-	-
Excavator with bucket (35T)	1	-	1	1	108	112	-	-
Concrete Agi	1	-	1	1	108	111	-	-
Hand tools	1	-	1	1	107	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Tipper	1	-	1	1	103	111	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in **orange** are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 4. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 9. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
Industrial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Commercial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The plant and equipment described in Table 2 are not considered vibration intensive and, as a result, do not have MWDs for cosmetic damage or human annoyance.

4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures

When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst

affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 9 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 4: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night

4.3.3 Vibration monitoring

As the plant and equipment in this scenario are not considered to be vibration intensive, further vibration monitoring is not required.

If attended vibration monitoring is required (for example, in response to vibration-related complaints), monitoring will be undertaken according to the process described in the NVMP.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 2 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

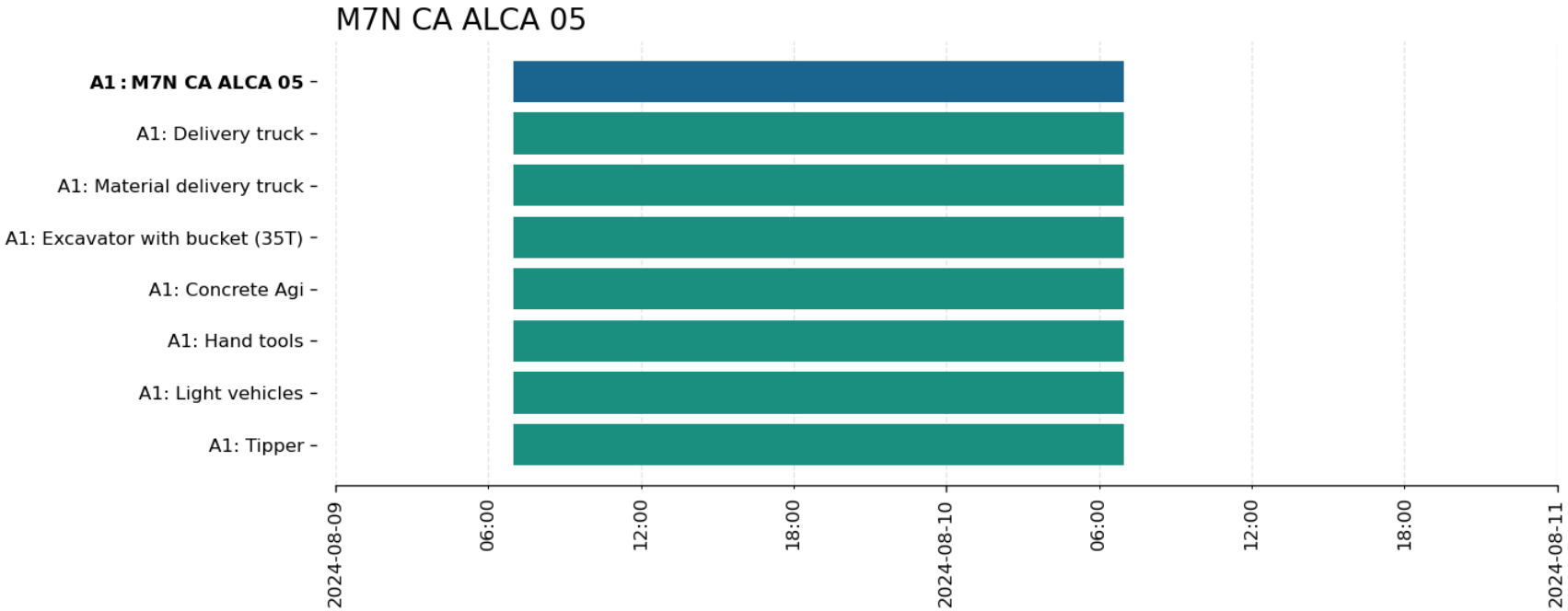
* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

APPENDIX A Summary of works

A.1 Plant and equipment

Table 5: Plant and equipment schedule for work area: M7N CA ALCA 05

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
M7N CA ALCA 05								
Delivery truck	-	1	100%	0	106	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Material delivery truck	-	1	100%	0	106	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Excavator with bucket (35T)	-	1	100%	0	108	112	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Concrete Agi	-	1	100%	0	108	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Hand tools	-	1	100%	0	107	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Tipper	-	1	100%	0	103	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00


M7N CA ALCA 05
A1 : M7N CA ALCA 05
A1: Delivery truck
A1: Material delivery truck
A1: Excavator with bucket (35T)
A1: Concrete Agi
A1: Hand tools
A1: Light vehicles
A1: Tipper
2024-08-09
06:00
12:00
18:00
2024-08-10
06:00
12:00
18:00
2024-08-11

APPENDIX B Detailed construction noise results

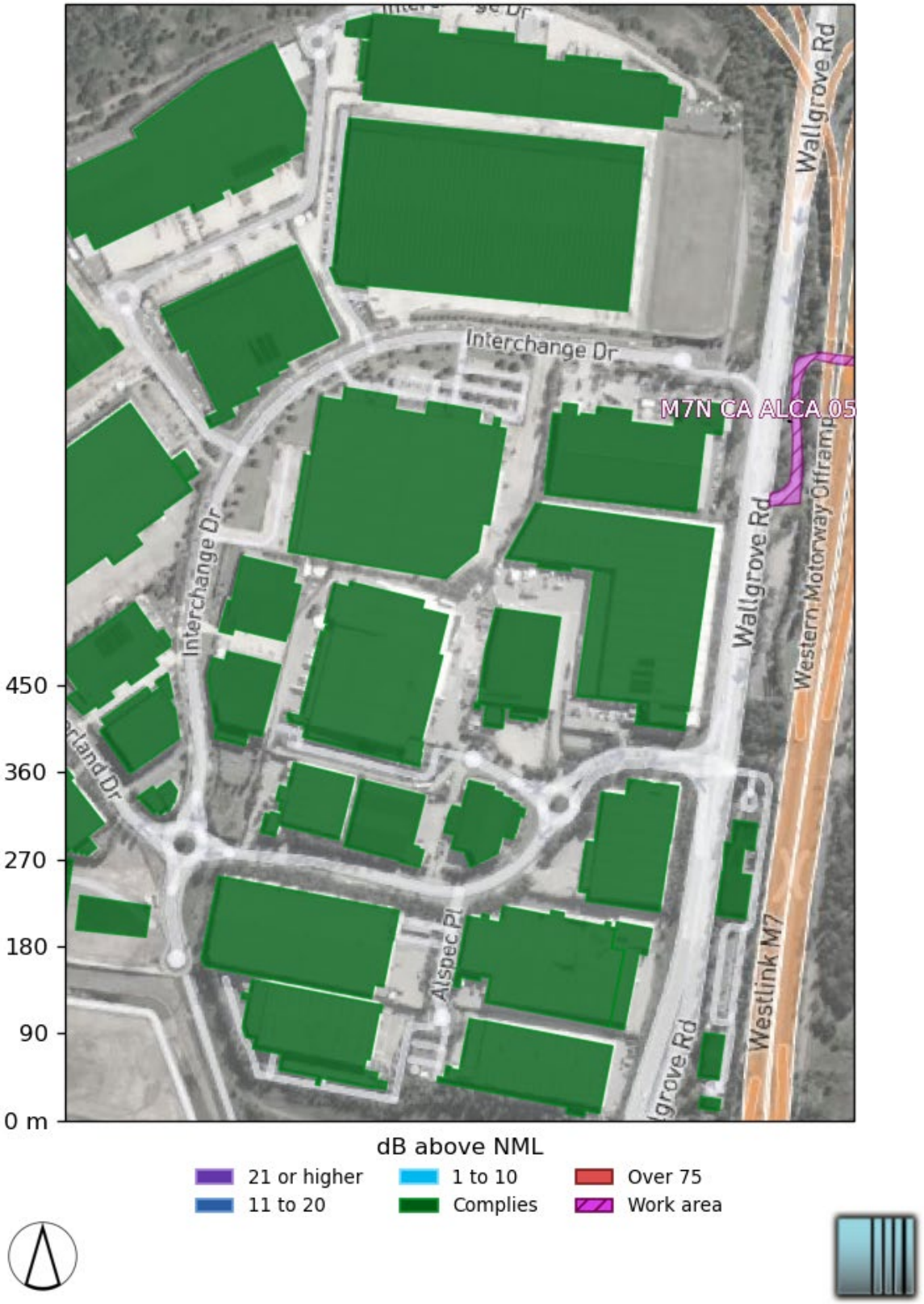
Table 6: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	60	-	60	60	64	-	-	-	-
10 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	60	-	60	60	64	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	52	-	52	52	56	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	51	-	51	51	55	-	-	-	-
8 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	48	-	48	48	52	-	-	-	-
1 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	47	-	47	47	51	-	-	-	-
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	46	-	46	46	50	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	45	-	45	45	49	-	-	-	-
4 BEACH STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	45	-	45	45	49	-	-	-	-
2 BEACH STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	45	-	45	45	49	-	-	-	-
2 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	43	-	43	43	47	-	-	-	-
5 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	43	-	43	43	47	-	-	-	-
60 WALLGROVE ROAD, MINCHINBURY, NSW	Industrial	75	75	75	75	None	None	43	-	43	43	47	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	42	-	42	42	46	-	-	-	-
60 WALLGROVE ROAD, MINCHINBURY, NSW	Industrial	75	75	75	75	None	None	42	-	42	42	46	-	-	-	-
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	41	-	41	41	45	-	-	-	-
8 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	41	-	41	41	45	-	-	-	-
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	40	-	40	40	44	-	-	-	-
2 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	40	-	40	40	44	-	-	-	-
6 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	40	-	40	40	44	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	40	-	40	40	44	-	-	-	-
3 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	40	-	40	40	44	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	40	-	40	40	44	-	-	-	-
10 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	40	-	40	40	44	-	-	-	-
2 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	39	-	39	39	43	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	39	-	39	39	43	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	39	-	39	39	43	-	-	-	-
60 WALLGROVE ROAD, MINCHINBURY, NSW	Industrial	75	75	75	75	None	None	39	-	39	39	43	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	39	-	39	39	43	-	-	-	-
15 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	39	-	39	39	43	-	-	-	-
5 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	38	-	38	38	42	-	-	-	-
2, BLUE METAL ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	38	-	38	38	42	-	-	-	-
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	37	-	37	37	41	-	-	-	-
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	37	-	37	37	41	-	-	-	-
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	36	-	36	36	40	-	-	-	-
60 WALLGROVE ROAD, MINCHINBURY, NSW	Industrial	75	75	75	75	None	None	36	-	36	36	40	-	-	-	-
9, INTERCHANGE DRIVE, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	36	-	36	36	40	-	-	-	-
4 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	35	-	35	35	39	-	-	-	-

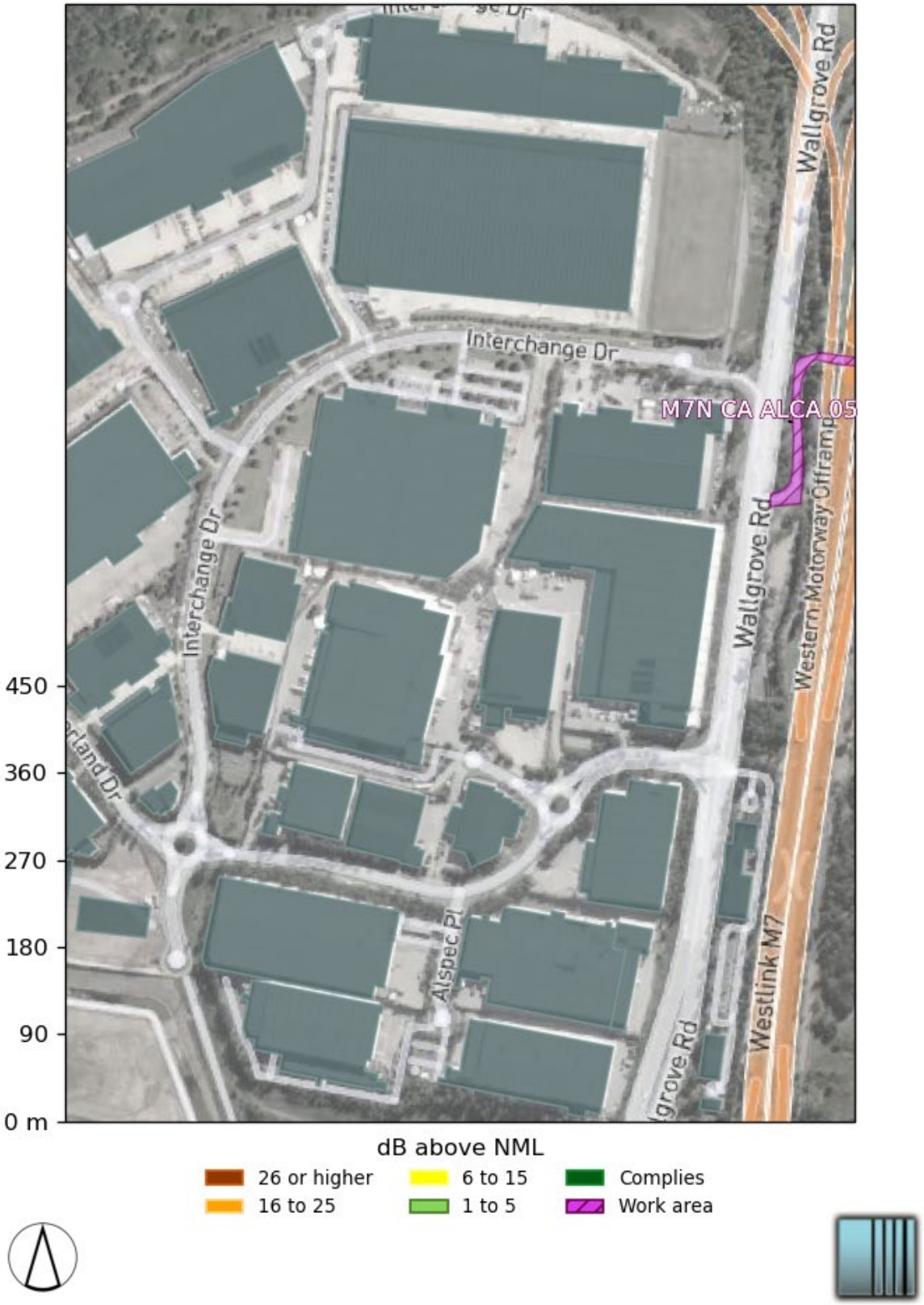
Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2, BLUE METAL ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	32	-	32	32	36	-	-	-	-
19 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	32	-	32	32	36	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	30	-	30	30	34	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	29	-	29	29	33	-	-	-	-

APPENDIX C Noise level above nominated target

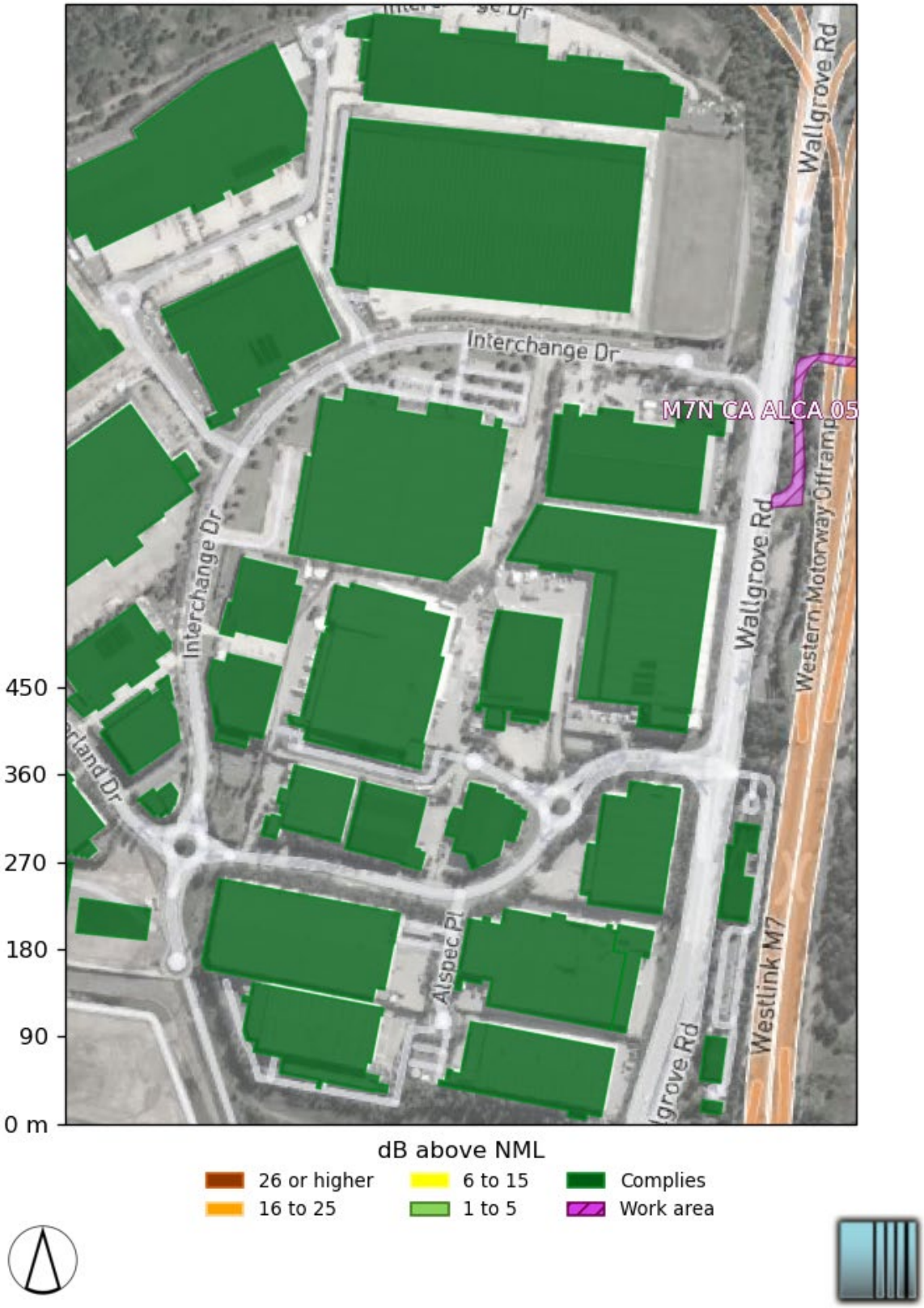
Noise level above NML Day (area 1 of 1)



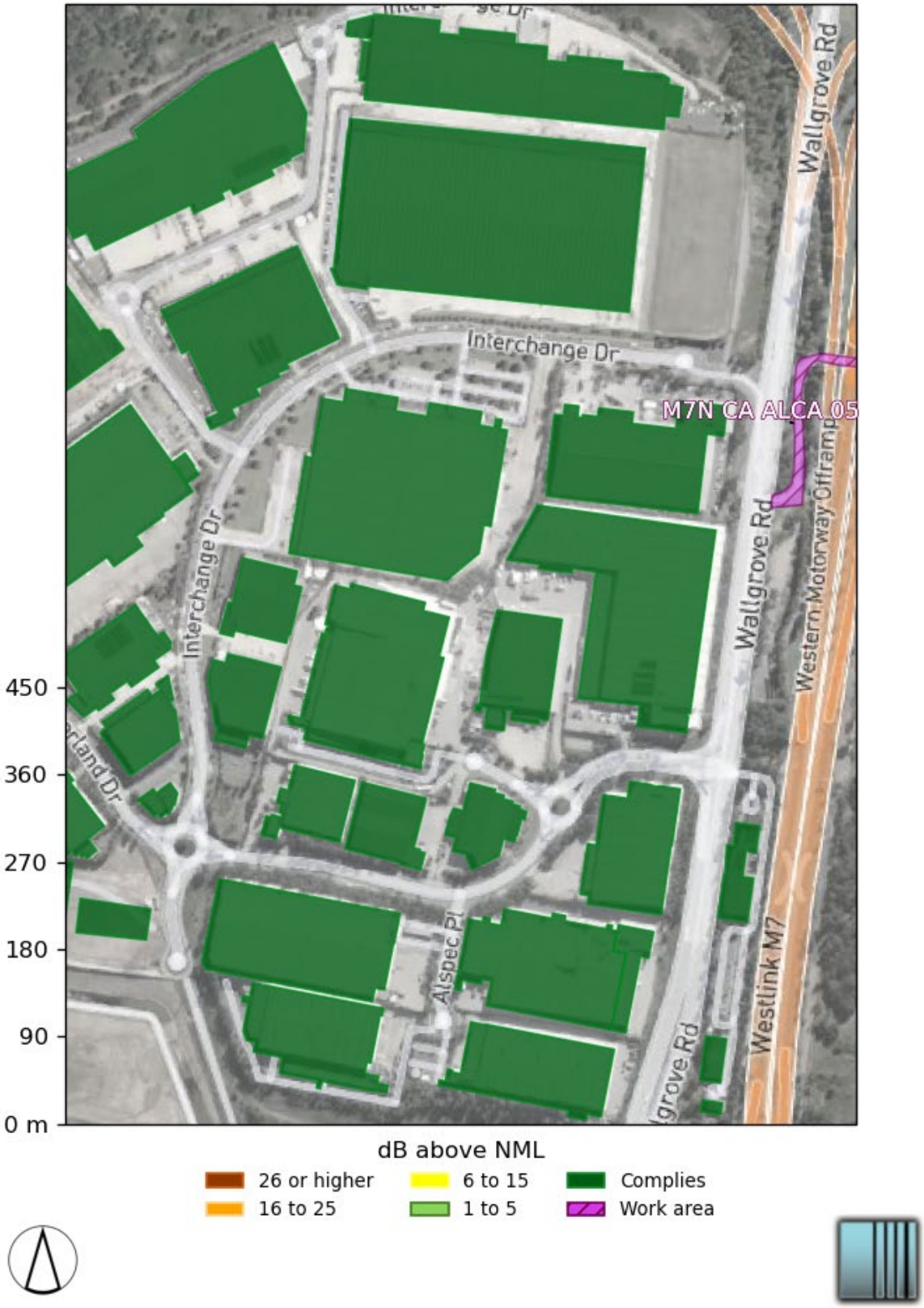
Noise level above NML Day (OOH) (area 1 of 1)



Noise level above NML Evening (area 1 of 1)



Noise level above NML Night (area 1 of 1)



16 August 2024

2024-08-16_TN188-04 ALCA 10 and ALCA 09 - ID TN188_1533.docx

John Holland

[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **ALCA 10 and ALCA 09** (Gatewave ID TN188_1533)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JOHN HOLLANDRP-M7A-EN-PLN-00000_M12East_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

If there are any vibration intensive plant and equipment, the recommended minimum working distances (MWD) are presented in Table 6.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
ALCA-09								
40T Franna Crane	-	-	-	-	100	106	-	-
Excavator w bucket (13t)	-	-	-	-	103	108	-	-
Excavator w bucket (25t)	-	-	-	-	103	108	-	-
Bulldozer (D7)	-	-	-	-	112	116	-	-
Bulldozer (D8)	-	-	-	-	113	117	-	-
Tipper	-	-	-	-	106	111	-	-
Truck and Dog	-	-	-	-	106	111	-	-
Concrete Agi	-	-	-	-	108	111	-	-
Trench Roller	-	-	-	-	114	113	**Yes**	-
Skid steer / Bobcat (10T)	-	-	-	-	104	109	-	-
Mulcher	-	-	-	-	125	124	**Yes**	-
Vacuum truck	-	-	-	-	107	111	-	-
Water cart	-	-	-	-	104	107	-	-
ALCA-08								
Excavator w bucket (13t)	1	-	1	1	103	108	-	-
Excavator w bucket (25t)	1	-	1	1	103	108	-	-
Bulldozer (D7)	1	-	1	1	112	116	-	-
Bulldozer (D8)	1	-	1	1	113	117	-	-
Tipper	2	-	2	2	106	111	-	-
Truck and Dog	1	-	1	1	106	111	-	-
40T Franna Crane	1	-	1	1	100	106	-	-
Concrete Agi	1	-	1	1	108	111	-	-
Trench Roller	1	-	1	1	114	113	**Yes**	-
Skid steer / Bobcat (10T)	1	-	1	1	104	109	-	-
Mulcher	1	-	1	1	125	124	**Yes**	-
Vacuum truck	1	-	1	1	107	111	-	-
Water cart	1	-	1	1	104	107	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in **orange** are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 4. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 9. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
Industrial	0 to 10	1	0 to 5		0 to 5	1	0 to 5	1
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Childcare	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Commercial	0 to 10	1	0 to 5		0 to 5	1	0 to 5	1
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The recommended MWDs for cosmetic damage and human annoyance are presented in Table 6.

Table 4: Generic minimum working distances for cosmetic damage and human annoyance

Plant item	Reference	Minimum working distance, m			
		Cosmetic damage (screening criteria)		Human comfort (screening limit)	
		Heritage buildings	Non-heritage	Residential[1]	Non-residential[2]
Bulldozer (D7)	Caterpillar specifications	5	5	10	5
Bulldozer (D8)	CAT D8(T) Specsheet	5	5	10	5
Trench Roller		5	5	20	5

Notes:

1. Screening limit for residences, night time
2. Screening limit for offices, schools, educational institutions and places of worship (day or night)

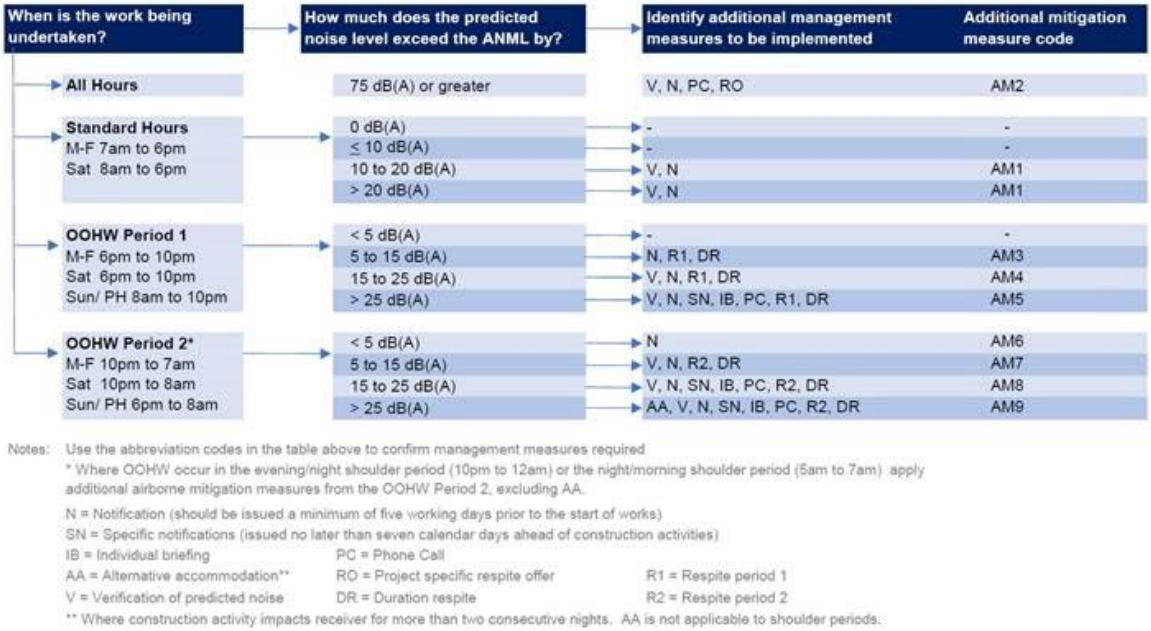
4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures



When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 9 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 5: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
Industrial	100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	76	-	76	76	75
Industrial	100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	76	-	76	76	74
Commercial	101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	71	-	71	71	70

4.3.3 Vibration monitoring

It is noted that the generic MWDs in Table 6 are taken from a database of vibration levels measured at various sites or obtained from other sources (e.g. BS5228-2:2009). They are not specific to these works as final vibration levels are dependent on many factors including the actual plant used, its operation and the intervening geology between the activity and the receiver.

Site specific MWDs for vibration significant plant items must be measured on site where plant and equipment are likely to operate close to or within the generic MWDs for both cosmetic damage and human annoyance. These site specific MWDs will then be included in Gatewave.

If works are likely to be within the generic or site specific MWDs, attended vibration monitoring is to be undertaken to verify that vibration levels comply with the vibration objectives described in the NVMP.

Additional monitoring for human annoyance from vibration would be carried out proactively and in response to vibration complaints.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 2 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

APPENDIX A Summary of works

A.1 Plant and equipment

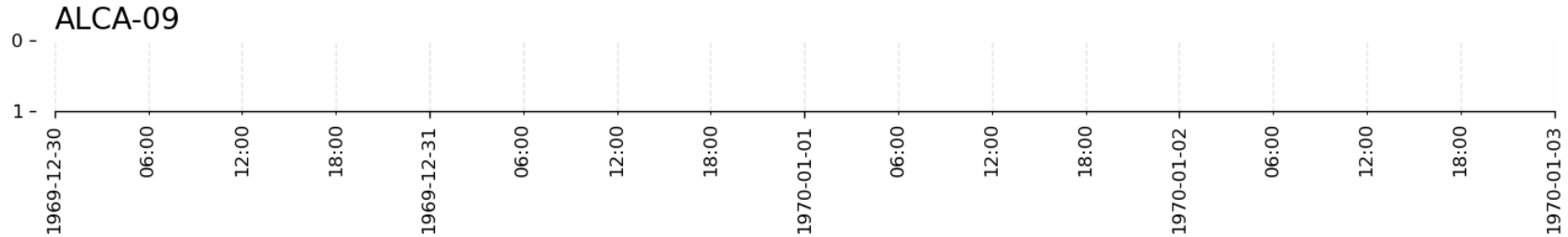
Table 6: Plant and equipment schedule for work area: ALCA-09

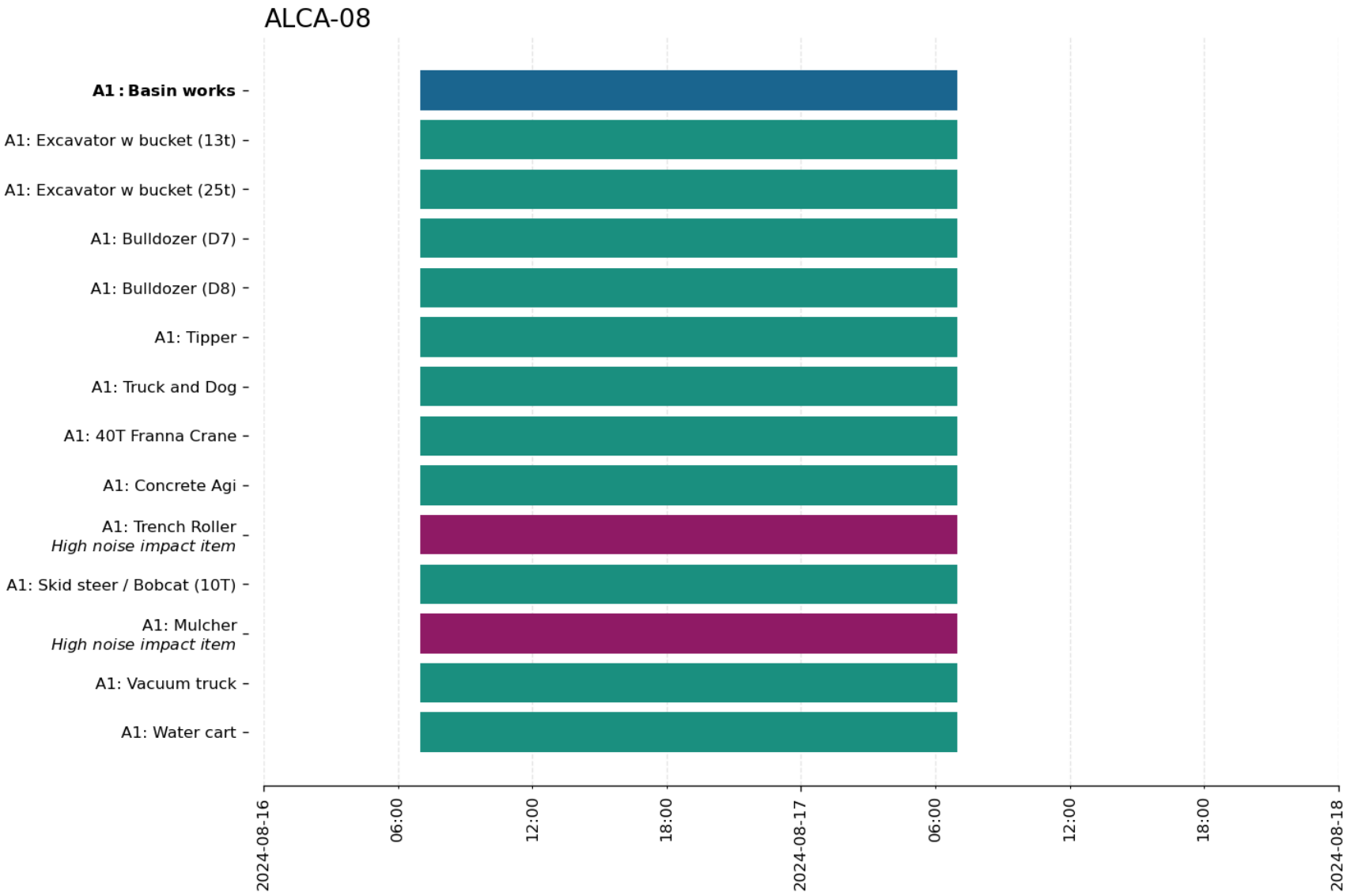
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Basin works								

Table 7: Plant and equipment schedule for work area: ALCA-08

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Basin works								
Excavator w bucket (13t)	-	1	100%	0	103	108	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Excavator w bucket (25t)	-	1	100%	0	103	108	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Bulldozer (D7)	-	1	100%	0	112	116	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Bulldozer (D8)	-	1	100%	0	113	117	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Tipper	-	2	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Truck and Dog	-	1	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
							2024-08-16 19:00:00	2024-08-17 07:00:00
40T Franna Crane	-	1	100%	0	100	106	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Concrete Agi	-	1	100%	0	108	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Trench Roller	5	1	100%	0	114	113	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Mulcher	5	1	100%	0	125	124	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Vacuum truck	-	1	100%	0	107	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Water cart	-	1	100%	0	104	107	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00


ALCA-09
0
1
1969-12-30
06:00
12:00
18:00
1969-12-31
06:00
12:00
18:00
1970-01-01
06:00
12:00
18:00
1970-01-02
06:00
12:00
18:00
1970-01-03


ALCA-08
A1 : Basin works
A1: Excavator w bucket (13t)
A1: Excavator w bucket (25t)
A1: Bulldozer (D7)
A1: Bulldozer (D8)
A1: Tipper
A1: Truck and Dog
A1: 40T Franna Crane
A1: Concrete Agi
A1: Trench Roller
High noise impact item
A1: Skid steer / Bobcat (10T)
A1: Mulcher
High noise impact item
A1: Vacuum truck
A1: Water cart
2024-08-16
06:00
12:00
18:00
2024-08-17
06:00
12:00
18:00
2024-08-18

APPENDIX B Detailed construction noise results

Table 8: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	76	-	76	76	75	-	-	-	AM6
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	76	-	76	76	74	-	-	-	-
100, WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	74	-	74	74	73	-	-	-	-
3 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	72	-	72	72	71	-	-	-	-
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	71	-	71	71	70	-	-	-	AM6
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	69	-	69	69	68	-	-	-	-
10 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	67	-	67	67	66	-	-	-	-
10 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	67	-	67	67	66	-	-	-	-
5 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	66	-	66	66	65	-	-	-	-
26 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	66	-	66	66	65	-	-	-	-
5 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	66	-	66	66	65	-	-	-	-
10 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	66	-	66	66	65	-	-	-	-
2 CAPICURE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	65	-	65	65	64	-	-	-	-
4 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	65	-	65	65	64	-	-	-	-
2 CAPICURE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	64	-	64	64	64	-	-	-	-
1 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	63	-	63	63	62	-	-	-	-
101 WALLGROVE ROAD, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	63	-	63	63	62	-	-	-	-
2 CAPICURE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	61	-	61	61	60	-	-	-	-
30 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	61	-	61	61	60	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	61	-	61	61	60	-	-	-	-
30 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	61	-	61	61	60	-	-	-	-
10 ROUSSELL ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	61	-	61	61	60	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	60	-	60	60	59	-	-	-	-
2 ALSPEC PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	60	-	60	60	59	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	60	-	60	60	59	-	-	-	-
2 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	59	-	59	59	58	-	-	-	-
2 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	59	-	59	59	58	-	-	-	-
1 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	59	-	59	59	58	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	58	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	58	-	58	58	57	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	58	-	58	58	57	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	58	-	58	58	57	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	58	-	58	58	57	-	-	-	-
2 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-

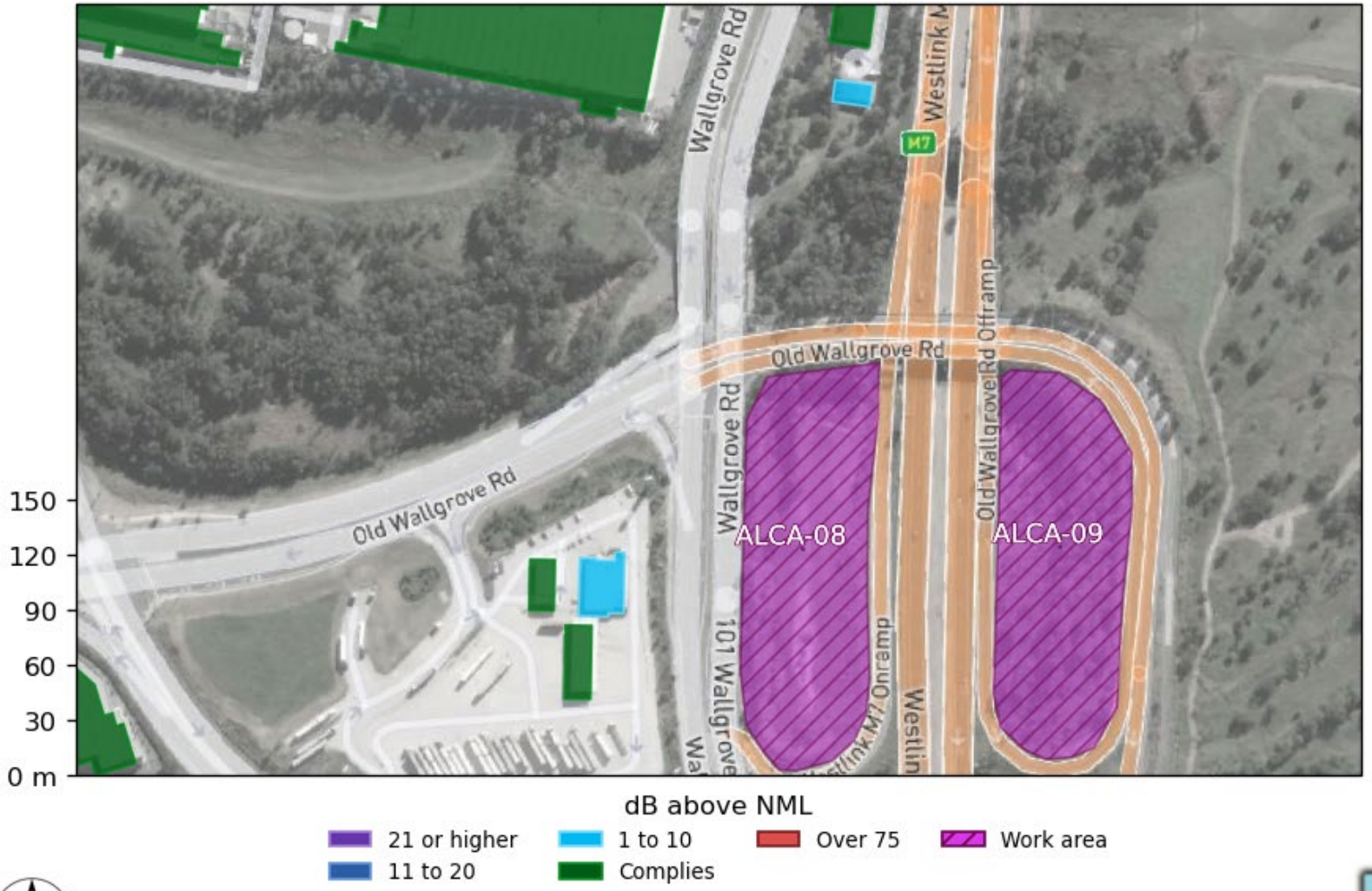
Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-
2, BLUE METAL ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-
2, BLUE METAL ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-
6 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-
9 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	57	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	56	-	-	-	-
26 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	58	-	58	58	56	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	57	-	57	57	56	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	57	-	57	57	56	-	-	-	-
13 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	57	-	57	57	56	-	-	-	-
50 OLD WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	57	-	57	57	56	-	-	-	-
2 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	57	-	57	57	56	-	-	-	-
17 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	57	-	57	57	56	-	-	-	-
6 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	56	-	-	-	-
13 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
8 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
2 BEACH STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
50 OLD WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	56	-	56	56	55	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	55	-	55	55	54	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	55	-	55	55	54	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	55	-	55	55	54	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	55	-	55	55	54	-	-	-	-
10 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	55	-	55	55	54	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Non-receiver	999	999	999	999	None	None	55	-	55	55	54	-	-	-	-
5 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
50 OLD WALLGROVE ROAD, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
10 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Non-receiver	999	999	999	999	None	None	54	-	54	54	53	-	-	-	-
9 ROUSSELL ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
10 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
2 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	53	-	-	-	-
2 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	52	-	-	-	-
9 ROUSSELL ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	54	-	54	54	52	-	-	-	-
14 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	53	-	53	53	52	-	-	-	-
15 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
3 SOUTHRIDGE STREET, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	53	-	53	53	52	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
339 WALLGROVE ROAD, EASTERN CREEK, NSW	Non-receiver	999	999	999	999	None	None	53	-	53	53	52	-	-	-	-
2 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
4 BEACH STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
2 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
6 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	53	-	53	53	52	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	53	-	53	53	52	-	-	-	-
5 CLAY PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	52	-	52	52	51	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	52	-	52	52	51	-	-	-	-
18 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	52	-	52	52	51	-	-	-	-
3 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	52	-	52	52	51	-	-	-	-
3 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	52	-	52	52	51	-	-	-	-
6 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	52	-	52	52	51	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	52	-	52	52	51	-	-	-	-
3 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	52	-	52	52	51	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	52	-	52	52	50	-	-	-	-
22 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
2 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
9 ROUSSELL ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	51	-	51	51	50	-	-	-	-
3 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Commercial	70	70	70	70	None	None	51	-	51	51	50	-	-	-	-
9 ROUSSELL ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
50 OLD WALLGROVE ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	51	-	51	51	50	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	51	-	51	51	50	-	-	-	-
3 ROBERTS ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	49	-	-	-	-
18 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	49	-	-	-	-
3 ROBERTS ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	49	-	-	-	-
2 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Childcare	50	50	50	50	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	49	-	-	-	-
2A SOUTHRIDGE STREET, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	49	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	50	-	50	50	49	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	49	-	49	49	48	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	49	-	49	49	48	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	49	-	49	49	48	-	-	-	-
19 WONDERLAND DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	49	-	49	49	48	-	-	-	-
8 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	48	-	48	48	48	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	47	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	47	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	47	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	47	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	47	-	47	47	46	-	-	-	-
10 ROUSSELL ROAD, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	47	-	47	47	46	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	46	-	46	46	45	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	46	-	46	46	45	-	-	-	-
2 SOUTHRIDGE STREET, EASTERN CREEK NSW 2766	Industrial	75	75	75	75	None	None	46	-	46	46	45	-	-	-	-
1 INTERCHANGE DRIVE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	46	-	46	46	45	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	43	-	43	43	42	-	-	-	-
14 SHALE PLACE, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	41	-	41	41	40	-	-	-	-
1-5 SOUTHRIDGE STREET, EASTERN CREEK, NSW	Industrial	75	75	75	75	None	None	40	-	40	40	40	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	37	-	37	37	36	-	-	-	-

APPENDIX C Noise level above nominated target

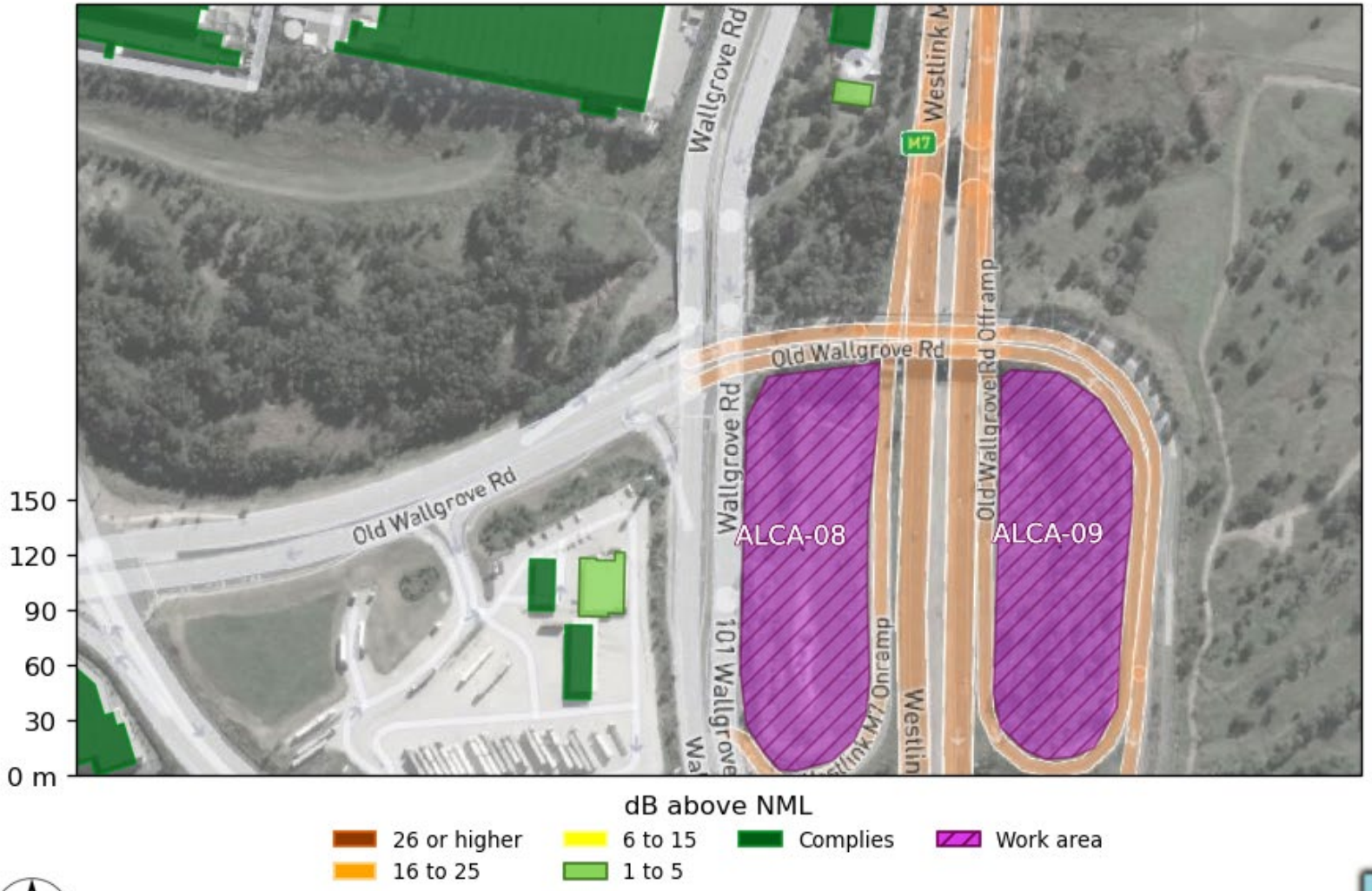
Noise level above NML Day (area 1 of 1)



Noise level above NML Day (OOH) (area 1 of 1)



Noise level above NML Evening (area 1 of 1)



Noise level above NML Night (area 1 of 1)



06 August 2024

2024-08-06_TN188-04 M7S ALCA-10 - ID TN188_1468.docx

John Holland

[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **M7S ALCA-10** (Gatewave ID TN188_1468)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JOHN HOLLANDRP-M7A-EN-PLN-00000_M12East_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

The plant and equipment considered in this scenario are not considered vibration intensive. As a result, minimum working distances (MWDs) for cosmetic damage or human annoyance have not been nominated.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment

period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

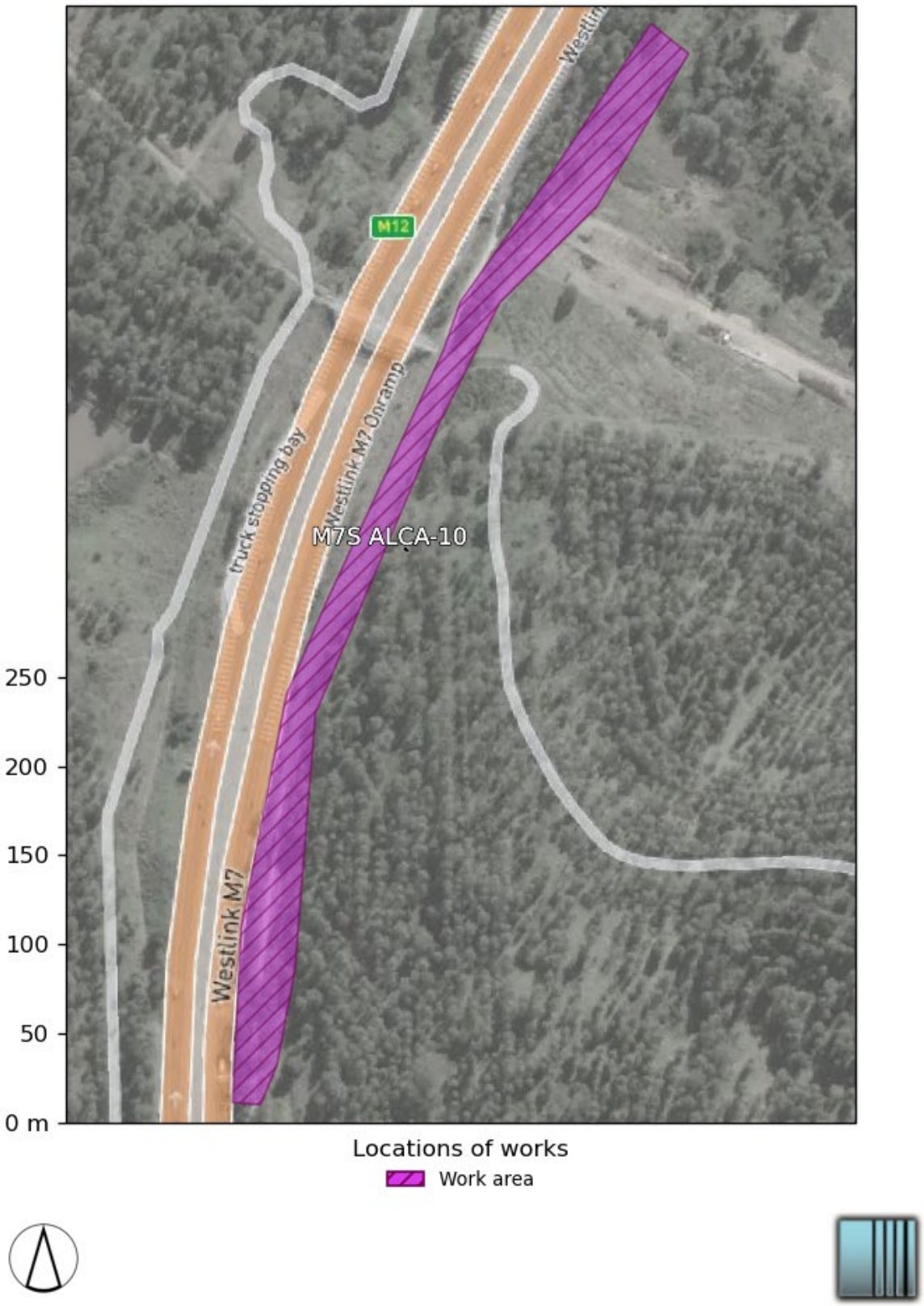
Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
M7S ALCA-10								
Light vehicles	3	-	3	3	94	100	-	-
Material delivery truck	3	-	3	3	111	111	-	-
Excavator w bucket (25t)	1	-	1	1	103	108	-	-
Skid steer / Bobcat (10T)	1	-	1	1	104	109	-	-
Delivery truck	1	-	1	1	106	111	-	-
Concrete Agi	1	-	1	1	108	111	-	-
Water cart	1	-	1	1	104	107	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in **orange** are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 4. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 9. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
TfNSW_NCA16b	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA14	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA16	0 to 10	2	0 to 5		0 to 5	34	0 to 5	48
	> 10	0	5 to 15		5 to 15	7	5 to 15	29
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA13	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Commercial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The plant and equipment described in Table 2 are not considered vibration intensive and, as a result, do not have MWDs for cosmetic damage or human annoyance.

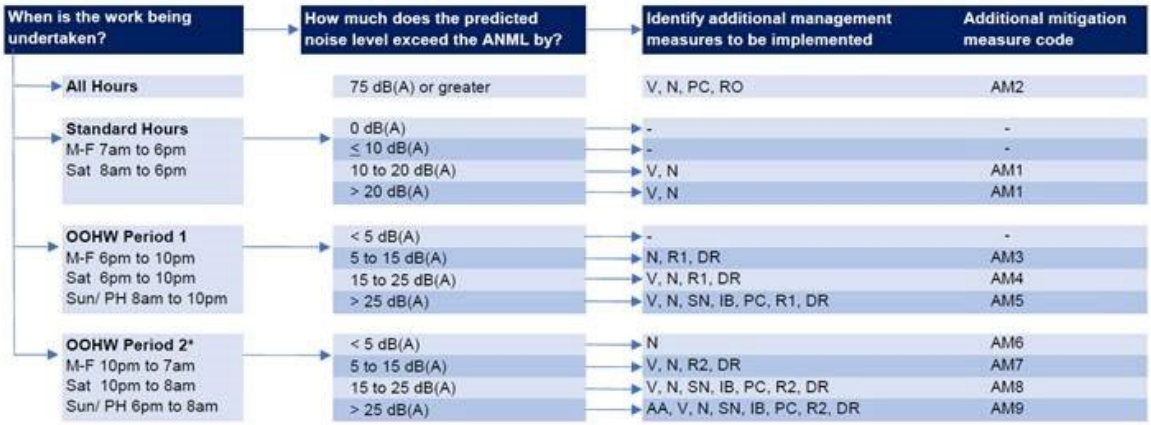
4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures



When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst

affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 9 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 4: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
TfNSW_NCA16b	13, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	38	-	38	38	38
TfNSW_NCA16b	34, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	38	-	38	38	38
TfNSW_NCA16b	11 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	38
M7_NCA14	28 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42
M7_NCA14	32 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	42
M7_NCA14	31 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	41
M7_NCA16	17 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	56

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA16	20 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	55
M7_NCA16	15 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	54
M7_NCA13	34 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	41	-	41	41	41
M7_NCA13	32 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	40	-	40	40	40
M7_NCA13	12 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	39	-	39	39	39

4.3.3 Vibration monitoring

As the plant and equipment in this scenario are not considered to be vibration intensive, further vibration monitoring is not required.

If attended vibration monitoring is required (for example, in response to vibration-related complaints), monitoring will be undertaken according to the process described in the NVMP.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 2 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

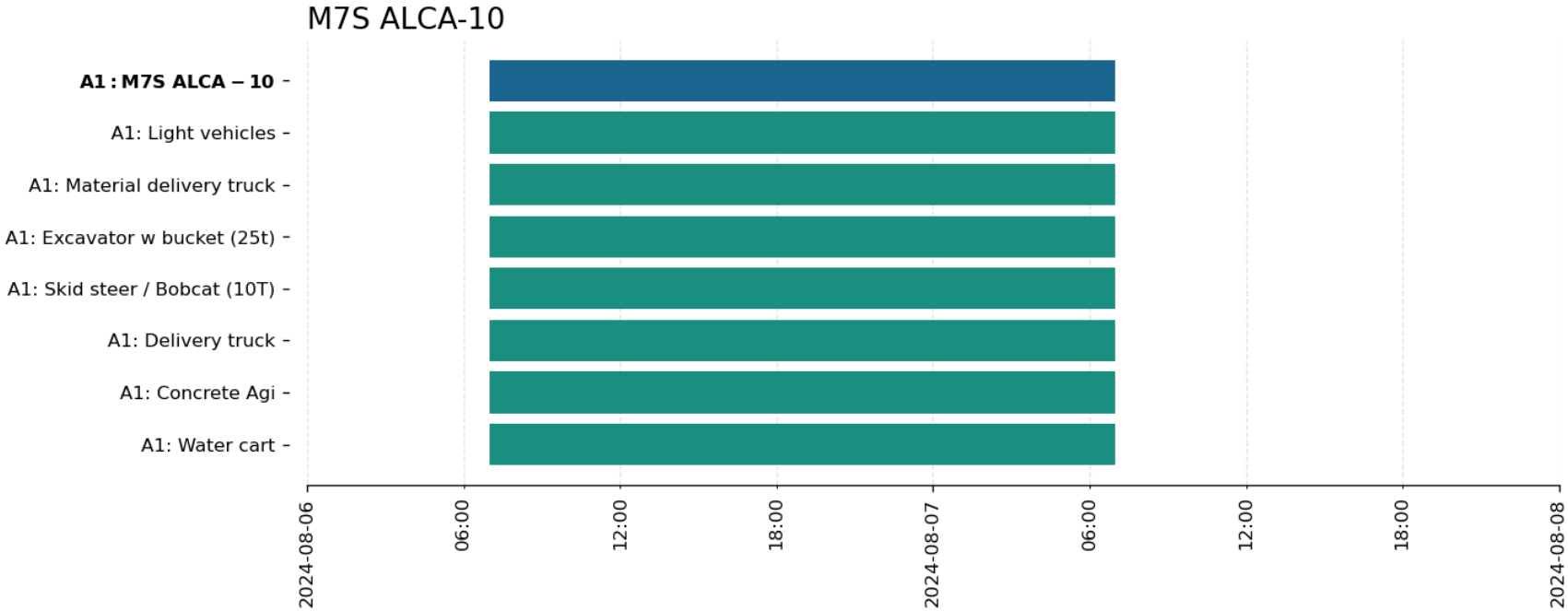
* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

APPENDIX A Summary of works

A.1 Plant and equipment

Table 5: Plant and equipment schedule for work area: M7S ALCA-10

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
M7S ALCA-10								
Light vehicles	-	3	100%	0	94	100	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Material delivery truck	-	3	100%	0	111	111	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Excavator w bucket (25t)	-	1	100%	0	103	108	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Delivery truck	-	1	100%	0	106	111	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Concrete Agi	-	1	100%	0	108	111	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Water cart	-	1	100%	0	104	107	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00


M7S ALCA-10
A1 : M7S ALCA – 10
A1: Light vehicles
A1: Material delivery truck
A1: Excavator w bucket (25t)
A1: Skid steer / Bobcat (10T)
A1: Delivery truck
A1: Concrete Agi
A1: Water cart
2024-08-06
06:00
12:00
18:00
2024-08-07
06:00
12:00
18:00
2024-08-08

APPENDIX B Detailed construction noise results

Table 6: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
17 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	56	-	-	AM3	AM7
20 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	55	-	-	AM3	AM7
15 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	54	-	-	AM3	AM7
24 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	54	-	-	AM3	AM7
26 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	54	-	-	AM3	AM7
22 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	54	-	-	AM3	AM7
28 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	54	-	-	AM3	AM7
26 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	54	-	-	-	AM7
13 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	53	-	-	-	AM7
24 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	53	-	-	-	AM7
11 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	53	-	-	-	AM7
18 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	53	-	-	-	AM7
22 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	53	-	-	-	AM7
30 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	53	-	-	-	AM7
19 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	53	-	-	-	AM7
17 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	52	-	-	-	AM7
16 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	52	-	-	-	AM7
32 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	52	-	-	-	AM7
9 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	52	-	-	-	AM7
15 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	51	-	-	-	AM7
6 ELANORA PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	51	-	-	-	AM7
16 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	51	-	-	-	AM7
7 ELANORA PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	51	-	-	-	AM7
12 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	51	-	-	-	AM7
14 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	51	-	-	-	AM7
20 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	50	-	-	-	AM7
13 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	50	-	-	-	AM7
10 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	50	-	-	-	AM7
6 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	50	-	-	-	AM7
18 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	50	-	-	-	AM6
5 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	50	-	-	-	AM6
34 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
7 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
14 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
8 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
40 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
3 ELANORA PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
30 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 ELANORA PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
11 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
9 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	49	-	-	-	AM6
36 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	49	-	-	-	AM6
4 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	48	-	-	-	AM6
5 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	48	-	-	-	AM6
38 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	48	-	-	-	AM6
8 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	48	-	-	-	AM6
12 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	48	-	-	-	AM6
7 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	48	-	-	-	AM6
52 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	48	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	47	-	47	47	48	-	-	-	-
42 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	48	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	47	-	47	47	48	-	-	-	-
10 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	47	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	47	-	47	47	47	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	47	-	47	47	47	-	-	-	-
2 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	47	-	-	-	AM6
28 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	47	-	-	-	AM6
26 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	47	-	-	-	AM6
3 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	47	-	-	-	AM6
18 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	46	-	46	46	46	-	-	-	-
4 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
20 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
22 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
8, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
18, BATTENBERG CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
6 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
7A ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
22 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
50 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	46	-	-	-	AM6
7B ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	46	-	-	-	AM6
2 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
8 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
16 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
25 B, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
46 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	45	-	45	45	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
None	Non-receiver	999	999	999	999	None	None	45	-	45	45	45	-	-	-	-
10 A, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
14, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
16, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	45	-	45	45	45	-	-	-	-
1 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
3 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
5 ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	45	-	-	-	AM6
18, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	45	-	-	-	-
20 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	45	-	-	-	-
49, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	45	-	-	-	-
12 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
6 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	44	-	44	44	44	-	-	-	-
24, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
11 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
16 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
45, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	44	-	44	44	44	-	-	-	-
14 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
51, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
9 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
13 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
5 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
48 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	44	-	-	-	-
12, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	44	-	-	-	-
49, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	44	-	-	-	-
14 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	44	-	-	-	-
10 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
14 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
3 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
7 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
19, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
22, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
8 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
15 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
25, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
27 A, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	43	-	43	43	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
13, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
22, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
6 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
8 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
17 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
23, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
43, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
8 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
9 ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	43	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	42	-	42	42	43	-	-	-	-
25 A, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	43	-	-	-	-
29, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	43	-	-	-	-
7 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	43	-	-	-	-
4 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
9 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
15 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
2 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
23, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
1, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
37 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
44 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
5, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
1 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
11 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
27, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
4, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
20, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
24 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
39 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
4 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
26 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
37, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
47, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
14 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
18 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
3, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
6, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
28 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
20 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	42	-	-	-	-
13 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
41 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
9 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
12 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
29, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
36 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
4, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
4, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
32 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
10 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
16, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
3, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	42	-	-	-	-
28, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
42, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
43, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
6 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
31, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
6, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
34 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	41	-	41	41	41	-	-	-	-
10, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
15 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
17, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
20, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
27 B, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
3, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
31 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
18, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
23, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
3 ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
5 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
12 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
29, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
7 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
9 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
9, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
10 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
18, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
53, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
8, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
9, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	41	-	-	-	-
18-20 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
3, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
46, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
5, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
6 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
33, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
4 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
7, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
8 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	41	-	-	-	-
1 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
14, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
14, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
21, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
32, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
39, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
16, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
2 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
20, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
14 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
41, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
8, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
32 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
33, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
47, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
5, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
7, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
15, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
32 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	40	-	40	40	40	-	-	-	-
22 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
44, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
6 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
8, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	40	-	-	-	-
22, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
39, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
13, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
38, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
8, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
35 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
11, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
13 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
14 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
18, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
19, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
22 BATTENBERG CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	39	-	39	39	40	-	-	-	-
35, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
51, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	40	-	-	-	-
10, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
16 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
37, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
33 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
35, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
38 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
41, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
45, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	39	-	39	39	39	-	-	-	-
12 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
20, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
24, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
35, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
26 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	39	-	39	39	39	-	-	-	-
11 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
21, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
39, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
45, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	39	-	39	39	39	-	-	-	-
24 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
26, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
8, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	39	-	39	39	39	-	-	-	-
29 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
40, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
42 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
12 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	39	-	39	39	39	-	-	-	-
10 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
19 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
31, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	39	-	-	-	-
12, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	39	-	-	-	-
21 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	39	-	-	-	-
15 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	39	-	-	-	-
33, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	39	-	-	-	-
16 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	38	-	38	38	38	-	-	-	-
22, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	38	-	-	-	-
24 HANOVER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	38	-	-	-	-
26 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
27 B, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	38	-	-	-	-
30, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
48, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
18 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	38	-	38	38	38	-	-	-	-
28 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	38	-	38	38	38	-	-	-	-
30 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	38	-	38	38	38	-	-	-	-
30 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
27, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
33 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
6, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
20 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	38	-	38	38	38	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	38	-	38	38	38	-	-	-	-
25, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
34, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
47, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	38	-	-	-	-
13, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	38	-	38	38	38	-	-	-	-
34, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	38	-	38	38	38	-	-	-	-
23, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
50, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
16, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
7, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
10, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
12, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
16, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
31, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
10, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
15 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	38	-	-	-	-
18 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-
18, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	38	-	-	-	-
8, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
52, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	38	-	-	-	-
6, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	38	-	-	-	-
8 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	38	-	-	-	-
6, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	38	-	-	-	-
15, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	38	-	-	-	-
29, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	38	-	-	-	-
5, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	38	-	-	-	-
11 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	38	-	-	-	-
11, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
3, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
12, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
13, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
16 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	37	-	-	-	-
17, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
21, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
14 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	37	-	37	37	37	-	-	-	-
25, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
37, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
11 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
15 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
3, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
4, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
1, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
12 BATTENBERG CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	37	-	-	-	-
28 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
22, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	37	-	-	-	-
31 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
9 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	37	-	37	37	37	-	-	-	-
14, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
16 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
19, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	37	-	-	-	-
4, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	37	-	-	-	-
11, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
9 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
9 PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	37	-	37	37	37	-	-	-	-
27 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
13, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
19, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	37	-	-	-	-
7, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
28, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	36	-	36	36	37	-	-	-	-
21 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	36	-	36	36	37	-	-	-	-
11, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
12 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	37	-	-	-	-
17, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
30 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
36, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
4, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
8 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	37	-	-	-	-
14, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	37	-	-	-	-
19 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
37 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
61 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	36	-	-	-	-
6, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
9, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
5, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
16 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
13, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
2 A, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
18 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
7, KINTYRE STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	36	-	-	-	-
9, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
3, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
4, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
12, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
4, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
8, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
15, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
24, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	36	-	-	-	-
34 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
4 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
6, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
7, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
14, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
26, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
None	Non-receiver	999	999	999	999	None	None	36	-	36	36	36	-	-	-	-
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
15, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
16 STIRLING STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	36	-	-	-	-
2 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
3 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
46 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
2, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
20, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
24, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
6, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
6, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
24 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
15, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
17, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
35 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
40 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
1, LANCASTER AVENUE, CECIL HILLS NSW 2171	Commercial	70	70	70	70	None	None	36	-	36	36	36	-	-	-	-
3, JOHN PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
29 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
17, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
35, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	36	-	-	-	-
15, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
22, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
40, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
5, MEREDITH WAY, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	36	-	36	36	36	-	-	-	-
11 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	35	-	35	35	36	-	-	-	-
22 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-
27, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-
4, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-
32, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
12 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-
24 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-
10, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
12, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
22, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
36, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
9, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
30 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
33 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-
39 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	35	-	35	35	36	-	-	-	-
5, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	36	-	-	-	-
11 B, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
12, RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
19, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	36	-	-	-	-
23 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
41 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
49 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
10 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
15 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
19, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
12, ALBEMARLE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
42, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
8, ALBEMARLE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
26 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
28 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
17A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
13 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
15, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
22, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
25 B, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
27 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	35	-	35	35	35	-	-	-	-
25 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
49 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
12 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
18, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
2 B, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
16, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	35	-	-	-	-
37, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
7, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
14, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
30, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
2, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
8, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
16, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
5, JOHN PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
22 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
17, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
18, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	35	-	-	-	-
20 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
5, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
15, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
7 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
9, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
27 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
27, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	35	-	-	-	-
8, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	35	-	-	-	-
10, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
24, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	35	-	35	35	35	-	-	-	-
20 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	35	-	-	-	-
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	34	-	34	34	35	-	-	-	-
51 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	35	-	-	-	-
53 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	35	-	-	-	-
11, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	35	-	-	-	-
13 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	35	-	-	-	-
43, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	35	-	-	-	-
25 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	34	-	34	34	35	-	-	-	-
18, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	35	-	-	-	-
19, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	35	-	-	-	-
2, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	35	-	-	-	-
6 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	35	-	-	-	-
44, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	35	-	-	-	-
69, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	35	-	-	-	-
18 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
9 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
10 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
17B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
20, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
33 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
43 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
10, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
16, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
18, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	34	-	-	-	-
2 ELTHAM PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
13, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
22, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
23, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
7, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
11 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
1A VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
7 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
20 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
23 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
44 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
10, RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
18 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
36, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
64, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
57 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
59 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
15, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
13, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
3 A, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
3, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
6, URSULA PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
70, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
9, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
93, BALMORAL CIRCUIT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
19 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
29 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
22 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
48 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
5, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
14, RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
20, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
7, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
91, BALMORAL CIRCUIT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
3, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
47 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
5, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
66, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
76 LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
8, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
29 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	34	-	34	34	34	-	-	-	-
11A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
21 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
27 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	34	-	-	-	-
17, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
28, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
5 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	34	-	34	34	34	-	-	-	-
20 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
19 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
21, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
21A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
12, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
11B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
5, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
25, ANGELA STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
4, URSULA PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
7 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
4 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
4, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	34	-	-	-	-
43, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	34	-	-	-	-
23, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
27, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
5, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
5, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
53, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
6, RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
63, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
80 LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	34	-	-	-	-
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
18 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
4, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	33	-	-	-	-
50 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
8 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
1, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
11, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
55, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
73, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
31 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
35 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
9 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
11, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
11, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
13, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
34, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
59, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
87, BALMORAL CIRCUIT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
1 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
11, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
17 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
19 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
35, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
7 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
39 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
4 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
5 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
52 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
10, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
17, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
23, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
23, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
48, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
5, URSULA PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
6, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
75, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
24 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
1 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
22 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
24, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
81, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
16 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
23 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
5 ELTHAM PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
6 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
25 A, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
58, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
67, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
78 LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
16B RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
2 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
25 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	33	-	-	-	-
10, ALBEMARLE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
23, ANGELA STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
33, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
71, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	33	-	-	-	-
1B VIDAL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	32	-	32	32	33	-	-	-	-
14 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	33	-	-	-	-
1 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
11 B, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
26, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
31, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
7 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	33	-	-	-	-
16, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
21, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
25, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
29, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
4, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
6, ALBEMARLE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
87, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	33	-	-	-	-
1 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
5B ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
6B TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
2, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
2, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
24 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
26 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
32, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
38, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
4, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
94, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
46, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
49, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
89, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
9, BURGUNDY CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
16 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
16A RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
17 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
5A ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
12 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
19, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
2 B, ALBEMARLE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
21, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
96, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
13 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
15 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
23B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
28 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
3 ELTHAM PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
34 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
15, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
21B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
23A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
18, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
4, BURGUNDY CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
6, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
92 B, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
99, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
13 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
14 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
51A FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
44, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
16 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	32	-	32	32	32	-	-	-	-
11 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
18 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
20 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
24 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
26, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	32	-	-	-	-
7 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
8 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
8 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
25, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
3 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
47, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
57 A, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
55 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
23, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
26 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
3, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	32	-	-	-	-
36 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
6A RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	32	-	-	-	-
25, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
3 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
8, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	32	-	-	-	-
21 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
24B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
4 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
4B KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
1 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
24, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
27, ANGELA STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
28 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
60 B, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
16 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
25 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
29 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
41 FEODORE DRIVE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	32	-	-	-	-
22, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
5 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
17 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
29B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
5 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
7 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	32	-	-	-	-
19, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
5, BURGUNDY CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
7, BURGUNDY CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	32	-	-	-	-
15 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
27 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
29A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
19, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
33, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
4, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
45, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
21 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
45B ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	31	-	-	-	-
10A TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
12 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
17 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
2 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
26 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
4A KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
84 LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
12 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
24A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
27 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
3, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
31, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	31	-	-	-	-
3, BURGUNDY CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
46, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
9, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	31	-	31	31	31	-	-	-	-
6B RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
119, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
18, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
22 ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
3, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
61, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
43A ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	31	-	-	-	-
45A ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	31	-	-	-	-
11 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
7 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
20, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
3, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
5, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
7, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
7, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
8, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
10 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
11 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
12 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
13 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
25 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
25, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	31	-	-	-	-
27, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
29, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
51, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
12 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
22 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
32 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
7 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	31	-	-	-	-
31, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
65 B, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
68, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
92 A, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	31	-	-	-	-
17, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	31	-	-	-	-
27 A, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	31	-	-	-	-
13 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	31	-	-	-	-
5 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	31	-	-	-	-
35 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	30	-	-	-	-
44, RICHARD CRESCENT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	30	-	-	-	-
51B FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	30	-	30	30	30	-	-	-	-
1, MEREDITH WAY, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
10B TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
47, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	30	-	-	-	-
9 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
11, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
27, ANGELA STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	30	-	-	-	-
48, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
12, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
5, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
11 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
21 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
22 ST GEORGES CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	30	-	-	-	-
5 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6A TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
7 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
1, BURGUNDY CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
115, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
9 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
2 A, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
26, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
3, URSULA PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
36, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
52, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
6 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
62, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
7, JOHN PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
6 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
8 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	30	-	-	-	-
24 ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
7, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
77, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	30	-	-	-	-
19 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	30	-	-	-	-
4A LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	30	-	-	-	-
3, MEREDITH WAY, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	30	-	-	-	-
4, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	30	-	-	-	-
4B LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	30	-	-	-	-
8 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	30	-	-	-	-
8 LONDON COURT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	30	-	-	-	-
51 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
7 TUDOR CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	29	-	-	-	-
9, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
21, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
31, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
54, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
18 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
3 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
9, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
17, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
8 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
14 A, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
7, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
10 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
6 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
8 SAXON PLACE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	29	-	-	-	-
21, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
40, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
101, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
16, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
27, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
72, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
6 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
9 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
13 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
14 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
5A ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	29	-	-	-	-
21, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
56, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	29	-	-	-	-
18, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	29	-	-	-	-
57 A, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	29	-	-	-	-
7, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	29	-	-	-	-
8, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	29	-	-	-	-
8, URSULA PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	29	-	-	-	-
2 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	29	-	-	-	-
4 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	29	-	-	-	-
7, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	29	-	-	-	-
8A RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	29	-	-	-	-
11, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	29	-	-	-	-
50, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	29	-	-	-	-
82 LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	29	-	-	-	-
11, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	28	-	-	-	-
100, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
24, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
9, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
16, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
18, MORTIMER CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	28	-	-	-	-
6, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
33 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	28	-	-	-	-
12 STIRLING STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	28	-	-	-	-
6 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	28	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	28	-	28	28	28	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
29, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
3, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
5, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
19 ST GEORGES CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	28	-	-	-	-
30, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
4, RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
7, URSULA PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
8, RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
9, URSULA PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
91, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
1 ELTHAM PLACE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	28	-	-	-	-
5 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	28	-	-	-	-
103, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
21, ANGELA STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	28	-	-	-	-
27 A, RICHARD CRESCENT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	28	-	-	-	-
13, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	28	-	-	-	-
7 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	28	-	-	-	-
83, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	28	-	-	-	-
7 LONDON COURT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	28	-	-	-	-
13, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	28	-	-	-	-
26 ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	28	-	-	-	-
5, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	28	-	-	-	-
8B RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	28	-	-	-	-
2 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	27	-	-	-	-
4, JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	27	-	-	-	-
31 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	27	-	-	-	-
12, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	27	-	-	-	-
64, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	27	-	-	-	-
18 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	27	-	-	-	-
10, JAQUETTA CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	27	-	-	-	-
14, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	27	-	-	-	-
30, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	27	-	-	-	-
60, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	27	-	-	-	-
79, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	27	-	-	-	-
50, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	27	-	-	-	-
24, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	27	-	-	-	-
65 B, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	27	-	-	-	-
21, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	26	-	-	-	-
4, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	26	-	26	26	26	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	26	-	-	-	-
7, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	26	-	26	26	26	-	-	-	-
95, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	26	-	26	26	26	-	-	-	-
14 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	26	-	-	-	-
9 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	26	-	-	-	-
3, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	26	-	26	26	26	-	-	-	-
42, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	26	-	26	26	26	-	-	-	-
65 A, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	26	-	-	-	-
28, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	26	-	-	-	-
1 ELTHAM PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	26	-	-	-	-
15 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	26	-	-	-	-
4, ALBEMARLE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	26	-	26	26	26	-	-	-	-
37 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	26	-	-	-	-
10, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	26	-	26	26	26	-	-	-	-
2 B, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	26	-	26	26	26	-	-	-	-
10 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	26	-	-	-	-
16, MORTIMER CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	26	-	-	-	-
54, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	26	-	-	-	-
91, BALMORAL CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	26	-	-	-	-
26 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	26	-	-	-	-
5, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	26	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	25	-	25	25	26	-	-	-	-
16 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	25	-	-	-	-
18, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	25	-	-	-	-
29, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	25	-	25	25	25	-	-	-	-
81, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	25	-	-	-	-
10, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	25	-	25	25	25	-	-	-	-
72, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	25	-	-	-	-
21, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	25	-	-	-	-
105, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	25	-	25	25	25	-	-	-	-
35, MORTIMER CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	25	-	-	-	-
93, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	25	-	25	25	25	-	-	-	-
5 TUDOR CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	25	-	-	-	-
85, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	25	-	25	25	25	-	-	-	-
11, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	25	-	-	-	-
16 ST GEORGES CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	25	-	-	-	-
8, ISABEL STREET, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	24	-	24	24	25	-	-	-	-
2 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	24	-	-	-	-
2 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	24	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
22, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
22, MORTIMER CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	24	-	24	24	24	-	-	-	-
88, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	24	-	24	24	24	-	-	-	-
19 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	24	-	-	-	-
3 LONDON COURT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
28 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	24	-	-	-	-
14 A, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
24, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
46, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
5, ISABEL STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
26, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
12 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
34, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
6 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	24	-	-	-	-
8, MORTIMER CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	24	-	-	-	-
10 RICHMOND CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	24	-	-	-	-
3, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	24	-	-	-	-
6, ISABEL STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	24	-	-	-	-
94, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	24	-	-	-	-
32, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	24	-	-	-	-
48, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	24	-	-	-	-
97, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	23	-	23	23	24	-	-	-	-
20 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	24	-	-	-	-
16 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	24	-	-	-	-
27 B, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	23	-	23	23	23	-	-	-	-
12, RENE PLACE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	23	-	-	-	-
20, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	23	-	-	-	-
19, ANGELA STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	23	-	-	-	-
117, LANCASTER AVENUE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	22	-	22	22	23	-	-	-	-
17, ANGELA STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	22	-	22	22	23	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	22	-	22	22	22	-	-	-	-
3, BURGUNDY CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	22	-	22	22	22	-	-	-	-
4 SAXON PLACE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	22	-	22	22	22	-	-	-	-
7 TUDOR CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	22	-	22	22	22	-	-	-	-
11, ISABEL STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	22	-	22	22	22	-	-	-	-
53, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	22	-	22	22	22	-	-	-	-
32, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	21	-	21	21	21	-	-	-	-
10, RENE PLACE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	21	-	21	21	21	-	-	-	-
13, CHRISTABEL PLACE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	21	-	21	21	21	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
23, MORTIMER CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	18	-	18	18	18	-	-	-	-
48, LANCASTER AVENUE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	18	-	18	18	18	-	-	-	-
14 B, SNOWDEN CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	18	-	18	18	18	-	-	-	-

APPENDIX C Noise level above nominated target

Noise level above NML Day (area 1 of 1)



Noise level above NML Day (OOH) (area 1 of 1)



Noise level above NML Evening (area 1 of 1)



Noise level above NML Night (area 1 of 1)



16 August 2024

2024-08-16_TN188-04 M7S CA ALCA 11 ALCA 12 ALCA 13 ALCA - ID TN188_1530.docx

John Holland

[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **M7S CA ALCA 11 ALCA 12 ALCA 13 ALCA** (Gatewave ID TN188_1530)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JOHN HOLLANDRP-M7A-EN-PLN-00000_M12East_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

If there are any vibration intensive plant and equipment, the recommended minimum working distances (MWD) are presented in Table 4.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

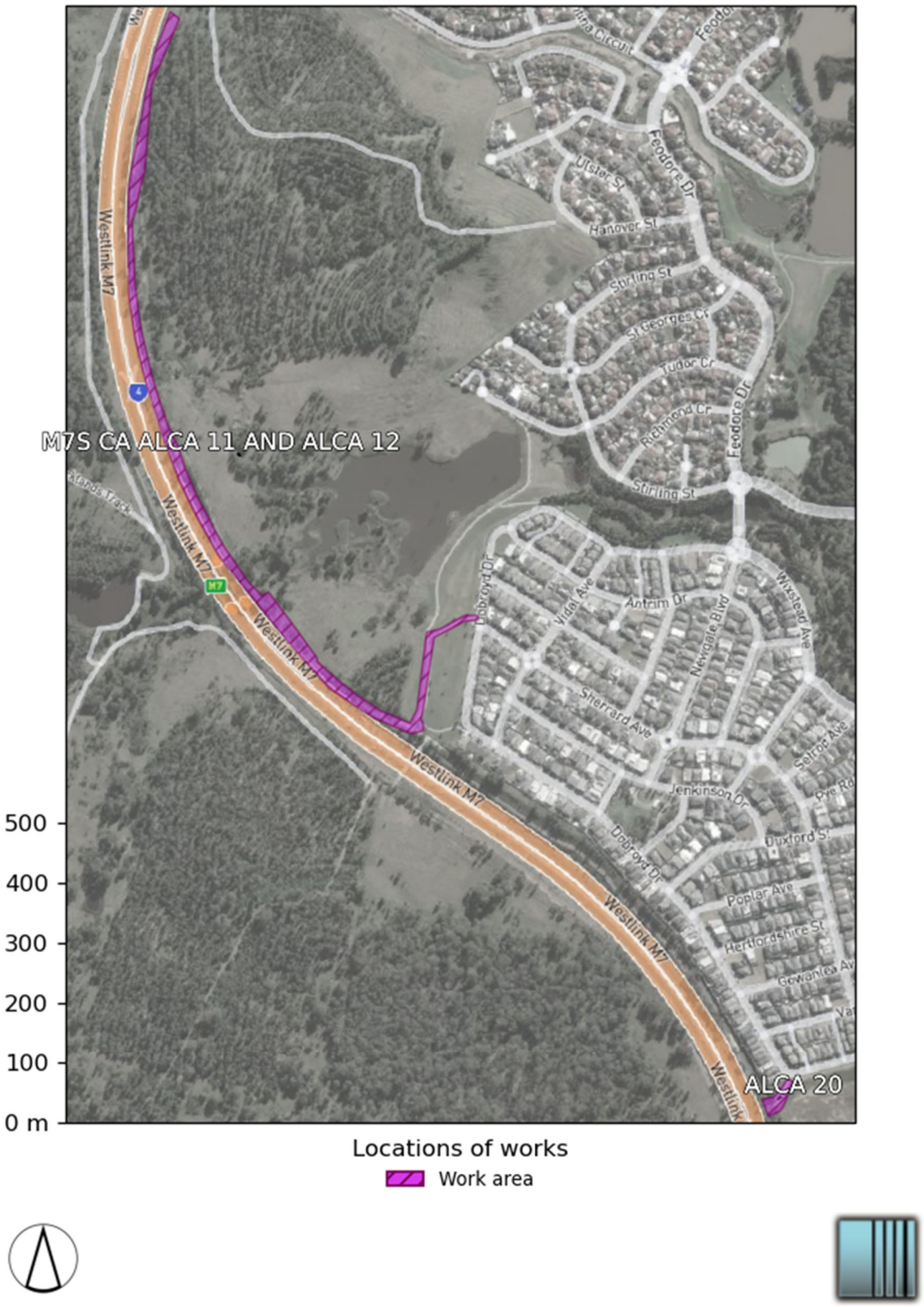
Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
ALCA 20								
Concrete Agi	1	-	1	1	108	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Excavator with bucket (35T)	1	-	1	1	108	112	-	-
Concrete vibrator	1	-	1	1	97	100	-	-
Grader (140H)	1	-	1	1	113	121	-	-
Skid steer / Bobcat (10T)	1	-	1	1	104	109	-	-
Delivery truck	1	-	1	1	106	111	-	-
Material delivery truck	1	-	1	1	106	111	-	-
Tipper	1	-	1	1	103	111	-	-
Compactor / Wacker packer	1	-	1	1	108	110	-	-
M7S CA ALCA 11 AND ALCA 12								
Concrete Agi	1	-	1	1	108	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Excavator with bucket (35T)	1	-	1	1	108	112	-	-
Concrete vibrator	1	-	1	1	97	100	-	-
Compactor / Wacker packer	1	-	1	1	108	110	-	-
Grader (140H)	1	-	1	1	113	121	-	-
Skid steer / Bobcat (10T)	1	-	1	1	104	109	-	-
Tipper	1	-	1	1	103	111	-	-
Delivery truck	1	-	1	1	106	111	-	-
Material delivery truck	1	-	1	1	106	111	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in **orange** are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 3. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 5. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
M7_NCA13	0 to 10	4	0 to 5		0 to 5	9	0 to 5	20
	> 10	0	5 to 15		5 to 15	16	5 to 15	28
	Over 75 dB(A)	2	15 to 25		15 to 25	2	15 to 25	8
			> 25		> 25	0	> 25	0
M7_NCA16	0 to 10	0	0 to 5		0 to 5	37	0 to 5	96
	> 10	0	5 to 15		5 to 15	0	5 to 15	24
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA15	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA14	0 to 10	48	0 to 5		0 to 5	95	0 to 5	161
	> 10	0	5 to 15		5 to 15	74	5 to 15	140
	Over 75 dB(A)	1	15 to 25		15 to 25	8	15 to 25	15
			> 25		> 25	0	> 25	0
M12_NCA02	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
TfNSW_NCA16b	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA11	0 to 10	0	0 to 5		0 to 5	6	0 to 5	20
	> 10	0	5 to 15		5 to 15	0	5 to 15	1
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA10	0 to 10	0	0 to 5		0 to 5	0	0 to 5	4
	> 10	0	5 to 15		5 to 15	0	5 to 15	1
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA12	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Educational	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Childcare	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Industrial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Recreational - Active	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The recommended MWDs for cosmetic damage and human annoyance are presented in Table 4.

Table 4: Generic minimum working distances for cosmetic damage and human annoyance

Plant item	Reference	Minimum working distance, m			
		Cosmetic damage (screening criteria)		Human comfort (screening limit)	
		Heritage buildings	Non-heritage	Residential[1]	Non-residential[2]
Compactor / Wacker packer	RTA COMPAC_007	5	5	15	5

Notes:

1. Screening limit for residences, night time
2. Screening limit for offices, schools, educational institutions and places of worship (day or night)

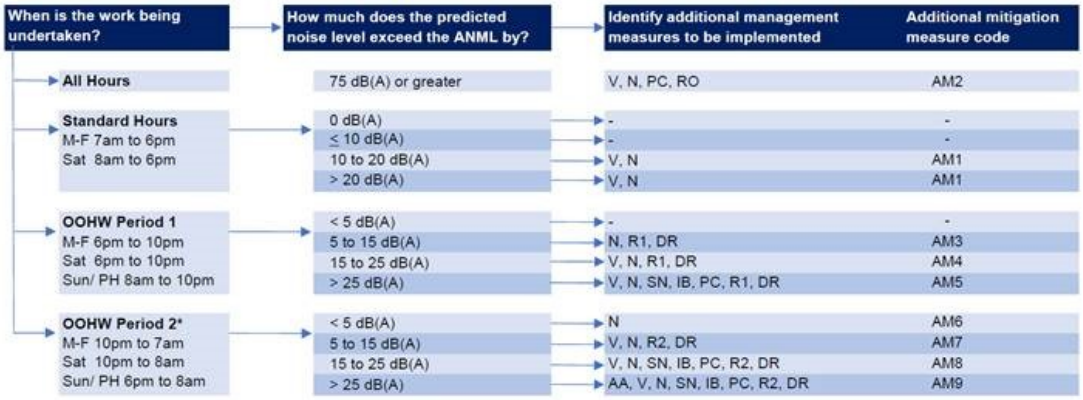
4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures



When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 5 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 5: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA13	113 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	80	-	80	80	88
M7_NCA13	111 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	76	-	76	76	84
M7_NCA13	34 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	72	-	72	72	80
M7_NCA16	4B KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61
M7_NCA16	10 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61
M7_NCA16	4A KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60
M7_NCA15	9 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA15	2 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49
M7_NCA15	38 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49
M7_NCA14	35 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	80	-	80	80	88
M7_NCA14	33 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	75	-	75	75	83
M7_NCA14	32 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	73	-	73	73	81
M12_NCA02	12 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	38	-	38	38	46
M12_NCA02	38 ATHLONE STREET, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	36	-	36	36	44
M12_NCA02	4 HAREWOOD PLACE, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	35	-	35	35	43

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
TfNSW_NCA16b	14, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	41
TfNSW_NCA16b	28, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	41
TfNSW_NCA16b	12, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	41
M7_NCA11	175 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58
M7_NCA11	1 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57
M7_NCA11	173 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA10	185 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	52	-	52	52	60
M7_NCA10	183 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57
M7_NCA10	181 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57
M7_NCA12	13, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52
M7_NCA12	3, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52
M7_NCA12	29, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52

4.3.3 Vibration monitoring

It is noted that the generic MWDs in Table 4 are taken from a database of vibration levels measured at various sites or obtained from other sources (e.g. BS5228-2:2009). They are not specific to these works as final vibration levels are dependent on many factors including the actual plant used, its operation and the intervening geology between the activity and the receiver.

Site specific MWDs for vibration significant plant items must be measured on site where plant and equipment are likely to operate close to or within the generic MWDs for both cosmetic damage and human annoyance. These site specific MWDs will then be included in Gatewave.

If works are likely to be within the generic or site specific MWDs, attended vibration monitoring is to be undertaken to verify that vibration levels comply with the vibration objectives described in the NVMP.

Additional monitoring for human annoyance from vibration would be carried out proactively and in response to vibration complaints.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 0 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

APPENDIX A Summary of works

A.1 Plant and equipment

Table 6: Plant and equipment schedule for work area: ALCA 20

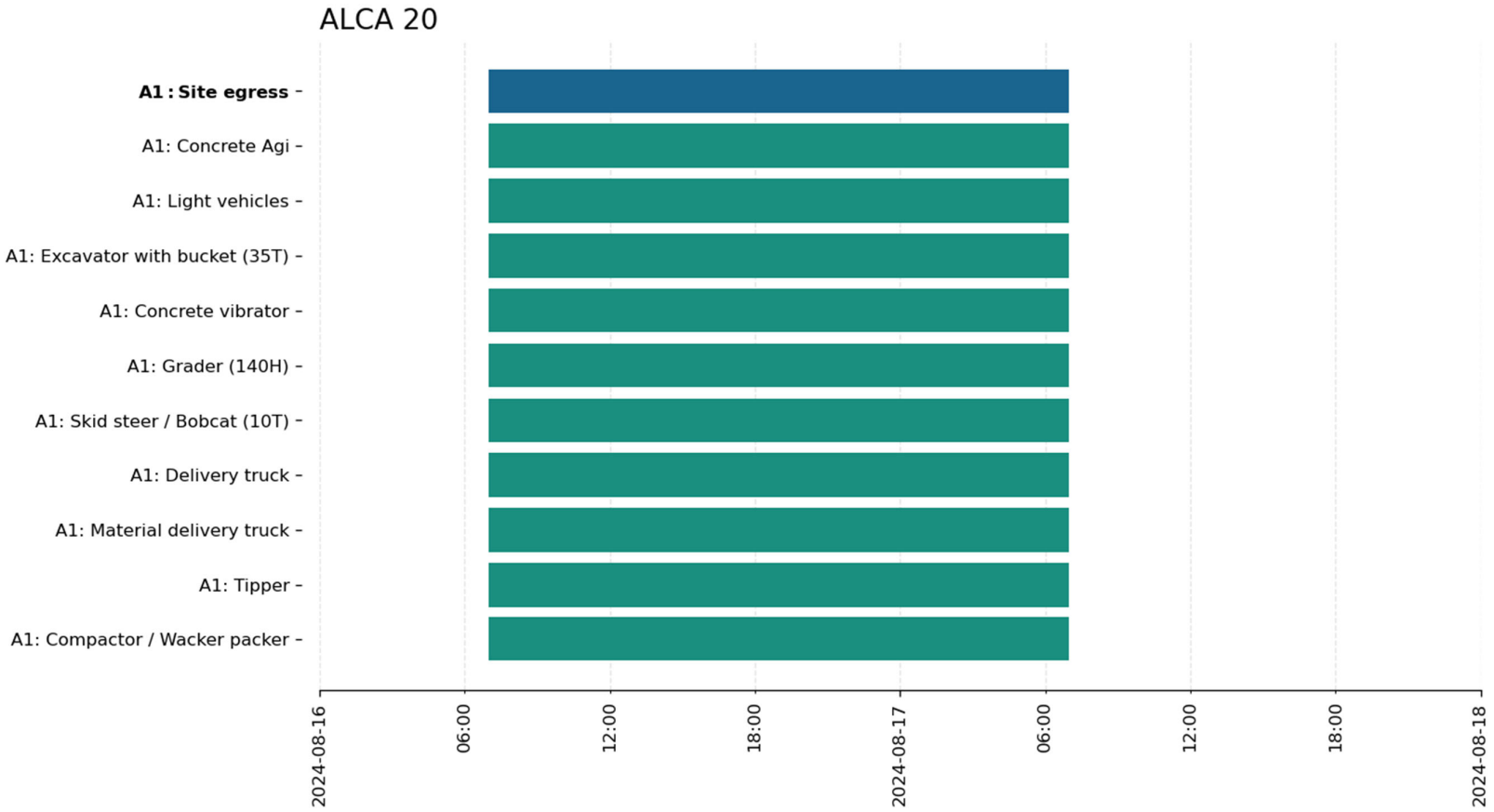
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Site egress								
Concrete Agi	-	1	100%	0	108	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Excavator with bucket (35T)	-	1	100%	0	108	112	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Concrete vibrator	-	1	100%	0	97	100	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Grader (140H)	-	1	100%	0	113	121	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Delivery truck	-	1	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Material delivery truck	-	1	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Tipper	-	1	100%	0	103	111	2024-08-16 07:00:00	2024-08-16 19:00:00

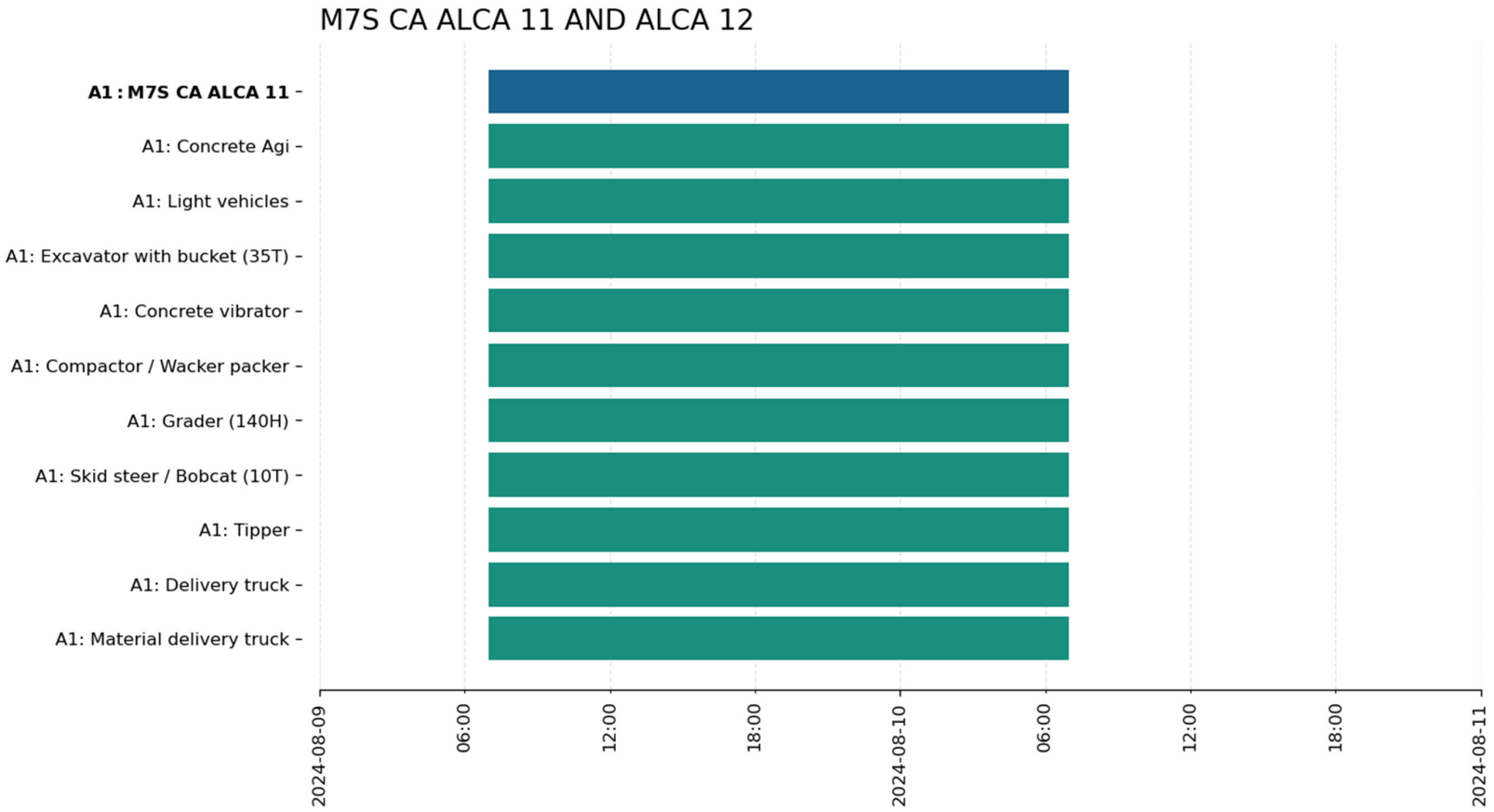
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Compactor / Wacker packer	-	1	100%	0	108	110	2024-08-16 19:00:00	2024-08-17 07:00:00
							2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00

Table 7: Plant and equipment schedule for work area: M7S CA ALCA 11 AND ALCA 12

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
M7S CA ALCA 11								
Concrete Agi	-	1	100%	0	108	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Excavator with bucket (35T)	-	1	100%	0	108	112	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Concrete vibrator	-	1	100%	0	97	100	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Compactor / Wacker packer	-	1	100%	0	108	110	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Grader (140H)	-	1	100%	0	113	121	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Tipper	-	1	100%	0	103	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Delivery truck	-	1	100%	0	106	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Material delivery truck	-	1	100%	0	106	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00


ALCA 20
A1 : Site egress
A1: Concrete Agi
A1: Light vehicles
A1: Excavator with bucket (35T)
A1: Concrete vibrator
A1: Grader (140H)
A1: Skid steer / Bobcat (10T)
A1: Delivery truck
A1: Material delivery truck
A1: Tipper
A1: Compactor / Wacker packer
2024-08-16
06:00
12:00
18:00
2024-08-17
06:00
12:00
18:00
2024-08-18


M7S CA ALCA 11 AND ALCA 12
A1 : M7S CA ALCA 11
A1: Concrete Agi
A1: Light vehicles
A1: Excavator with bucket (35T)
A1: Concrete vibrator
A1: Compactor / Wacker packer
A1: Grader (140H)
A1: Skid steer / Bobcat (10T)
A1: Tipper
A1: Delivery truck
A1: Material delivery truck
2024-08-09
06:00
12:00
18:00
2024-08-10
06:00
12:00
18:00
2024-08-11

APPENDIX B Detailed construction noise results

Table 8: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
35 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	80	-	80	80	88	AM1	-	AM1	AM9
113 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	80	-	80	80	88	AM1	-	AM1	AM9
111 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	76	-	76	76	84	AM1	-	AM1	AM9
33 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	75	-	75	75	83	AM2	-	AM5	AM9
32 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	73	-	73	73	81	AM2	-	AM4	AM9
34 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	72	-	72	72	80	-	-	AM3	AM8
31 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	72	-	72	72	80	AM2	-	AM4	AM9
109 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	70	-	70	70	78	-	-	AM3	AM8
29 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	70	-	70	70	78	AM2	-	AM4	AM9
1 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	69	-	69	69	77	-	-	AM3	AM8
32 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	69	-	69	69	77	-	-	AM3	AM8
98A-98C DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	68	-	68	68	76	AM2	-	AM4	AM8
103 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	67	-	67	67	75	-	-	AM3	AM8
105 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	67	-	67	67	75	-	-	AM3	AM8
27 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	67	-	67	67	75	AM2	-	AM4	AM8
12 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	66	-	66	66	74	-	-	AM3	AM8
30 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	66	-	66	66	74	-	-	AM3	AM8
24 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	65	-	65	65	73	-	-	AM3	AM7
18 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	65	-	65	65	73	-	-	AM3	AM7
None	Non-receiver	999	999	999	999	None	None	65	-	65	65	73	-	-	-	-
99 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	65	-	65	65	73	-	-	AM3	AM7
31 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	64	-	64	64	72	-	-	AM4	AM8
101 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	64	-	64	64	72	-	-	AM3	AM7
22 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	64	-	64	64	72	-	-	AM3	AM7
21 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	64	-	64	64	72	-	-	AM4	AM8
16 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	64	-	64	64	72	-	-	AM3	AM7
20 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	64	-	64	64	72	-	-	AM3	AM7
14 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	64	-	64	64	72	-	-	AM3	AM7
33 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	64	-	64	64	72	-	-	AM4	AM8
33 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	63	-	63	63	71	-	-	-	AM7
5 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	63	-	63	63	71	-	-	-	AM7
97 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	63	-	63	63	71	-	-	-	AM7
100 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	63	-	63	63	71	-	-	AM3	AM8
28 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	63	-	63	63	71	-	-	-	AM7
37 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	62	-	62	62	70	-	-	-	AM7
102 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
96A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
3 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	62	-	62	62	70	-	-	-	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
108 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
104 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
95 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	61	-	61	61	69	-	-	-	AM7
106 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	61	-	61	61	69	-	-	AM3	AM8
7 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	60	-	60	60	68	-	-	-	AM7
40 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	60	-	60	60	68	-	-	AM3	AM8
44 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	60	-	60	60	68	-	-	AM3	AM8
26 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	60	-	60	60	68	-	-	AM3	AM8
40 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	60	-	60	60	68	-	-	AM3	AM8
21 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	59	-	59	59	67	-	-	AM3	AM7
32 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	59	-	59	59	67	-	-	AM3	AM7
28 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	59	-	59	59	67	-	-	AM3	AM7
30 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	59	-	59	59	67	-	-	AM3	AM7
29 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	59	-	59	59	67	-	-	-	AM7
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	58	-	58	58	66	-	-	AM3	AM7
11 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	58	-	58	58	66	-	-	-	AM7
30 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	58	-	58	58	66	-	-	AM3	AM7
35 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	58	-	58	58	66	-	-	-	AM7
None	Non-receiver	999	999	999	999	None	None	58	-	58	58	66	-	-	-	-
107 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	58	-	58	58	66	-	-	-	AM7
38 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	58	-	58	58	66	-	-	AM3	AM7
9 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	58	-	58	58	66	-	-	-	AM7
29 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	58	-	58	58	66	-	-	AM3	AM7
63-65 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	58	-	58	58	66	-	-	AM3	AM7
24 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	58	-	58	58	66	-	-	AM3	AM7
13 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	58	-	58	58	66	-	-	-	AM7
17 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	57	-	57	57	65	-	-	-	AM7
31 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	57	-	57	57	65	-	-	-	AM7
27 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	57	-	57	57	65	-	-	-	AM7
22 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	57	-	57	57	65	-	-	AM3	AM7
28 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	57	-	57	57	65	-	-	AM3	AM7
16 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
49 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
19 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
28 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
47 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
85 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	56	-	56	56	64	-	-	-	AM7
64, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
21 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	56	-	56	56	64	-	-	-	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
18 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
20 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
81 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	56	-	56	56	64	-	-	-	AM7
10, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
24, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
8, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
34 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
79 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	55	-	55	55	63	-	-	-	AM6
12, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
36 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
4, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
25 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	55	-	55	55	63	-	-	-	AM6
18, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
30 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
26 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
83 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	55	-	55	55	63	-	-	-	AM6
87 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	55	-	55	55	63	-	-	-	AM6
116, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
40 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
36 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
19 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	55	-	55	55	63	-	-	-	AM6
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
9, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
38 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
118, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
17 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
11 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
26 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
16 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	54	-	54	54	62	-	-	-	-
14 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
26, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
37 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
41 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
45 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
46 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
46 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
120, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
35 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
23 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	54	-	54	54	62	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
93A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	54	-	54	54	62	-	-	-	AM6
14, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
39 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
7, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
15 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
2, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
20, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
22, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
30, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
32, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
34 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
36 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
40 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
5, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
51 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
25 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	54	-	54	54	62	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	54	-	54	54	62	-	-	-	-
28, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
16, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
6, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
31 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	53	-	53	53	61	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	53	-	53	53	61	-	-	-	-
122, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
30 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
49 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
42 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
43 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
44 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
92 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
25 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
9 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
37 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
61 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
124, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
128, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
4B KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
20 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	53	-	53	53	61	-	-	-	-
27 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	53	-	53	53	61	-	-	-	AM6
13 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
15, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
17, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
19 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
22 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
3, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
38 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
10 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
10 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
29 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	52	-	52	52	60	-	-	-	AM6
4A KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
1, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
126, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
29, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
33 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
185 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	52	-	52	52	60	-	-	-	AM7
136, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
28 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
60, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
45 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	52	-	52	52	60	-	-	-	AM6
5 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
2 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
12 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
130, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
2, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
3 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
1 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
132, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
47 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
67 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
134, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
31 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
33 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
34 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
42 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
6, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
26 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
33 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
41 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
51 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
22 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
31 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
4 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
4 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
2 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
59 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
43 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
61 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
65 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
33 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
59 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
1 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
14 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
16 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
29 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
37 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
7 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
39 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
45B ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	50	-	50	50	58	-	-	-	-
8, EBER AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
87, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
6 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
49 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
57 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
27 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
6 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
88 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
12 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
2 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
26 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
8 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
14 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
35 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
41 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
28 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
23 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
62, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
27 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	58	-	-	-	-
39 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
43A ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	50	-	50	50	58	-	-	-	-
16 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
13, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
75, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
10 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
18 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
31 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
36 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
175 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
89 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
10, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
20, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
24 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
38 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
32 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
24 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
32 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
45A ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	50	-	50	50	58	-	-	-	-
29B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
53 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
13 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
27 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
17 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
1 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
173 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
91 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	49	-	49	49	57	-	-	-	-
19 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
44 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
16 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
11, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
25 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
35 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
6 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
9 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
29A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
183 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57	-	-	-	AM6
68, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
23B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
29 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
3 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
32 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
4 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
5 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
181 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57	-	-	-	AM6
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
71 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
27 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
34 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
10 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
23 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
9 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
169 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
11 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
35 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
179 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57	-	-	-	AM6
177 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
1 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
73, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
34 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
73 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	49	-	49	49	57	-	-	-	-
3 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
4, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
86 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
14 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	49	-	49	49	57	-	-	-	-
25 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
5 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
167 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
23 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
6 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
82 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
18 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
23 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
75 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
70, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
13 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
19 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
3 ELTHAM PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
69 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
12, MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
4, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
90 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
2 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
21 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
24 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	-
35 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
8, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
8, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
16B RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
17 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
18, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
11 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
19 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
76 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
16 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	-
16A RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
24 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
4 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	-
163 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
14, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
18 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
26 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	-
12 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
13 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
28 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
5 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
55-57 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
15, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
30, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
33 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
72, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
81, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
24A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
37 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
55 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
13 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
14 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
20 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
24B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
25 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
105, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
59 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
91, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
1 ELTHAM PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
157, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	-
101, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
24, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
25 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
25 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
9 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
21A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
8 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
77 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	47	-	47	47	55	-	-	-	-
16 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
18 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
23, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
3 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
12 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
17B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
28 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
8B RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
161 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
16, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
24 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
28, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
4 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
50, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
19 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
24 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
26 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
16 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	-
41 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
9 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
13 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
49 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
15 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
5 ELTHAM PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
6 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
7 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
171 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
15 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
19 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	-
29 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
3 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
8 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
22 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
145, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	47	-	47	47	55	-	-	-	AM6
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	47	-	47	47	55	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	-
1A VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
31 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
14 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
14 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
20 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
5 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
149, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	46	-	46	46	54	-	-	-	-
11 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
2 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
22, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
36 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
63, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
86, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
39 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
67 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
18 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
21 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
51 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
13 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
21 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
141, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	46	-	46	46	54	-	-	-	-
14 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
29 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
4 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
61 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	46	-	46	46	54	-	-	-	-
11 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
11 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
1 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
32, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
8 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
82, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
11 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
2 ELTHAM PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
22 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
3 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
61B FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
6B TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
23 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
32 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
45 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
18 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
18 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
4A LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
19 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
41 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
95, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
137, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	46	-	46	46	54	-	-	-	-
8, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	46	-	46	46	54	-	-	-	-
11 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
17 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
20 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
25 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
7 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
7 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
106, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
165 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
26 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
3 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
6 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
7 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
71, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
99, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
13 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
20 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
4B LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	46	-	46	46	54	-	-	-	-
19 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
31, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
15 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
4 SAXON PLACE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	46	-	46	46	54	-	-	-	-
7 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
11 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
17 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
17 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
17, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
57 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
9 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
15 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
18 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	46	-	46	46	54	-	-	-	-
19 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	46	-	46	46	54	-	-	-	-
13 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
12 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
20A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	46	-	46	46	54	-	-	-	-
23, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
5 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
64, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
72 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
8 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
89, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
14 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
133, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	45	-	45	45	53	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
17 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
4 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
6 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	-
67, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
74 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
79, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
13 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
37 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
7 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
103, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
8 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
80 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
86, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
16 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
147, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	-
159 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
21, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
23 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
4 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
58, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
66 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
7 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
12 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	-
21B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
1 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
1, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
13, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
39 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
4, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
5 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
7, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
26 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
129, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	45	-	45	45	53	-	-	-	-
2 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
30 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
77, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
12 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
17 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
5 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
8 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
114, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
25, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
26 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
2 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
24 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
29 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
35, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
80, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
90, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
14 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
145, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	-
153, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	45	-	45	45	53	-	-	-	-
26 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
27 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
30 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
10 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
17 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
63 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	45	-	45	45	53	-	-	-	-
35, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
8A SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
153 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
71 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	45	-	45	45	53	-	-	-	-
1B VIDAL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	-
24 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
41 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
60, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
7 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
22 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
5 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
6B RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
125, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
157 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
15 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
17, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
3, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
125, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
18, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
96, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
27 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
68 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
1 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
45 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
157, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
37 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
37 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
51 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
9 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
8 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
121, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
25 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
31 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
44, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
5 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
54, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
20-22 KENSINGTON CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
27 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
8 LONDON COURT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
10, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
13, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
10 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
12 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
19 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
9 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
23A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
59B FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
133, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
4, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
17 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
6 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
117, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
14 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
20 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
39 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
52, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
53 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
69, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
4 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
3, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
24, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
31 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
6 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
2B RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
75 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
117, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
12 VIDAL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
18 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
19 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
28 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
35, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
49 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
8 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
85, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
9 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
11B STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
43 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
100, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
102, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
9, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
21 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
7 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
8 SAXON PLACE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
102, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
12, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
20, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
29, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
5, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
14 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
15 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
18 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
7 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
17A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
6 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
113, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
93, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
135 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
11, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
19, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
22A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-
24, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
3, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
5B ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
45, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
48 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
13 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
21, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
3 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
3 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
5, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
6 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
27 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
112, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
28, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
11, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
17 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
22 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
35 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
4 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
7 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
4 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
54 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
109, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	43	-	43	43	51	-	-	-	-
1 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
2, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
43, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
55 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
60 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
49 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
11 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
11 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
13 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
16, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
22 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
3 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
7 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
8, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
1 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-
13, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
2, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
42 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
84, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
27 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
15 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
18 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
22, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
23 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
12 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
16 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
55 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
15, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
11 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
30, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
56, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
10 RICHMOND CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-
105, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
296, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
9, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
19, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
23, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
37 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
97, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
14 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
73 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
115, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-
139 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
2, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
16, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
17 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
26 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
143 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
20 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
32 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
53, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
1 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
5 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
6A RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
101, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	42	-	42	42	50	-	-	-	-
12, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
10 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
10, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
21 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
26, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
29 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
7 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
47 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
93, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
14, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
33, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
12 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
22, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
11A STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
6A TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
97, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	42	-	42	42	50	-	-	-	-
150 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
17, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
40, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
7, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
83, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
2 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
2 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3A TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
4 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
5A ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
4, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
20 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
21, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
12 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
48 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
12 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
21 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
27 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
94, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
12, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
13 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
20 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
4 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
47 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
5 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
51, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
22 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
34 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
11, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
14 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
14 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
22A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
24, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
30 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
36 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
1 ELTHAM PLACE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
17, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
21 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
26, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
35 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
51B FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
7 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
90, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
41, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
10 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
2 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
26, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
29, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
5, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
1 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
4 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
92, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
25, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
7, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
8, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
1 BENTWING AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
10 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
13 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
16 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
30, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
33 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3 LONDON COURT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
8 LONDON COURT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
8 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
95, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	41	-	41	41	49	-	-	-	-
141 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
44, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
9 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
1 A, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
12 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
15 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
25, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
11 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
13 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
8A RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
3, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
40 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
88, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
21, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
1 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
11, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
2 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
38 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
61A FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
14, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
58 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
1 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
3 SAXON PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
91, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	41	-	41	41	49	-	-	-	-
95, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	41	-	41	41	49	-	-	-	-
14, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
21 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
32 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
46 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
86, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
39, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
41, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
6, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
10 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
16 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
7 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4 RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
62 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
9 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
133 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
15 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
19 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
44 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
46, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
5, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
50 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
8, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
12, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
19, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
30, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
43, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
13, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
19, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
5 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
6, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
24, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
41, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
7, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
31 A, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
12, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
7 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
19 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
23 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
3 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
2 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
3B TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
110, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
52 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
54 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
36 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
9, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
14, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
18, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
43A ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
5 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
77 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
155 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
32, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
10, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
5, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
17 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
22 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
47, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
93, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
21 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
53 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
13, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
38 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
40 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
13, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
69, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
38 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
56 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
65, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
3 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
10A TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
1 A, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
127 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
147 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
23, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
32 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
48, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
54, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
18, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
35 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
37, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
8 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
2 TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
137 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
20 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
30 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
35 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
4, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
43, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
41, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
50, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
15 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
23, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
34 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
50 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
12, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
34 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
46, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
82, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
52, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
12 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
3 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
51 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
63 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
11, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
141 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
145 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
160 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
18 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
31 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
8, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
36 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
12, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
15 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
16 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
21 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
23 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
27, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
33 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
97 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
12 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
149 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
48, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
40, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
21, JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Under construction	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
32 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
1 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
3 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
4 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
7 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
4 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
58 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
139 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
26 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
29 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
42 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
44, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
10, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
24 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
33, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
8 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
82, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
22, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
27 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
10, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
10, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
137 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
151 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
7, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
32 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
40, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
47, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
10 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
26 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
38 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
8 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
1 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
7 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
55, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
57, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
108, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
135 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
157 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
24 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
30 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
24, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
26, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
45, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
10 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
15 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
135 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
12, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
13, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
133 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
22 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
3, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
38, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
33, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
125 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
13 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
21 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
26 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
59A FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5A ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
23 GABRIELLA AVENUE, CECIL HILLS, NSW	Childcare	50	50	50	50	None	None	40	-	40	40	48	-	-	-	-
3, DONN STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
16, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
19, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
24, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
8, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
9, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
9, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
18, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
19 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
19 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
55, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
1 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
10 MAUD CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
11 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
13 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
7 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
24 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
38 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
7 CARLTON ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
127 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
22, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
28, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
31, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
17, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
32 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
42, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
10, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
2 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
22 ST GEORGES CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
19 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
4 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
9, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
21, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
5, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
9, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
15 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
17, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
70, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
31 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
32 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
2 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
25, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
46 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
87, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
10, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
152 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
18 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
34, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
6, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
76, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
32 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
18 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
20B FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
4 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
109 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
3 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
48 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
57 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
11, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
154 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
22 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
23 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
30, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
74, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
25 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
3 B, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
35, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
37, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
60, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
13 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
18, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3 BENTWING AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
46, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
101 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
2 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	39	-	39	39	47	-	-	-	-
7, BURLINA CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
83, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
129 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
72, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
64, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
7, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
10 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
14 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
14, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
8, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
103 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
4 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
99 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19 ST GEORGES CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
56 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
109 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
131 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
18 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
9, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
16, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
14, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
20, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
33 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
9 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
105 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
47, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
48 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	39	-	39	39	47	-	-	-	-
7 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
97 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
31, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
17, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
70, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
8 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
10 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
3 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
61, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
10 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
107 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
14 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
16 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
52 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
9 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
129 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
40, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
68, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
39, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
4, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
46, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
5, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
56, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
6 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
17 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
2, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
1 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
109 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
15 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
16 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
28, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
30, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 MAUD CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
51A FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
12, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
20 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
6, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
25 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
29, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
29 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
32, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
34, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
36, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
10 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
2A RICHMOND CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
20, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
20, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
26, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
40, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
48, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
10 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
30 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
111 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
33 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10B TUDOR CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
11 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
22 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
1, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
35 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
11 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
11 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
12 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
12 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
49, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
16 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
73, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
21, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
66, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
20 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
23, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
32, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
16 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
101 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
117-119 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
19 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	38	-	38	38	46	-	-	-	-
9 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10 ST GEORGES CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
15 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
16 STIRLING STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
43 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
11 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
23, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
27, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
28, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
31, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
64, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
300, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
11, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
9 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
12 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
14 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
7 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
8 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
14 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
41 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
44 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
7 ELANORA PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
65, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
12, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
16 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
5, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
22 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
105 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
111 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
113 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
15 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
40, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
43, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
68, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
84, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
11 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
12 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
7 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
22, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
5, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
9, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
34 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
23 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
57, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
8, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
1 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
9 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
1, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
19 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
1 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
107 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3 MAUD CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
43, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
77, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
125 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
44, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
58, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
60, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
119 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
121 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
131-133 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
15 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18 BIRGITTE CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
22B BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
25 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
65 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
8 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10A HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
15, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
36 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
36, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
38, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
49, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
11, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
23 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
109 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
131-133 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
137 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
19B GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
46 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
26 HANOVER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
30 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
45, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
12 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	38	-	38	38	46	-	-	-	-
38, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
44 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
39, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
48, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
31 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
1 CHARBRAY LANE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
115 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
21 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
30 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
8, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
15 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
16 ST GEORGES CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
7 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
121 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
155 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
21, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
34, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
23, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
26 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
28 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
7 TUDOR CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
17, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
34, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
36 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
44, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
51, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
12, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
14, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
27 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
3 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
34 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
12 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
123 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
127 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
19 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
1B LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
22 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
72, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
9 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
10 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
14, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
26, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
36, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
23, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
4, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
11 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
35 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
40 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
42 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
44 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
46 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6 ELANORA PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7 LONDON COURT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
1 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
158 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
17, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
27, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
35, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
25 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
25 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
5, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
12, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
28, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
141 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
43, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
49, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
23 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
49, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
25 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
10 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
11 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
115 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
121 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13 GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
17 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
25 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	37	-	37	37	45	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	37	-	37	37	45	-	-	-	-
76, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
8 MAUD CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
9 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
5 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
9, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
12 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
62, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
8 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
99 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
25, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
40, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
11 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
32, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
76, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
12 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
129 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4 MAUD CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
45, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	37	-	37	37	45	-	-	-	-
52 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
8 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
82, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
11 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
12 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
16, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
32, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
5 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
1, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
31, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
43, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
11 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
36, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	37	-	37	37	45	-	-	-	-
53, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6 MAUD CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
29, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
11 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
21, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
30 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
31, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
41, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
139 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
51, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
53, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
2 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
58, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
10 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
33, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
5, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
80 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
2 MAUD CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
16, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
27, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
29, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
37, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
47 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
51, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
139 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
30, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
38 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
2, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
62, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
66, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
4, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
24, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
26 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
34 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
14, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
14, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
304, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
38, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
27, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
78, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
10 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
35, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
36, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
37, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
10 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
10 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
19, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
21 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
25 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
123 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
20 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
16 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
20, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
22, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
29, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
4 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5 ELANORA PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
38, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
8, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
16, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
24 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
74, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
24 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
27, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 ELANORA PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
33, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
30, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
47, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
23, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
6, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
13, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
17 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
17, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
38 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
22 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
25, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
46 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
12, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
51, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
21, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
29, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
49, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
70, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
13 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
10 B, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
298, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
31, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
12, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
14 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
19, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
25, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
45, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
13 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
17, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
27, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
31 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
6 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
19, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
22 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
6 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
10 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
25, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
6 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
23, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
15, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
21 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
23, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
25, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
111 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
23 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
66, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
15, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
17 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18-20 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
48, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
1 B, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
14, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
3, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
34, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
7, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
13 BIRGITTE CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
17 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
23, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
12 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
13, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
20 TOULOUSE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
4, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
6, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7B ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
123A MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
95 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
13 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 B, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
4 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
1 STIRLING STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
13, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
32 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5 ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
38 ATHLONE STREET, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	36	-	36	36	44	-	-	-	-
1, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
125 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
22, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
97 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
12 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
1, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
10 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
16 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
45, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
49, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
16 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
17, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
52, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
302, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
1, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
26 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
24 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
27 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
2, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
40 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
8, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
103 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
117 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
12, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
10, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
11, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
27, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
36 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
46, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9 ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
34, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
19, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
25, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
35 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
58 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
1 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
19, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
42, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
44, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
51, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
53, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
19 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
12, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
13, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
27 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
18 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
12, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
14, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
23, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
25, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
32, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
36 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
39, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7 TUDOR CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
105 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
137 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
18, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
2 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
40, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
4, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
11 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
13 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
20 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
26 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
28 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
30 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
10 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
12, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
14, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
24, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
37, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
39, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
290, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
11, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
12, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
13 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
10 A, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
18, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
20, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
35, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
44 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
8, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
101 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
11, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
13, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
14, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
156 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
17, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
32 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
34 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
14, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
9 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
11, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
13 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
14 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
34, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
52 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
52, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
107 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
145 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
153 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
32 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
1, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
2 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
20 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
26 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
31, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
34 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4 KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
40, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4 HAREWOOD PLACE, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	35	-	35	35	43	-	-	-	-
11, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
24, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
12 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
12, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
13 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
17, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
17, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
23, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
26, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
29, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
38, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
41, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7, KINTYRE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
8, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
19, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	34	-	34	34	42	-	-	-	-
7 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
12 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
31, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
23 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
52 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 NELORE AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
8, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
10, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
19, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
22, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
27 A, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
27 B, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
28, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7A ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
8 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
111 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
17 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
60, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
13, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
44, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	34	-	34	34	42	-	-	-	-
12, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
20, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
25 A, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
25 B, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
26, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
4, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
47, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
48 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
8, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
8, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
14 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
147 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
16 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
26, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
3 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
37 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
42, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
9 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
18, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
23, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
30 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
33, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
36, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
7 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
9 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
113, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
2 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
37, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
15 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
76, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
13, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
17, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
18, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
18, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
26 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
30, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
41, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, ARAGON STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
8 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
81, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	34	-	34	34	42	-	-	-	-
143 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
9, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
24 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
8 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
12 STIRLING STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
20, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
32 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
43, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
45, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
50 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
115 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
50, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
49 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
59, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
16 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
36 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
11, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
13, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
16, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
17, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
33, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
35, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
39, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
42 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
9, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
113 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
25 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
33, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
105, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
16, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
23, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
40 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
43, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
8, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
1 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
12, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
33 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
11, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
15, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
4, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
13, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
19 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
5, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
13, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
8 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
15 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
2, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
24 HANOVER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
47, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
40 ATHLONE STREET, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	34	-	34	34	42	-	-	-	-
10 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
6, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
12, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
11, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
17 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
62, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
12 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
46 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
123 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
13 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
34, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
12 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
15 BIRGITTE CRESCENT, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
2 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
78, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
12 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
30 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
11, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
17 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
4, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
18 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
131 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
4, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
292, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
25, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
3, AMELIA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
35, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	41	-	-	-	-
28, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	41	-	-	-	-
11 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
12 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
27 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
28 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
16, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
45, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
31 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
15 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
20 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
8 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
13 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
15, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
17, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
8 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
25, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
13 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
29 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
1 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
20 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
4, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
10 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
18 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
24 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
31 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
4 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
56, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
7, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
15, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
39, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
129 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
16 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
1B WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
34 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	33	-	33	33	41	-	-	-	-
19 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
37 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
7, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
7, KINTYRE STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
10 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
10, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
1A WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
37 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
5 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
11 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
17 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
22, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
28 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
1 A, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
48, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
94, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
21 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
5, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
2 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
27 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
54 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
80 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
18, BATTENBERG CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
12, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	41	-	-	-	-
22, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	33	-	33	33	41	-	-	-	-
121 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
19 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
26 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
22, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	40	-	-	-	-
2 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
23 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
119 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
2, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
22 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
24 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
33 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
33 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
19, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
5, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
13, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
13, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
90, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
127 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
64, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16 HENRIETTA CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
28 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	40	-	-	-	-
18, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	40	-	-	-	-
20, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	40	-	-	-	-
22, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	40	-	-	-	-
26, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	40	-	-	-	-
12 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
23 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
9, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11B GABRIELLA AVENUE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
37, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
39 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
14 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
154 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
25 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
16, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
41, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16 BENEDICT CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
18 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	32	-	32	32	40	-	-	-	-
8 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
9 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
17, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
24, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
27 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
9 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
21, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
32, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
7 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12 BATTENBERG CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
24, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	32	-	32	32	40	-	-	-	-
10, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
115, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
19, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
23 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
28, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
3, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
4, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
2 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
21 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
111, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
48 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
33 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
27 B, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
12, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
23, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
26, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
37 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
294, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
41, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
11 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
22, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
22, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
13 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3 JEREMY WAY, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
30 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
34 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
36, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	39	-	-	-	-
103, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
20, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
12 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
17 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
18, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
2, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10 NELORE AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
23 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
80 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
1, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
10 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
148 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
22, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
24, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
3 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	31	-	31	31	39	-	-	-	-
5 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
139 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
14, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
18, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
28 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
18, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
22 BATTENBERG CLOSE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
24, RICHARD CRESCENT, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	39	-	-	-	-
61, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	31	-	31	31	39	-	-	-	-
3 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
7, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
8, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
21 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
48 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
60, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
80 A, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
101, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
107, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
18 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
33 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
30, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
146 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
2, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
29 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
32, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
12 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
37, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
13 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	31	-	31	31	39	-	-	-	-
109, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
6, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
34, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
115, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
25, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
5 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
11 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
47, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
15 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
101, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
12 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
13 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
21 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
5 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
9, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
30 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
9 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
103, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
12, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
150 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
152 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
24, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
40, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
23, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
21, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
51, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	30	-	30	30	38	-	-	-	-
14, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
16, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
46, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
9, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
27, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
111, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
20, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
27 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
29 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
32, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
36, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
1 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
16, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
34, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
6 ANJOU CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
11 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
5 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
7 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
28, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
42, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
18, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
10, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
12 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
38, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
9 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17, INVERNESS CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
1 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
10 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
12, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
38, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 BATTENBERG CLOSE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
28 RENE PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
3 EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	30	-	30	30	38	-	-	-	-
13, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
18 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
4, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
3, HENRIETTA CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
4, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	37	-	-	-	-
14, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
20 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
11 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
11 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
12, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
13 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
23 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
24 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
20, FEODORE DRIVE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	37	-	-	-	-
10, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
4, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
7 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	37	-	-	-	-
7 JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
1 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
9 PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	37	-	-	-	-

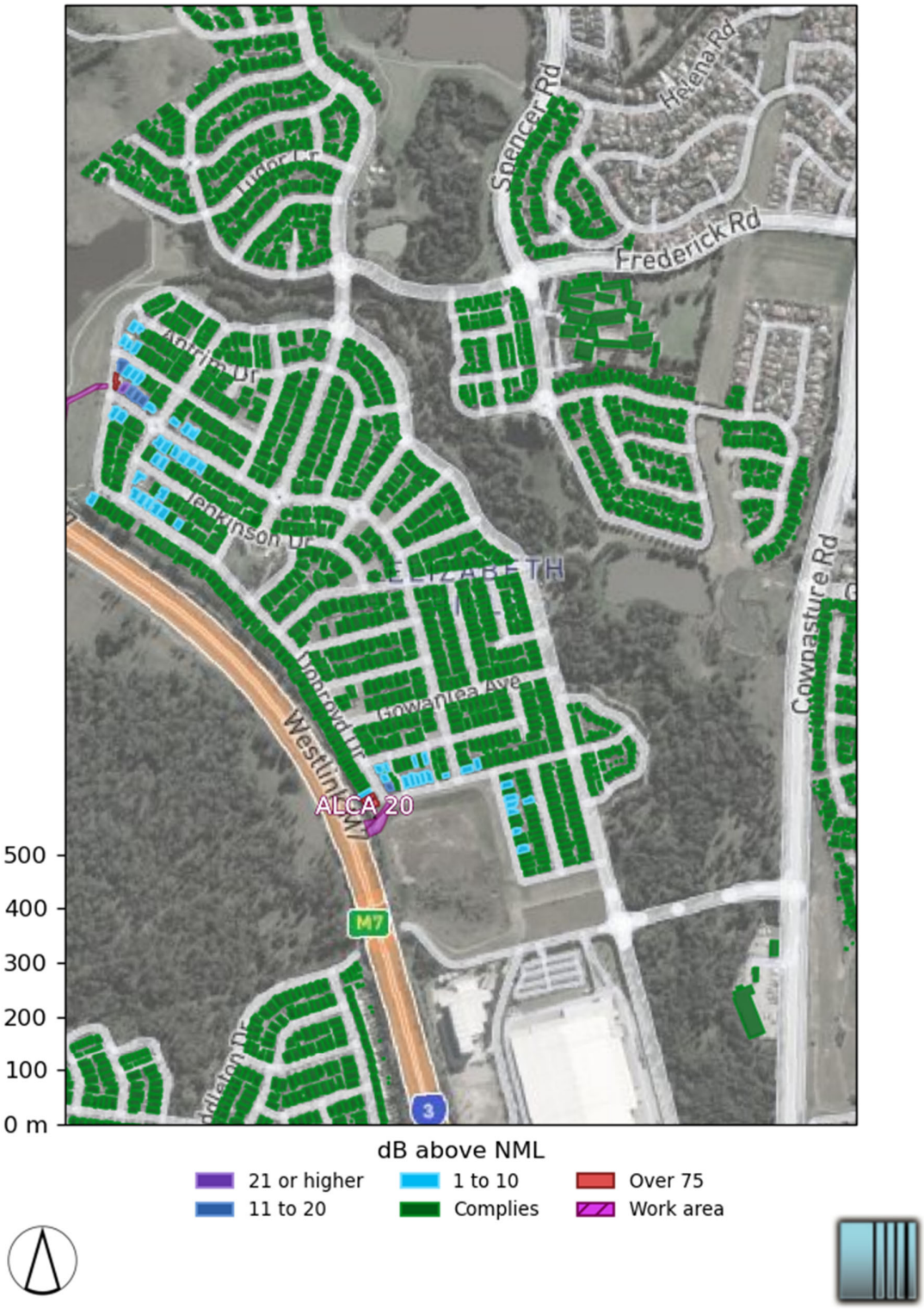
Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
35 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
4 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
66, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
21 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
25 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
6, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	29	-	29	29	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
12, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
144 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
13, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 TUDOR CRESCENT, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
31 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
35 FEODORE DRIVE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11, PHILIPPA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	36	-	-	-	-
10, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
6, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
64, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
105, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
105, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
113, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
15 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
3 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
6 ULSTER STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
146 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
5, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
10, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
140 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
4, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	28	-	28	28	36	-	-	-	-
43, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
142 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
12, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
12, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
21, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
3 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
5 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
16 ULSTER STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
20, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
22 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
3, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
6 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
2, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	27	-	27	27	35	-	-	-	-
16, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
14 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
154 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
21 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
148 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
4 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
44, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
6, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
9, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
10 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
152 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
12 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
4, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
5, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
47, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
19 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
8 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
18, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
22, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
24 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-

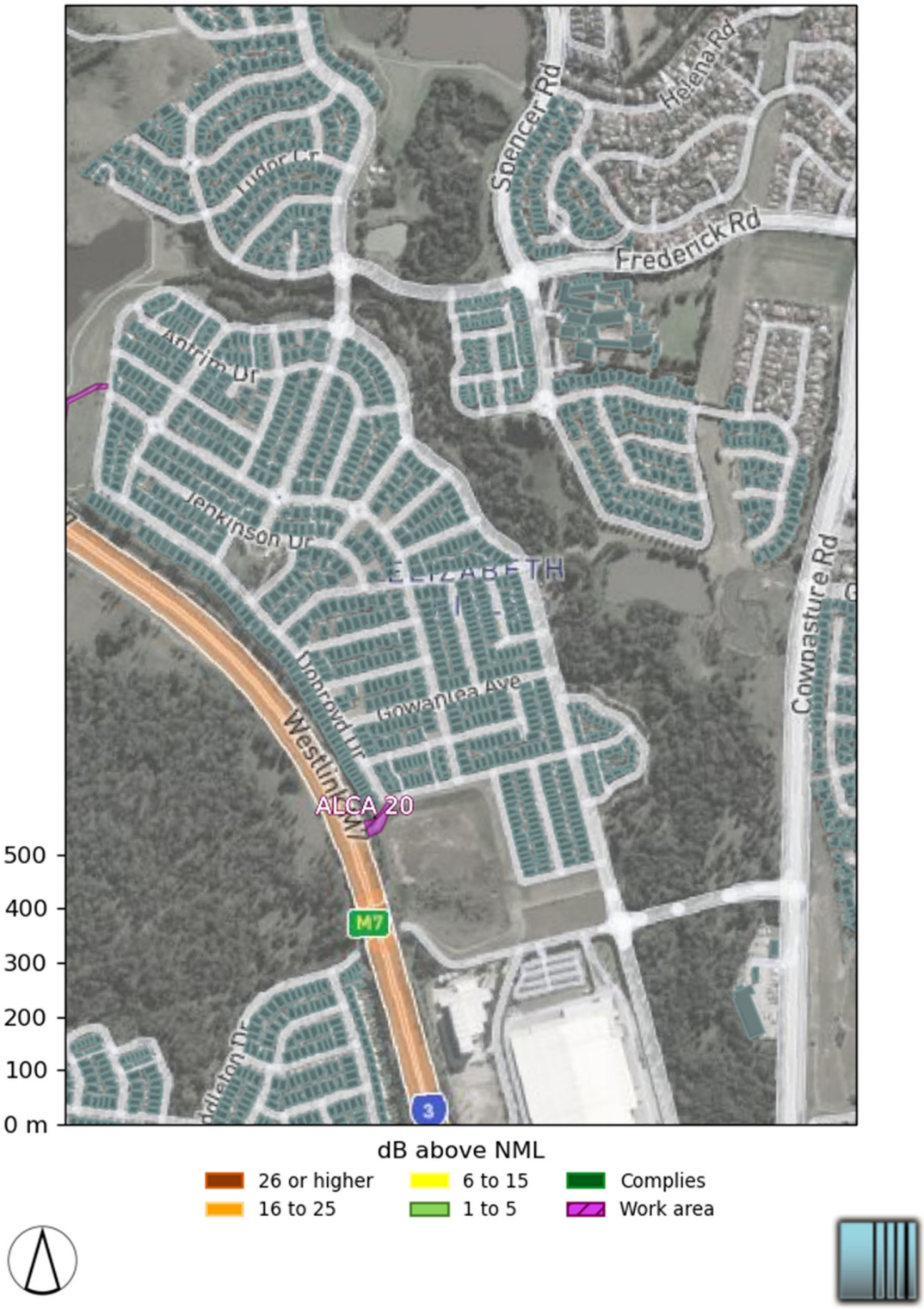
Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
11 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
150 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
11, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
11, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
41 FEODORE DRIVE, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
11, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
24 SPENCER ROAD, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
109, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
4, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
8, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
10, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
140 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
21, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
31, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
24, ORLEANS CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
4, ARAGON STREET, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
15 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
17 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
31 B, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
5, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
4, JAQUETTA CLOSE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	25	-	25	25	33	-	-	-	-
8, EDMUND PLACE, CECIL HILLS NSW 2171	Residential	58	53	50	43	55	65	25	-	25	25	33	-	-	-	-
24, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
18 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
32, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
18, CLEMENTINA CIRCUIT, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
19 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
34 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
10, JAQUETTA CLOSE, CECIL HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	22	-	22	22	30	-	-	-	-
3, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	22	-	22	22	30	-	-	-	-
7, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	21	-	21	21	29	-	-	-	-

APPENDIX C Noise level above nominated target

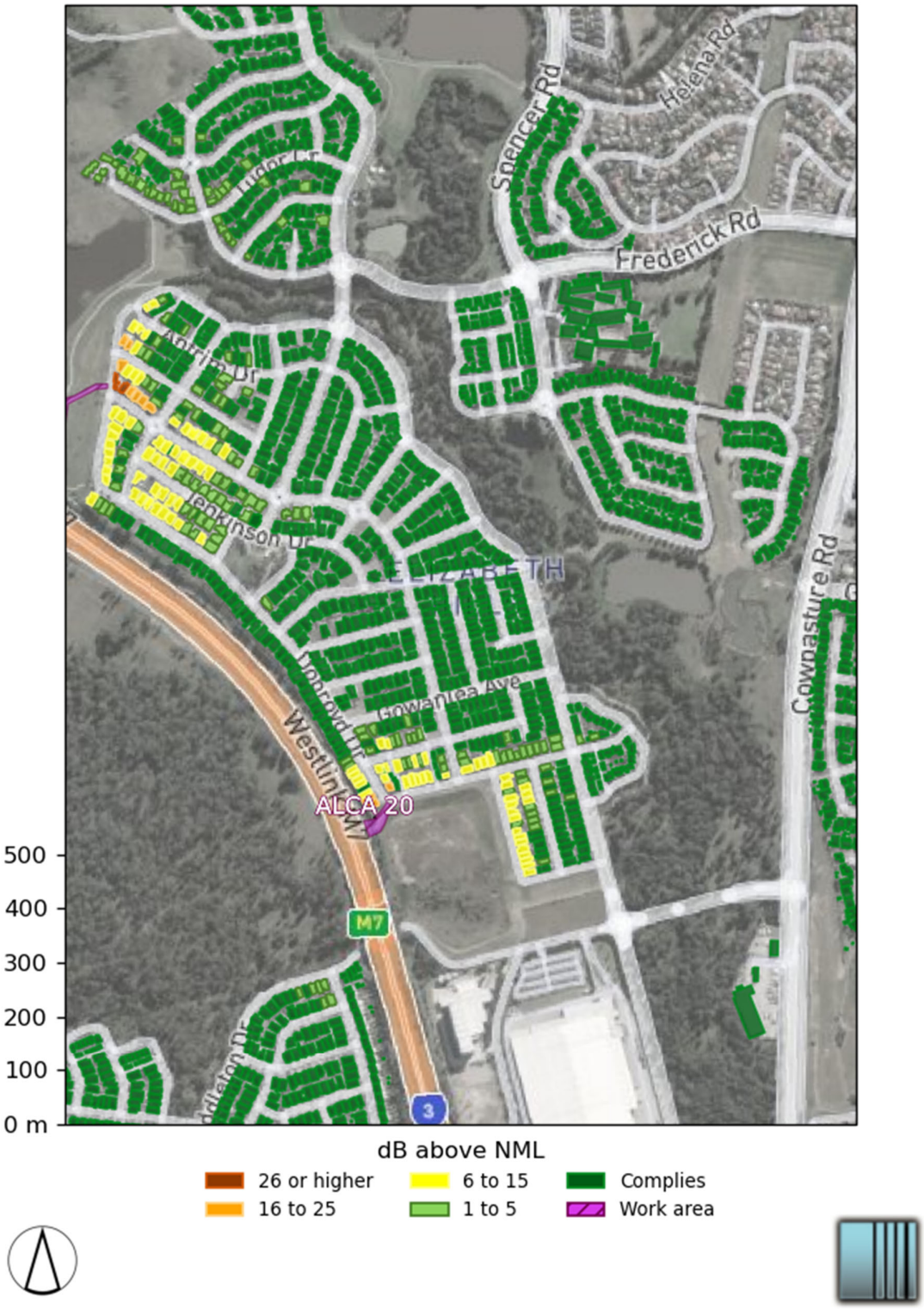
Noise level above NML Day (area 1 of 1)



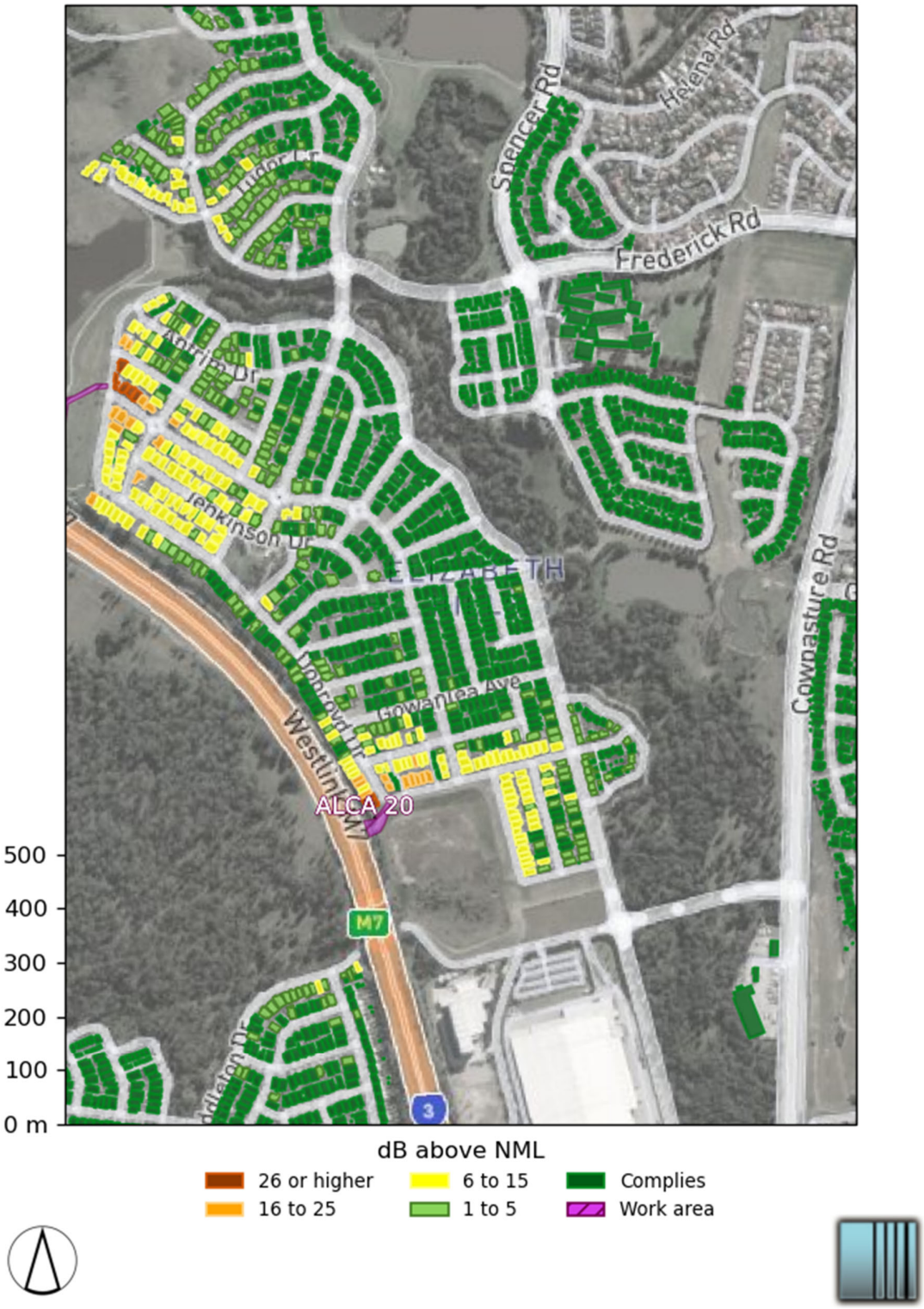
Noise level above NML Day (OOH) (area 1 of 1)



Noise level above NML Evening (area 1 of 1)



Noise level above NML Night (area 1 of 1)



09 August 2024

2024-08-09_TN188-04 M7S CA ALCA 15 - ID TN188_1498.docx

John Holland

[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **M7S CA ALCA 15** (Gatewave ID TN188_1498)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JOHN HOLLANDRP-M7A-EN-PLN-00000_M12East_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

If there are any vibration intensive plant and equipment, the recommended minimum working distances (MWD) are presented in Table 4.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
M7S CA ALCA 15								
Material delivery truck	1	-	1	1	106	111	-	-
Excavator with bucket (35T)	1	-	1	1	108	112	-	-
Drill Rig	1	-	1	1	106	116	-	-
Water cart	1	-	1	1	104	107	-	-
Delivery truck	1	-	1	1	106	111	-	-
Piling Rig - bored	1	-	1	1	107	116	-	-
Mobile crane (20t-250t)	1	-	1	1	104	108	-	-
Light vehicles	1	-	1	1	89	100	-	-
Concrete Agi	1	-	1	1	108	111	-	-
Concrete pump	1	-	1	1	103	107	-	-
Tipper	1	-	1	1	103	111	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in **orange** are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 3. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 5. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
M7_NCA11	0 to 10	3	0 to 5		0 to 5	3	0 to 5	13
	> 10	0	5 to 15		5 to 15	6	5 to 15	6
	Over 75 dB(A)	0	15 to 25		15 to 25	4	15 to 25	6
			> 25		> 25	0	> 25	0
M7_NCA07	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA13	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA12	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA10	0 to 10	0	0 to 5		0 to 5	3	0 to 5	15
	> 10	0	5 to 15		5 to 15	0	5 to 15	5
	Over 75 dB(A)	2	15 to 25		15 to 25	2	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA14	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA08	0 to 10	0	0 to 5		0 to 5	0	0 to 5	46
	> 10	0	5 to 15		5 to 15	0	5 to 15	7
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA09	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Recreational - Active	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Place of Worship	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Educational	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Childcare	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Commercial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Industrial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The recommended MWDs for cosmetic damage and human annoyance are presented in Table 4.

Table 4: Generic minimum working distances for cosmetic damage and human annoyance

Plant item	Reference	Minimum working distance, m			
		Cosmetic damage (screening criteria)		Human comfort (screening limit)	
		Heritage buildings	Non-heritage	Residential[1]	Non-residential[2]
Drill Rig	RTA DRILL_010	10	5	20	10
Piling Rig - bored	RTA CRANE_024	10	5	20	10

Notes:

1. Screening limit for residences, night time
2. Screening limit for offices, schools, educational institutions and places of worship (day or night)

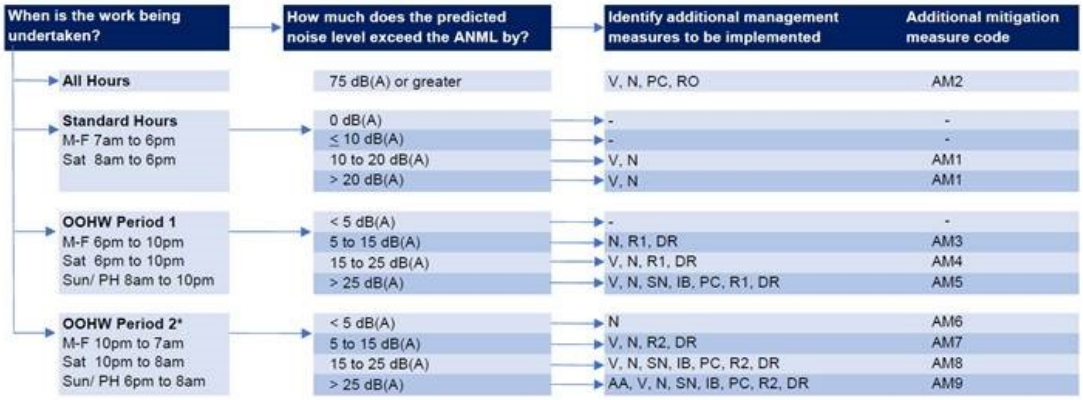
4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures



When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 5 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 5: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA11	54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	73	-	73	73	81
M7_NCA11	52, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	68	-	68	68	76
M7_NCA11	56, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	66	-	66	66	74
M7_NCA07	32, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	39	-	39	39	47
M7_NCA07	30, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	39	-	39	39	47

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA07	28, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	39	-	39	39	47
M7_NCA13	113 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	38	-	38	38	46
M7_NCA13	105 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	37	-	37	37	45
M7_NCA13	111 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	36	-	36	36	44
M7_NCA12	1, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45
M7_NCA12	31 A, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45
M7_NCA12	29, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA10	51, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	78	-	78	78	86
M7_NCA10	55, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	77	-	77	77	85
M7_NCA10	57, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	61	-	61	61	69
M7_NCA14	98A-98C DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46
M7_NCA14	96A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA14	48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44
M7_NCA08	3, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58
M7_NCA08	86, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58
M7_NCA08	66, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58
M7_NCA09	14, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44
M7_NCA09	7, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA09	1, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44

4.3.3 Vibration monitoring

It is noted that the generic MWDs in Table 4 are taken from a database of vibration levels measured at various sites or obtained from other sources (e.g. BS5228-2:2009). They are not specific to these works as final vibration levels are dependent on many factors including the actual plant used, its operation and the intervening geology between the activity and the receiver.

Site specific MWDs for vibration significant plant items must be measured on site where plant and equipment are likely to operate close to or within the generic MWDs for both cosmetic damage and human annoyance. These site specific MWDs will then be included in Gatewave.

If works are likely to be within the generic or site specific MWDs, attended vibration monitoring is to be undertaken to verify that vibration levels comply with the vibration objectives described in the NVMP.

Additional monitoring for human annoyance from vibration would be carried out proactively and in response to vibration complaints.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 0 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

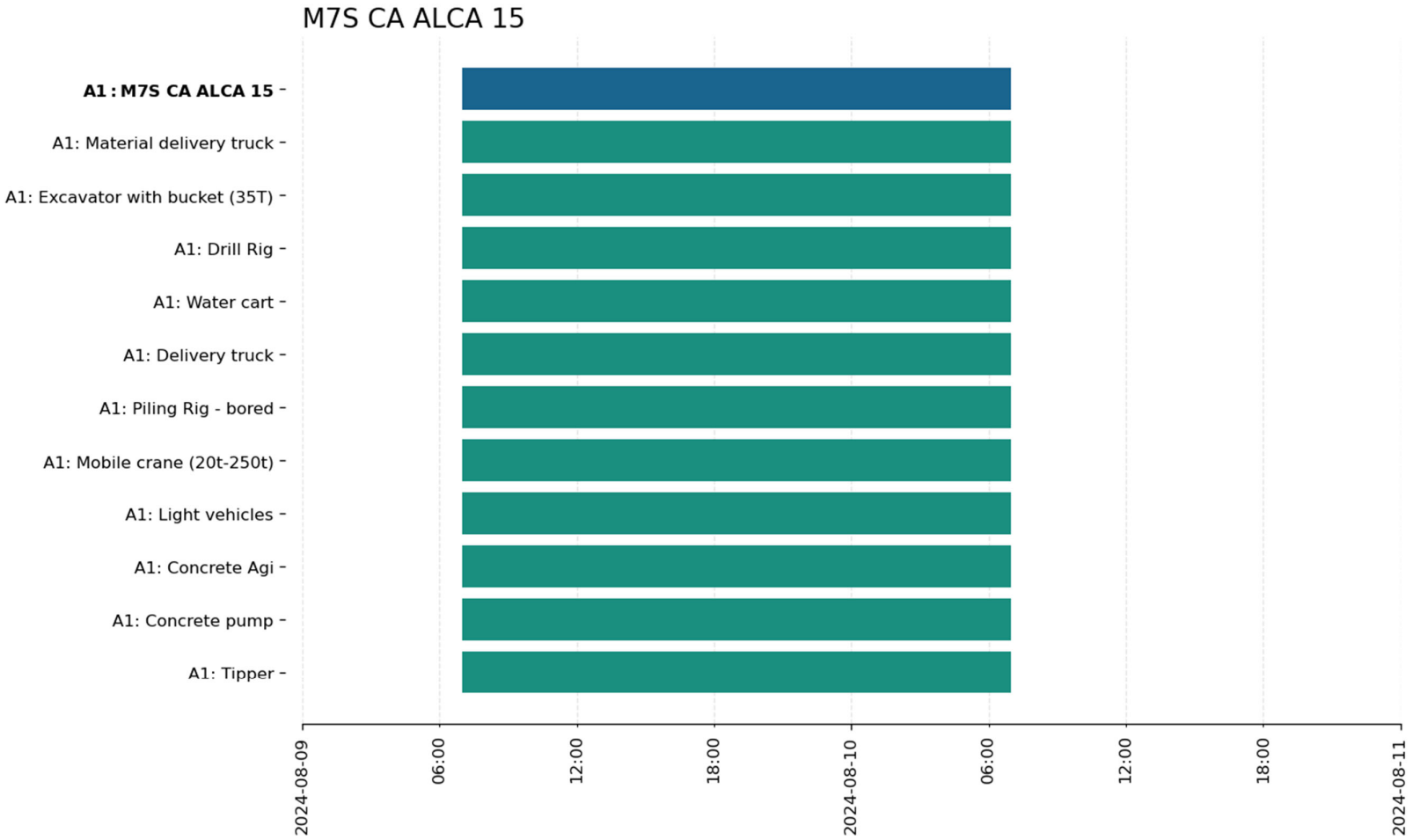
APPENDIX A Summary of works

A.1 Plant and equipment

Table 6: Plant and equipment schedule for work area: M7S CA ALCA 15

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
M7S CA ALCA 15								
Material delivery truck	-	1	100%	0	106	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Excavator with bucket (35T)	-	1	100%	0	108	112	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Drill Rig	-	1	100%	0	106	116	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Water cart	-	1	100%	0	104	107	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Delivery truck	-	1	100%	0	106	111	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Piling Rig - bored	-	1	100%	0	107	116	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Mobile crane (20t-250t)	-	1	100%	0	104	108	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00
Concrete Agi	-	1	100%	0	108	111	2024-08-09 07:00:00	2024-08-09 19:00:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Concrete pump	-	1	100%	0	103	107	2024-08-09 19:00:00	2024-08-10 07:00:00
							2024-08-09 07:00:00	2024-08-09 19:00:00
Tipper	-	1	100%	0	103	111	2024-08-09 19:00:00	2024-08-10 07:00:00
							2024-08-09 07:00:00	2024-08-09 19:00:00
							2024-08-09 19:00:00	2024-08-10 07:00:00


M7S CA ALCA 15
A1 : M7S CA ALCA 15
A1: Material delivery truck
A1: Excavator with bucket (35T)
A1: Drill Rig
A1: Water cart
A1: Delivery truck
A1: Piling Rig - bored
A1: Mobile crane (20t-250t)
A1: Light vehicles
A1: Concrete Agi
A1: Concrete pump
A1: Tipper
2024-08-09
06:00
12:00
18:00
2024-08-10
06:00
12:00
18:00
2024-08-11

APPENDIX B Detailed construction noise results

Table 7: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
51, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	78	-	78	78	86	AM1	-	AM1	AM9
None	Non-receiver	999	999	999	999	None	None	77	-	77	77	85	-	-	-	-
55, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	77	-	77	77	85	AM1	-	AM1	AM9
54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	73	-	73	73	81	AM2	-	AM4	AM9
54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	68	-	68	68	76	-	-	-	-
52, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	68	-	68	68	76	AM2	-	AM4	AM8
56, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	66	-	66	66	74	AM2	-	AM4	AM8
50, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	65	-	65	65	73	AM2	-	AM4	AM8
48, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	63	-	63	63	71	-	-	AM3	AM8
58, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	63	-	63	63	71	-	-	AM3	AM8
46, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
57, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	61	-	61	61	69	-	-	-	AM7
65, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	60	-	60	60	68	-	-	-	AM7
61, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	60	-	60	60	68	-	-	-	AM7
42, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
5, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
9, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
73, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	53	-	53	53	61	-	-	-	AM7
69, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	53	-	53	53	61	-	-	-	AM7
11, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
60, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
77, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	51	-	51	51	59	-	-	-	AM6
54, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	50	-	50	50	58	-	-	-	AM6
81, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	50	-	50	50	58	-	-	-	AM6
3, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58	-	-	-	AM7
86, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58	-	-	-	AM7
52, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	50	-	50	50	58	-	-	-	AM6
87, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	50	-	50	50	58	-	-	-	AM6
66, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58	-	-	-	AM7
62, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58	-	-	-	AM7
64, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58	-	-	-	AM7
6, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	50	-	50	50	58	-	-	-	AM6
62, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
88, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58	-	-	-	AM7
58, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	50	-	50	50	58	-	-	-	AM6
BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	50	-	50	50	58	-	-	-	AM7
60, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	50	-	50	50	58	-	-	-	AM6
56, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	49	-	49	49	57	-	-	-	-
96, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	49	-	49	49	57	-	-	-	AM6
4, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57	-	-	-	AM6
3, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	49	-	49	49	57	-	-	-	AM6
8, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	48	-	48	48	56	-	-	-	AM6
BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	48	-	48	48	56	-	-	-	AM6
14, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	48	-	48	48	56	-	-	-	AM6
80, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	48	-	48	48	56	-	-	-	AM6
8, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	48	-	48	48	56	-	-	-	AM6
83, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	-
82, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	48	-	48	48	56	-	-	-	AM6
12, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	48	-	48	48	56	-	-	-	AM6
7, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
84, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	48	-	48	48	56	-	-	-	AM6
10, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
17, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	48	-	48	48	56	-	-	-	AM6
7, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	48	-	48	48	56	-	-	-	AM6
27, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
90, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
104, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
11, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
114, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
4, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
9, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
14, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	47	-	47	47	55	-	-	-	AM6
10, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	47	-	47	47	55	-	-	-	AM6
66, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
13, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
18, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	47	-	47	47	55	-	-	-	AM6
16, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
5, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
9, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	47	-	47	47	55	-	-	-	AM6
3, DONN STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	-
5, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
9, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
100, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
106, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
17, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
70, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
15, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
3, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
7, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
14, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
106, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
110, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
19 A, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
68, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
22, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
5, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
17, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	46	-	46	46	54	-	-	-	-
18, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	46	-	46	46	54	-	-	-	AM6
64, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
11, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
16, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
10, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
23, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
13, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
112, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
12, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
11, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
2, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
15, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
24, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
11, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
27, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	45	-	45	45	53	-	-	-	AM6
6, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
14, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
16, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
19, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
23, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
29, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
15, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
18, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
38, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
48, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
20, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
18, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
10, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
24, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
5 B, RITCHIE TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
42, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
46, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
19, RITCHIE TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
44, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
10, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
2, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
20, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
50, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
21, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
24, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
40, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
10, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
22, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
21, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
26, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
65, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
7, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
13, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
22, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
95, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
8, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
145-155 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Place of Worship	55	55	55	55	None	None	43	-	43	43	51	-	-	-	-
65, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-
15, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
36, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
28, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
104 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
13, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
29, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
26, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
40, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
29, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
7, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
32, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
6, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
28, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	42	-	42	42	50	-	-	-	-
32, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
34, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
28, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
44, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
9, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
96 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
25, STANTE CLOSE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	42	-	42	42	50	-	-	-	-
15, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
32, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	42	-	42	42	50	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
2, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
65, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
16, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
17, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
25, STANTE CLOSE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	42	-	42	42	50	-	-	-	-
34, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	42	-	42	42	50	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
4, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
2, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
15, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
21, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
30, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	41	-	41	41	49	-	-	-	-
20, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
4, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
10, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
17, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
27, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
55, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
5, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	41	-	41	41	49	-	-	-	-
92 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
11, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
13, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	41	-	41	41	49	-	-	-	-
14, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
36, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
22, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
25, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
33, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
115, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	41	-	41	41	49	-	-	-	-
38, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	41	-	41	41	49	-	-	-	-
72, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
19, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
23, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
8, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
88 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
90 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
17, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
145-155 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Commercial	70	70	70	70	None	None	41	-	41	41	49	-	-	-	-
53, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
6, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
9, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	41	-	41	41	49	-	-	-	-
1, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
9, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
51, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
36, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
14, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
102A KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
97, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
48, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
100 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
60, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Commercial	70	70	70	70	None	None	40	-	40	40	48	-	-	-	-
16, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
10 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
43 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
13, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
2, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
26 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
93, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
6, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
117, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
6, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
14, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
15, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
2, ONSLOW GARDENS, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
30, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
26, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
74, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
12 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
20 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
45 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
49 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
25, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
40, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
43 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
47 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
84 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	40	-	40	40	48	-	-	-	-
33, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
80 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
82 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
94 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
117, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
12, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
5, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
35, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
41 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
490, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	39	-	39	39	47	-	-	-	-
12, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
32, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	39	-	39	39	47	-	-	-	-
24 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
25, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
30, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	39	-	39	39	47	-	-	-	-
101, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
113, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
28, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	39	-	39	39	47	-	-	-	-
39 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
7 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
10, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
23, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
16, ONSLOW GARDENS, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
11 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
13 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
9 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
121, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
50, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	39	-	39	39	47	-	-	-	-
3, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
18 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
28 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
65 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
6, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
8, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
105, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
125, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
30, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
4, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
27, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
29, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
35, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
78 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
THOMAS HASSALL ANGLICAN COLLEGE, 125 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	38	-	38	38	46	-	-	-	-
125, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
12, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
109, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
15 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
76 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
12, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
13, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
21, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
15, MONOPLANE AVENUE, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
2, ONSLOW GARDENS, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
31, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
45 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
74 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
86 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
21, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
113 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	38	-	38	38	46	-	-	-	-
6, ONSLOW GARDENS, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
129, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
91, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
1 A, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
76, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
96, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
33, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
38 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
4 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
43 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
32, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	38	-	38	38	46	-	-	-	-
98A-98C DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
34, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	38	-	38	38	46	-	-	-	-
15, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
23 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
67 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
72 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
133, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
2, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
94, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
96A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
490, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	38	-	38	38	46	-	-	-	-
27, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
46, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
5, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
26, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	38	-	38	38	46	-	-	-	-
14 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
18, ONSLOW GARDENS, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
63 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
7 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
9 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
133, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
86, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
22, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	37	-	37	37	45	-	-	-	-
24, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	37	-	37	37	45	-	-	-	-
13, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
16 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
2, LOVE ROAD, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
3 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
4 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
59 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
20, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
20, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	37	-	37	37	45	-	-	-	-
49 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
61 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
34, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	37	-	37	37	45	-	-	-	-
37, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
39, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
31, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
18 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
24 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
1, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
57 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
141, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	37	-	37	37	45	-	-	-	-
14 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
42, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
18, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
9, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
105 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	37	-	37	37	45	-	-	-	-
41 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
41, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
43, BRIGGS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
55 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
145, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
24, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
84, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
39 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
47 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
50, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	37	-	37	37	45	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	37	-	37	37	45	-	-	-	-
10, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
23, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
31 A, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
2 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
80 A, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
147, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
15 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
35, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
32, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
29, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
9, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
20 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
35, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
47 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
490 COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	36	-	36	36	44	-	-	-	-
20, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
15, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
525, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Commercial	70	70	70	70	None	None	36	-	36	36	44	-	-	-	-
11 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
7 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
9 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
16, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
183 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	36	-	36	36	44	-	-	-	-
32, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	36	-	36	36	44	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
34, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
82, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
17, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
19 B, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
20 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
95, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Childcare	50	50	50	50	None	None	36	-	36	36	44	-	-	-	-
25, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
39 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
490, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	36	-	36	36	44	-	-	-	-
8, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
17 A, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
26 A, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
10, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
4, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
4, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
90, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
13, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
5, NICOL PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
535, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Commercial	70	70	70	70	None	None	36	-	36	36	44	-	-	-	-
55, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
10, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	36	-	36	36	44	-	-	-	-
18, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	36	-	36	36	44	-	-	-	-
100, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
88, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
111 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	36	-	36	36	44	-	-	-	-
32, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
49, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
7, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
9 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
22, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
33, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, NICOL PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
109 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	36	-	36	36	44	-	-	-	-
505, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Commercial	70	70	70	70	None	None	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
16, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
38, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
14, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
26, BROUGHTON STREET, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
7, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
3, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, NICOL PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
104 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
27 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
33 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
47, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
9, FLETCHER STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
157, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
18, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
22, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
4, GRANITE PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
101 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	36	-	36	36	44	-	-	-	-
5 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
1, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
18, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
153, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	36	-	36	36	44	-	-	-	-
185 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	36	-	36	36	44	-	-	-	-
11, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
2 B, NICOL PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
40, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
103 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	36	-	36	36	44	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
3, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
49 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
5, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
19, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
19 B, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
47, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
8, GRANITE PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
14, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
3 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
7, FLETCHER STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
80 A, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
181 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	35	-	35	35	43	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
49, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
9, NICOL PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
99 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	35	-	35	35	43	-	-	-	-
11, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
18, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
29 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
31, FYSH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
35 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
5 FLYING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
71 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
15, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
14, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
24, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
7, ROXBY PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
97 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	35	-	35	35	43	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
10, DEKANZO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
12, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
24 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
31 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
40, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
50, SIXTEENTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
21, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
93, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
8 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
42, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
32, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
12, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
22, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
25 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
25, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
26, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
30, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
24, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
25, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
27, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
50, SIXTEENTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
8, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
14, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	35	-	35	35	43	-	-	-	-
25, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
10, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
6, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
8, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
9, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
12, ONSLOW GARDENS, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
15, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
22 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
23 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
23, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
24, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
27, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
29, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
33, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
35, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
8 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
15 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
18 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
92, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
26, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
3, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
31, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
6, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
19, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
7, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
3 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
2, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
21, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
23, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
24, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
5, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
16, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
30 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
35, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
5, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
56, PARER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
59 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
11, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
13, LINNE PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
16, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
2, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
2, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
26, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
45, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, NICOL PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
27, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
38, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
4, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
4, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
29, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
36, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
45, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
10 BOYDEN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
26, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
37 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
6, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
6, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
20, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
24, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
30, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
31 B, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
40, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
40, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
505, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Commercial	70	70	70	70	None	None	34	-	34	34	42	-	-	-	-
515, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Commercial	70	70	70	70	None	None	34	-	34	34	42	-	-	-	-
20, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
22 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
23, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
33 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
33, FYSH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
34, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
10, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
24, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
26, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
4, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
8, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
48, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
27, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
7, ROXBY PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
8, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
10 BOYDEN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
15 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
22, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
27 FLIGHT CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
28, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
34 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
65, SIXTEENTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
17 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
20, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
1 B, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
18, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
24 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
7, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
9, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
12, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
13, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
19, QANTAS BOULEVARD, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	34	-	34	34	42	-	-	-	-
10, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
3 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
31, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
16 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
20, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
27, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
34, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
61 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
7, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
THOMAS HASSALL ANGLICAN COLLEGE, 125 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	34	-	34	34	42	-	-	-	-
15, BROUGHTON STREET, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
22, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
3, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
37, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
42, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
44, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
10, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
165 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
183, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
31, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
16, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
19, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
20, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
4, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
17 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
31, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
17 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
26 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
5 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
60, PARER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
60, PARER AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
9, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
3, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
31, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10, GRANITE PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
46, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
95, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
13, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
13, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
25, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
27, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
31, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
34, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
20, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
7, WARDANG ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
3, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
34, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, GRANITE PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
7, NICOL PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
7, ROXBY PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
1 B, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
11, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
18, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
3 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
30, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
35, FYSH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
41, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
43, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
6 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
8, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
8, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
2, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
30, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
28, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
39, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
19 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
21, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
6, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
63 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
8 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
THOMAS HASSALL ANGLICAN COLLEGE, 125 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	33	-	33	33	41	-	-	-	-
23, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
4, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
12, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
33, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
36, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
6 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
34, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
36, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
8, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
28, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
10 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
17 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
18, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
21, BRAVO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
25, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
27, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
29, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
30, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
33, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
41, FYSH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
43, FYSH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
5 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
7 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
7, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
8, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
9, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
23, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
175 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
34, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
38, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
48, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
52, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
28, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
29, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
3 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
3, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
36 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
39, FYSH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
5 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
7, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
7, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
THOMAS HASSALL ANGLICAN COLLEGE, 125 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	33	-	33	33	41	-	-	-	-
1, BOSTON CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
5, WARDANG ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
1 A, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
26 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
5 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
26, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
26, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
16, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
1 LORES STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
11, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
13 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
15 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
176, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
3, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
30 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
4 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
27, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
27, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
3, BOSTON CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
101, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
13 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
39, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
11 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
11 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
12 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
152, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
17, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
179, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
18 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
19 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
19 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
2 B, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
24, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
24, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
27, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
37, FYSH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
66, SIXTEENTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
11, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
3, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
7, BOSTON CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
10A HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
29 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	33	-	33	33	41	-	-	-	-
41, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
106 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
22, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
24, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
30, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
21, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	33	-	33	33	41	-	-	-	-
12, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
18 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
18, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
20, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
25, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
6, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
8 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
9 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
9, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
17, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
103, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
37, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
29, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
44, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
73, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
9, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
28, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
11, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
12 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
16, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
173, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
177, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
41 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
7 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
8, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
9 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
3, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
9, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
10 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
34 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
32, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
35, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
23, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
10 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
11 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
14, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
49 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
5, FLETCHER STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
7 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
71 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
9, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
1, BOSTON CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
14, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
17, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
33, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
4, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
7, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
9, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
1 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
15, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
24, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
7, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
8, ENDERBY CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
20, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
29, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
136, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
20 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
22, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
65 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
16, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	33	-	33	33	41	-	-	-	-
102, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3 B, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
32, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
3, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
175 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
175 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
18 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
23 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
4, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
40 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
11, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
22, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
25 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
37, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
105, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
26, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
1 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
1 B, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1011, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
14 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
174, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
23, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
29 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
49 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
5 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
59 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
7, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
22, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
113, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
31 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
17, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
7, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
1, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
10 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
10, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
12 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
12, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
148, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
15, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
15, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
16, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
18, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
2 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
20 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
29, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
16, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
24, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
101, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
19 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
23 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
41, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
33, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
34, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
100 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
108 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
32, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
4, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
42 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
5 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
6 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
THOMAS HASSALL ANGLICAN COLLEGE, 125 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	32	-	32	32	40	-	-	-	-
31, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	32	-	32	32	40	-	-	-	-
95, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
22 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
18, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
23 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
25, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
31, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
7 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
9 A, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
THOMAS HASSALL ANGLICAN COLLEGE, 125 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	32	-	32	32	40	-	-	-	-
10, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
12, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
6, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
24 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
44, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
22, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
3, ROXBY PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
7, ENDERBY CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
102 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
17, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
24, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
18, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
10 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
102, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
25, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
43, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
28, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
14, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
12 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
16, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
19, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
2 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
THOMAS HASSALL ANGLICAN COLLEGE, 125 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	32	-	32	32	40	-	-	-	-
3, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	32	-	32	32	40	-	-	-	-
1 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
22, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
7, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, ONSLOW GARDENS, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
16 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
17 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
21 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
21, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
26, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
5, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
21, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
3, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
8, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
14, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
40, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
13, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
2, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
10, DEKANZO AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
142, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
22, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
4 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
7, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
5, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
8, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
12 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
169 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
17, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
177 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
27 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
35, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
15, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
12, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
1 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
16 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
22, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
3, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
6, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
8 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
8 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
9, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
22, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
9, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
9, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
179 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	32	-	32	32	40	-	-	-	-
127 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
140 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
18 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
26, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
30 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
42, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
5, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
154, 156, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
17, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
181, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
2, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
21, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
9, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
106, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
9 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
25, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
33, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
9, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
138, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
21, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
24, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
4, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
18, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
149, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	31	-	31	31	39	-	-	-	-
103, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
11 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
13 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
24, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
7 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
13 A, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
27, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
75, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
36 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
10 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
12, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
7, RITCHIE TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
23 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
21, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
7, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
91, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
13, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
16, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
2 FLYING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
9 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	31	-	31	31	39	-	-	-	-
5 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
40 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
87, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
146, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
175, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
24, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
77 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
8, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	31	-	31	31	39	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
18 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
22 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
24 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
35, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
56, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
7, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
9, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
4, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
3 FLYING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
33, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
4 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
7, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
11, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
13, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
13 B, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
52, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
8, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
1, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
46 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
90, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
97, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
11 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
20, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
27, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
6 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
79 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
5, BOSTON CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
9, LINNE PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
12, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
14 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
2 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
23 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
38, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
5, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
54, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
86, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
10, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
14 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
18 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
23, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
44 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
5 CROWTHER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
5, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
8 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
9, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
12 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
17, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
101, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
105, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
2, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
35, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
82, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
14 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
2, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
3 LORES STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
31, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
48 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
55 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
6 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10, BROUGHTON STREET, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
10, BROUGHTON STREET, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
20, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	31	-	31	31	39	-	-	-	-
10, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
20, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
7, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
23 B, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
12, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
10 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
14 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
2, SHORTBRIDGE AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
2, SHORTBRIDGE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
21, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
32 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
4 FLYING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
6 FLYING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
6, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
83 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
27, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
20 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
32, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
11, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
114 B, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
17, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
77, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
90, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
12, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
17, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
33, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
46 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
53 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
59 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
85 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
THOMAS HASSALL ANGLICAN COLLEGE, 125 KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Educational	55	55	55	55	None	None	30	-	30	30	38	-	-	-	-
38, HAYMAN AVENUE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
20 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
58, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
6 A, ENDERBY CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
10, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
2, ULM STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
69 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
7 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
11, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	30	-	30	30	38	-	-	-	-
12, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
6, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
22, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
25 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
71, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
14, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
185, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
25, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
50 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
11, LINNE PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
1, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
10 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
114, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
34, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
46, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
94, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
10, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
13 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
182, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
26, BROADBENT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
5, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
89 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
10, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
157, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	30	-	30	30	38	-	-	-	-
10 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
112, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
30, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
6 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
14, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
44 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
52 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
6, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
7, FLETCHER STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
91 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
13, BROUGHTON STREET, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
6, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
10 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
115, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
23, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
25 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
35, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
54 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
8, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
12, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
20, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
13, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
133 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
34 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
103, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
22, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
13 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
16, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
20 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
37, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
9, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
22, BROUGHTON STREET, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
1, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
10, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
107, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
11, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
26, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
4, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
48 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
59 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
119, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
16, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
58, PARER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
67 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
8, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
108, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
110, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
9 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
19, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
4, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17, WARD PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
21, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
2 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
6 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2, GRANITE PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
19, ANGLEDOOL AVENUE, HINCHINBROOK NSW 2168	Residential	57	52	52	47	57	65	30	-	30	30	38	-	-	-	-
26, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
27 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
3 AMBROSE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
6 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
105, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
111, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
22 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
27 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
21 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
17, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
11, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
19 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
13, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
170, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
27 HOLDEN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
140 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
28, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
5, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9, ENDERBY CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
1, IRVING TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
11, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
14, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
29, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
123A MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
13, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
19, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
60, PARER AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
22, BIRD WALTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	29	-	29	29	37	-	-	-	-
14 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
18 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
18, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
20 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
29 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
31 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
43, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
16, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
18, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
61 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
14, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
16 CUSTANCE STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
8, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
14, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
15, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
43, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
172, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
73 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
10, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
129 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
154 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
19 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
19, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
32, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
5 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
5, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
42 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
21, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
5, FLETCHER STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
4, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
150 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
34 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
36 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
40 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
63-65 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
3 WINDSOCK AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
45 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
2, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
2, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
28, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
3 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
46 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
35, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
1 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
109, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
135 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
14 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
28 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
49 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
45, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
9, ENDERBY CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
85, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
1 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
13, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
9, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
11, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
11, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
3 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
10, ENDERBY CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
71, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
11, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
140, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
16, BROUGHTON STREET, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
11 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
148 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
20 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
3, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
3, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
7 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
150, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
162, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
7 HUGH TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
8, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
12 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
15, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
25 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
25, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
43 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
119 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
26 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
3 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
5, NICOL PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
14, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
5, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
10, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
19 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
3, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
9, ENDERBY CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
5, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
13, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
15, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
22 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
22 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
122, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
13, LINNE PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
4, HEYWOOD CLOSE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
12, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
4, ROXBY PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
11, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
15, LITTLE JOHN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
27 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
3, IRVING TERRACE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
6, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
105, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
146 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
148 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
19 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
36, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
39 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
47 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
5 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
120, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
7 FLYING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
7, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
35, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
105 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
6, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
116, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
80, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
177, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
18, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
20, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
6, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
150 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
26 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
30 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
4 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
3, NICOL PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
107 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	28	-	28	28	36	-	-	-	-
118, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
20, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
60, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
64, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
160, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
26, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
7, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
10 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
14 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
142 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
17 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
17 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
20, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
32 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
55 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
21, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
145, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	28	-	28	28	36	-	-	-	-
111, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
152 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
7 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
27, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
22, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
87 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
13 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
17, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
18, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
19 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
2, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
20 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
23, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
6 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
9 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
9, WARDANG ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
150 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
154 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
17 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
21 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
22, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
50, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
13, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
4, WARDANG ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
137, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	27	-	27	27	35	-	-	-	-
13 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
15 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
154 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
22 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
51 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
7 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
1011, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
15, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
39, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
14, BROUGHTON STREET, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
146 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
24, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
4 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
38 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
1, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
17 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
18 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
24 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
4, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
6, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
8, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
9, ROXBY PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
15, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
26, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
490, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	27	-	27	27	35	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
12 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
18 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
21 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
3 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
35 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
87 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
9 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
168, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
17, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
3 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
34, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
7, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
9 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
12, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
15 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
15, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
18 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
19 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
21 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
22 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
35 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
11, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
62, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
10, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
18, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
19, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	27	-	27	27	35	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
10, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
109, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
16, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
33 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
4 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
4 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
99 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
12, REARDON AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
63 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
6, HALL CIRCUIT, MIDDLETON GRANGE NSW 2171	Under construction	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
12, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
15 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
152 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
16, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
28 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
37 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
19, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
164, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
25 THOMAS HASSALL AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
9, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
31, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
15 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
16 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
160 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
17, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
20 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
27 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
39 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
14A MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
31, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
4, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
5, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
15, WARD PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
1 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
13 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
4 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
5, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
81, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
89, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
102A KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
24, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
3, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
12, BENNISON ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
9, WARD PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
10, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
13 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
144 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
152 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
18 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
20, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
36 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
36 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
44 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
46 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
6 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
8 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
9 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
41, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
178, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
19, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
14, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
14, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
157 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
42 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
1011, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
22 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
23 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
37 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
44 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
29, MONKTON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
3, WARDANG ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
11 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
11, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
139 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
161 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
163 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
18 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
19 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
34 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
134, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
10, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
13 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
13 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
131 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
153 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
57 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
8, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
99, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
9 A, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
12, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
121 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
141 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
158 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
38 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
40 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
121 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
14 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
18, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
33 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
35 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
79, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
83, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
5, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	26	-	26	26	34	-	-	-	-
125 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
15 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
19 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
20 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
22, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
27 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
29 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
31 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
38 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
23 B, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
10, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
8, FRENCH PLACE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
171 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
2 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
27 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
4 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2, FRENCH PLACE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
115, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
21 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
26 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
15, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
42 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
102A KINGSFORD SMITH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
14, FOLLET AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
10 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
159 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
2 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
21 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
24 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
26 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
5 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
9, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
10 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
113, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
20 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
20, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
25 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
48 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
5 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
6, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
11, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
166, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
180, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
10, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
32 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
93, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
75 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
157 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
16 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
23, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
16, WARDANG ROAD, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
5 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
23, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	25	-	25	25	33	-	-	-	-
11, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
23 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
38 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
12 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
12, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
145 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
6 B, ENDERBY CLOSE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
146, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
22, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
103 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
24 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
7 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
173 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
43 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
14, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
109 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
155 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
155 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
167 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
3 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
53 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
95 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
17, BONYTHON AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
137 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
15 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
2 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
16, BENNISON ROAD, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
137 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
17 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
24 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
32 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
5 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
7 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
21, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
39, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
11 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
16 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
7 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
22, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
25, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
1 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
10 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
11 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
124, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
24, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
135 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
18 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
26, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
143 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
15 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
24 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
147 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
147 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
39 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
9 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
91 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
97 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
22, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	23	-	23	23	31	-	-	-	-
26 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
6 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	23	-	23	23	31	-	-	-	-
25, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
1 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
11 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
13 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
9 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
12, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	23	-	23	23	31	-	-	-	-
14 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
24 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
3 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
7 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
17, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	23	-	23	23	31	-	-	-	-
21 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
23, BRYANT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
81 MCIVER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	23	-	23	23	31	-	-	-	-
127 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
41 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
19, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	23	-	23	23	31	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
11 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
129 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
14 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
8 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
143 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
56 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
8 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
145 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
18, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	23	-	23	23	31	-	-	-	-
11 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
133 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
165 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
20 MERLIN STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-
2 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
57 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-
3 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
52 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
134, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	22	-	22	22	30	-	-	-	-
1 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
45 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
25, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-
156 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
28 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
4 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
5 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
54 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
34 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
23, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-
139 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
23 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
3 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
5 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-

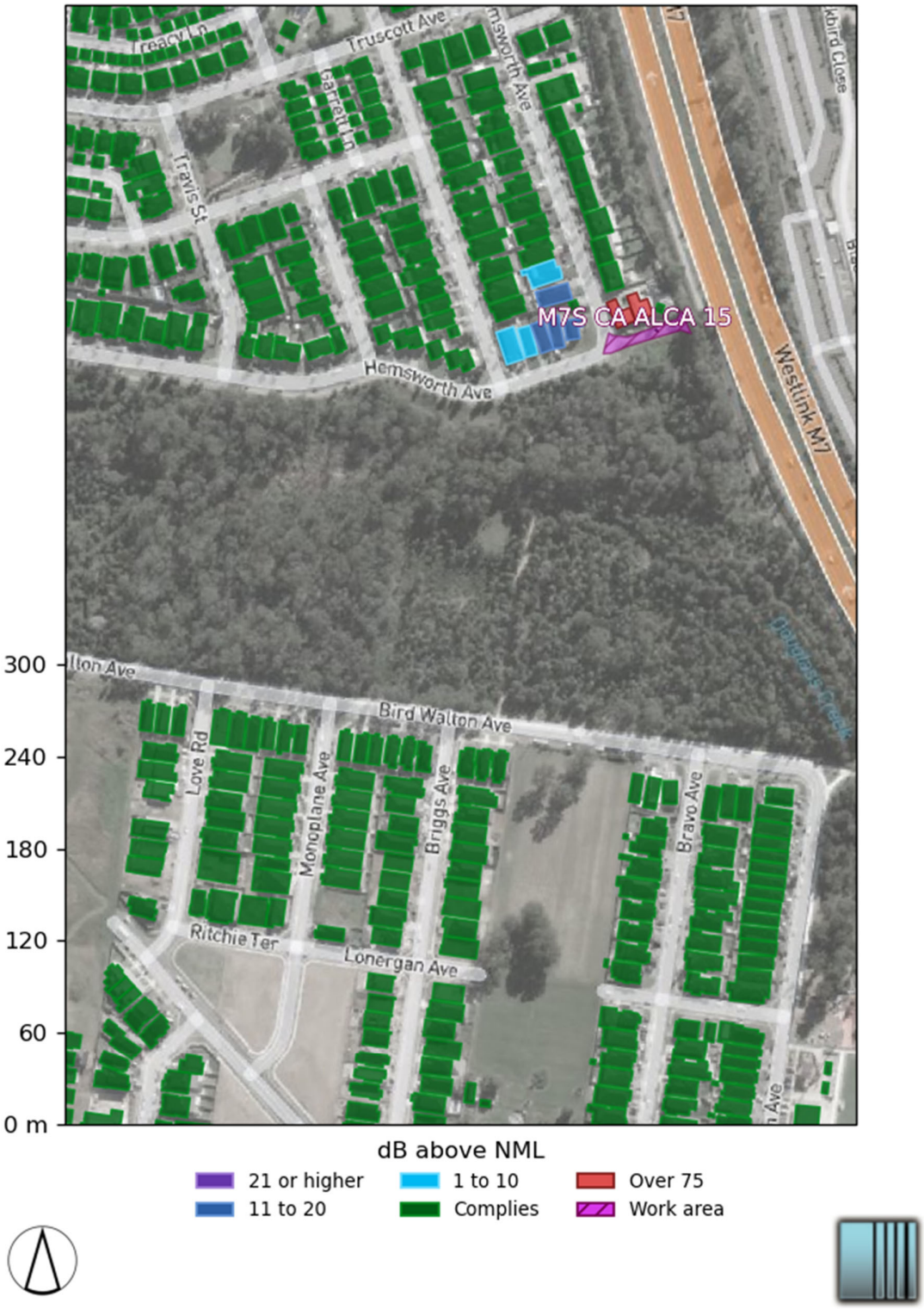
Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-
10 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
12 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
21 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
6 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
19 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
6, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-
153 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
23 A, KEPPEL CIRCUIT, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	22	-	22	22	30	-	-	-	-
125 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
131 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
149 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
52 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
9 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
59 SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-
151 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
5 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
5 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
101 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
9 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
9 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
11, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-
4, SWOFFER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-
12 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
3 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
8 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
25, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-
14 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
6 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
82, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
137 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
16 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
6 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
14, PETRE CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-
113 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
4 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
7 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
20, DE GARIS CLOSE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-
89 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
132, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-
181, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	21	-	21	21	29	-	-	-	-
10 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
115 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
12 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
9 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
117 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
58 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	21	-	21	21	29	-	-	-	-
12 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
6 CORSAIR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
8 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
134, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-
30, SOUTHERN CROSS AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-
14 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
31 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
33 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
6 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
86, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
13, KELSEY STREET, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-
141 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
25 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
29 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
30 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
91 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	20	-	20	20	28	-	-	-	-
140, FLYNN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-
54 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
139 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
50 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
23 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
93 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
8 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	20	-	20	20	28	-	-	-	-
5 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	19	-	19	19	27	-	-	-	-
18 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	19	-	19	19	27	-	-	-	-
111 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	19	-	19	19	27	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	19	-	19	19	27	-	-	-	-
21 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	19	-	19	19	27	-	-	-	-
107 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	18	-	18	18	26	-	-	-	-
4 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	18	-	18	18	26	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
15 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	18	-	18	18	26	-	-	-	-
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	18	-	18	18	26	-	-	-	-
123 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	18	-	18	18	26	-	-	-	-
16 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	18	-	18	18	26	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	18	-	18	18	26	-	-	-	-
17 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	17	-	17	17	25	-	-	-	-
17 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	16	-	16	16	24	-	-	-	-

APPENDIX C Noise level above nominated target

Noise level above NML Day (area 1 of 1)



Noise level above NML Day (OOH) (area 1 of 1)



Noise level above NML Evening (area 1 of 1)



Noise level above NML Night (area 1 of 1)



06 August 2024

2024-08-06_TN188-04 M7S CA ALCA 19 - ID TN188_1478.docx

John Holland
[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **M7S CA ALCA 19** (Gatewave ID TN188_1478)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JOHN HOLLANDRP-M7A-EN-PLN-00000_M12East_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

If there are any vibration intensive plant and equipment, the recommended minimum working distances (MWD) are presented in Table 4.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
M7S CA ALCA 19								
Light vehicles	3	-	3	3	94	100	-	-
Vacuum truck	1	-	1	1	107	111	-	-
Material delivery truck	4	-	4	4	112	111	-	-
Excavator with bucket (35T)	1	-	1	1	108	112	-	-
Skid steer / Bobcat (10T)	1	-	1	1	104	109	-	-
Smooth drum roller (13t) - low vibration mode	1	-	1	1	114	113	**Yes**	-
Drill Rig	1	-	1	1	106	116	-	-
Delivery truck	3	-	3	3	111	111	-	-
Telehander / Franna crane (20t)	1	-	1	1	99	103	-	-
Piling Rig - bored	1	-	1	1	107	116	-	-
Compressor	1	-	1	1	102	103	-	-
Concrete Agi	3	-	3	3	113	111	-	-
Concrete pump	1	-	1	1	103	107	-	-
Truck and Dog	3	-	3	3	111	111	-	-
Water cart	1	-	1	1	104	107	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in **orange** are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 3. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 5. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
M7_NCA04	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA05	0 to 10	0	0 to 5		0 to 5	5	0 to 5	93
	> 10	0	5 to 15		5 to 15	0	5 to 15	15
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA01	0 to 10	0	0 to 5		0 to 5	0	0 to 5	17
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA06	0 to 10	29	0 to 5		0 to 5	47	0 to 5	51
	> 10	0	5 to 15		5 to 15	29	5 to 15	38
	Over 75 dB(A)	0	15 to 25		15 to 25	2	15 to 25	2
			> 25		> 25	0	> 25	0
Recreational - Active	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Industrial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Recreational - Passive	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Childcare	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	1	15 to 25	1
			> 25		> 25	0	> 25	0
Educational	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The recommended MWDs for cosmetic damage and human annoyance are presented in Table 4.

Table 4: Generic minimum working distances for cosmetic damage and human annoyance

Plant item	Reference	Minimum working distance, m			
		Cosmetic damage (screening criteria)		Human comfort (screening limit)	
		Heritage buildings	Non-heritage	Residential[1]	Non-residential[2]
Smooth drum roller (13t) - low vibration mode	RTA ROLLER_009	10	5	55	20
Drill Rig	RTA DRILL_010	10	5	20	10
Piling Rig - bored	RTA CRANE_024	10	5	20	10

Notes:

1. Screening limit for residences, night time
2. Screening limit for offices, schools, educational institutions and places of worship (day or night)

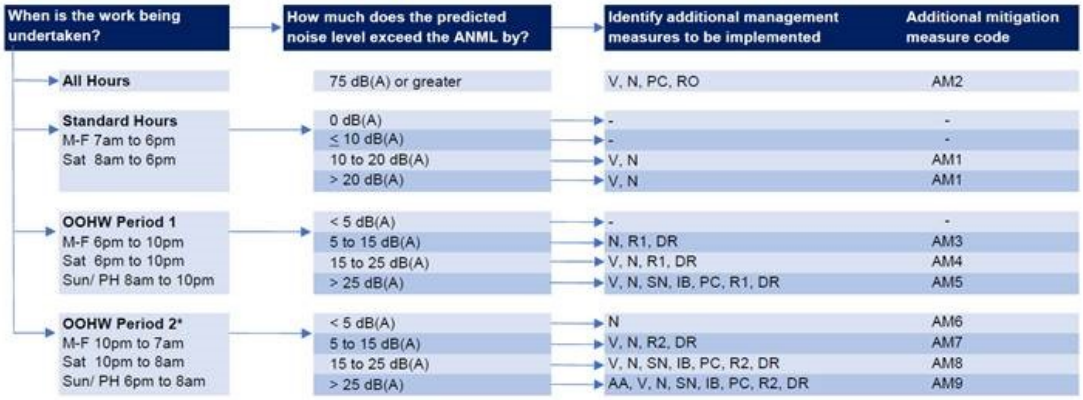
4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures



When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 5 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 5: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA04	110, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42
M7_NCA04	153, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42
M7_NCA04	29, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42
M7_NCA05	37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	54	-	54	54	56
M7_NCA05	37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	52	-	52	52	54
M7_NCA05	41, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	51	-	51	51	53
M7_NCA01	14, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA01	21, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49
M7_NCA01	5, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48
M7_NCA06	18, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	74	-	74	74	76
M7_NCA06	18, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	70	-	70	70	72
M7_NCA06	7, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	66	-	66	66	68
Childcare	14, SKIPTON LANE, PRESTONS NSW 2170	Childcare	50	50	50	50	None	None	68	-	68	68	70

4.3.3 Vibration monitoring

It is noted that the generic MWDs in Table 4 are taken from a database of vibration levels measured at various sites or obtained from other sources (e.g. BS5228-2:2009). They are not specific to these works as final vibration levels are dependent on many factors including the actual plant used, its operation and the intervening geology between the activity and the receiver.

Site specific MWDs for vibration significant plant items must be measured on site where plant and equipment are likely to operate close to or within the generic MWDs for both cosmetic damage and human annoyance. These site specific MWDs will then be included in Gatewave.

If works are likely to be within the generic or site specific MWDs, attended vibration monitoring is to be undertaken to verify that vibration levels comply with the vibration objectives described in the NVMP.

Additional monitoring for human annoyance from vibration would be carried out proactively and in response to vibration complaints.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 0 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

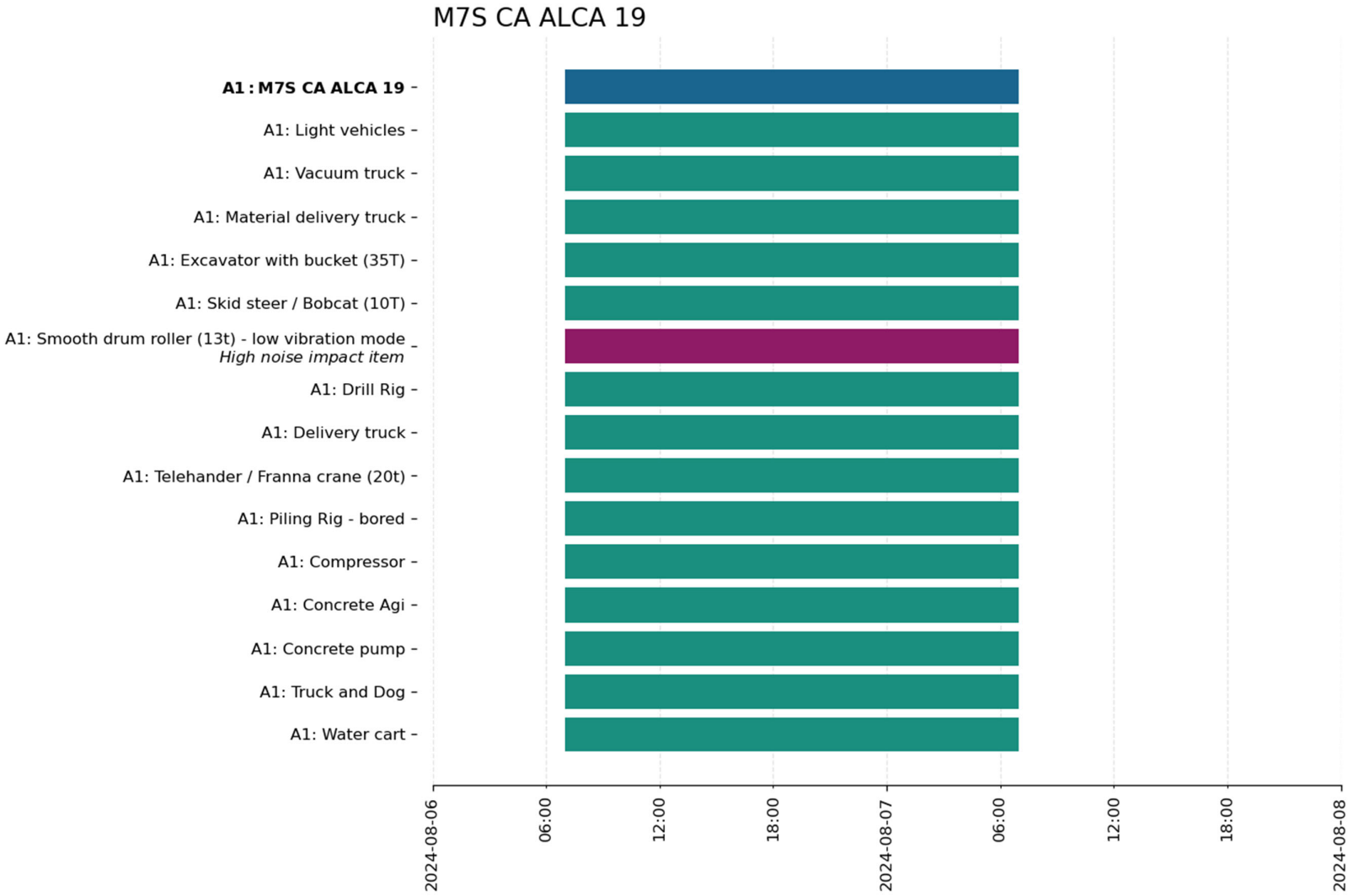
APPENDIX A Summary of works

A.1 Plant and equipment

Table 6: Plant and equipment schedule for work area: M7S CA ALCA 19

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
M7S CA ALCA 19								
Light vehicles	-	3	100%	0	94	100	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Vacuum truck	-	1	100%	0	107	111	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Material delivery truck	-	4	100%	0	112	111	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Excavator with bucket (35T)	-	1	100%	0	108	112	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Smooth drum roller (13t) - low vibration mode	5	1	100%	0	114	113	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Drill Rig	-	1	100%	0	106	116	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Delivery truck	-	3	100%	0	111	111	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
	-	1	100%	0	99	103	2024-08-06 07:00:00	2024-08-06 19:00:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Telehander / Franna crane (20t)							2024-08-06 19:00:00	2024-08-07 07:00:00
Piling Rig - bored	-	1	100%	0	107	116	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Compressor	-	1	100%	0	102	103	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Concrete Agi	-	3	100%	0	113	111	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Concrete pump	-	1	100%	0	103	107	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Truck and Dog	-	3	100%	0	111	111	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00
Water cart	-	1	100%	0	104	107	2024-08-06 07:00:00	2024-08-06 19:00:00
							2024-08-06 19:00:00	2024-08-07 07:00:00


M7S CA ALCA 19
A1 : M7S CA ALCA 19
A1: Light vehicles
A1: Vacuum truck
A1: Material delivery truck
A1: Excavator with bucket (35T)
A1: Skid steer / Bobcat (10T)
A1: Smooth drum roller (13t) - low vibration mode
High noise impact item
A1: Drill Rig
A1: Delivery truck
A1: Telehander / Franna crane (20t)
A1: Piling Rig - bored
A1: Compressor
A1: Concrete Agi
A1: Concrete pump
A1: Truck and Dog
A1: Water cart
2024-08-06
06:00
12:00
18:00
2024-08-07
06:00
12:00
18:00
2024-08-08

APPENDIX B Detailed construction noise results

Table 7: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
18, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	74	-	74	74	76	AM2	-	AM4	AM8
18, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	70	-	70	70	72	AM2	-	AM4	AM8
10, SKIPTON LANE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	69	-	69	69	71	-	-	-	-
14, SKIPTON LANE, PRESTONS NSW 2170	Childcare	50	50	50	50	None	None	68	-	68	68	70	AM2	-	AM4	AM8
10, SKIPTON LANE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	67	-	67	67	69	-	-	-	-
7, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	66	-	66	66	68	-	-	AM3	AM7
10, SKIPTON LANE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	64	-	64	64	66	-	-	-	-
1, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	64	-	64	64	66	-	-	AM3	AM7
11, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	64	-	64	64	66	-	-	AM3	AM7
13, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	63	-	63	63	65	-	-	AM3	AM7
3, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	63	-	63	63	65	-	-	AM3	AM7
1, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	63	-	63	63	65	-	-	AM3	AM7
4, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	62	-	62	62	64	-	-	AM3	AM7
8 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	62	-	62	62	64	-	-	AM3	AM7
21, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	62	-	62	62	64	-	-	AM3	AM7
6 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	62	-	62	62	64	-	-	AM3	AM7
6 B, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	62	-	62	62	64	-	-	AM3	AM7
4 B, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	62	-	62	62	64	-	-	AM3	AM7
5, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	61	-	61	61	63	-	-	AM3	AM7
4, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	61	-	61	61	63	-	-	AM3	AM7
17, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	61	-	61	61	63	-	-	AM3	AM7
3, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	61	-	61	61	63	-	-	AM3	AM7
4 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	61	-	61	61	63	-	-	AM3	AM7
8, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	61	-	61	61	63	-	-	AM3	AM7
3, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	61	-	61	61	63	-	-	AM3	AM7
2 B, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
43, BARCELONA DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	60	-	60	60	62	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
19, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
5, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
2 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
4, ANISEED STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	60	-	60	60	62	-	-	-	-
43, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
3, CHERRY PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	60	-	60	60	62	-	-	-	-
6, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
10, SKIPTON LANE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	60	-	60	60	62	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	60	-	60	60	62	-	-	AM3	AM7
15, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	59	-	59	59	61	-	-	-	AM7
18, SKIPTON LANE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	59	-	59	59	61	-	-	-	-
23, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	59	-	59	59	61	-	-	-	AM7
5, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	59	-	59	59	61	-	-	-	AM7
6, ANISEED STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	59	-	59	59	61	-	-	-	-
13, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	59	-	59	59	61	-	-	-	AM7
6, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	59	-	59	59	61	-	-	-	AM7
7, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	59	-	59	59	61	-	-	-	AM7
2, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	59	-	59	59	61	-	-	-	AM7
7, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	59	-	59	59	61	-	-	-	AM7
7, CHERRY PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	59	-	59	59	61	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM7
8, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
9, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
7, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
10, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
18, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
3, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
5, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
41, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	60	-	-	-	AM6
11, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
8, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
14, SKIPTON LANE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	57	-	57	57	59	-	-	-	-
16, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
12, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
5, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
29, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
3, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
8, ANISEED STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	57	-	57	57	59	-	-	-	-
1, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	59	-	-	-	AM6
1, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6
31, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6
1, MAHOGANY STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	56	-	56	56	58	-	-	-	-
14, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6
17, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6
7, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6
12, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6
1, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6
7, MAHOGANY STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	56	-	56	56	58	-	-	-	-
22, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	58	-	-	-	AM6
29, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
3, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
11, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
2, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
6, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
14, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
6, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	57	-	-	-	AM6
20, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
4, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
13, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
15, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
6, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
1, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
101, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
137, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
141, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	54	-	54	54	56	-	-	-	AM7
123, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
15, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
8, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
17, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	AM6
11, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	-
119, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	-
13, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	-
62, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	54	-	54	54	56	-	-	-	-
74, SKIPTON LANE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	54	-	54	54	56	-	-	-	-
74, SKIPTON LANE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	54	-	54	54	56	-	-	-	-
66, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
7, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
17, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
121, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
9, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
14, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	53	-	53	53	55	-	-	-	-
25, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
5, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
5, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
8, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
115, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
143, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
153, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
24, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
68, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
127, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
4, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	55	-	-	-	-
131, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
14, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
145, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	52	-	52	52	54	-	-	-	-
11, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
125, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
129, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
133, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
113, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
135, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
111, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
117, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
109, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
139, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
105, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
107, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
13, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
15, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
74, SKIPTON LANE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	52	-	52	52	54	-	-	-	-
43, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	52	-	52	52	54	-	-	-	-
11, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
12, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
27, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	52	-	52	52	54	-	-	-	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
159, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
52, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	54	-	-	-	-
41, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	51	-	51	51	53	-	-	-	AM7
4, 6, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
64, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
5, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	51	-	51	51	53	-	-	-	AM7
103, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
17, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
2, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
154, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
19, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
2, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
3, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
29, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
29, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
41, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
1, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
15, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
151, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
4, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
50, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
141, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	51	-	51	51	53	-	-	-	-
12, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	51	-	51	51	53	-	-	-	AM7
147, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	53	-	-	-	-
15, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
9, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
17, SKIPTON LANE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	50	-	50	50	52	-	-	-	-
7, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	50	-	50	50	52	-	-	-	-
19, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
35, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
42, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	50	-	50	50	52	-	-	-	-
37, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
40, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
20, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
16, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
21, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
7, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
8, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
10, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
16, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
23, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
44, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
155, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
17, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
20, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
23, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
25, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
3, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
46, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
1, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
27, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
3, MAHOGANY STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	50	-	50	50	52	-	-	-	-
86, SKIPTON LANE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	50	-	50	50	52	-	-	-	-
49, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
57, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	50	-	50	50	52	-	-	-	AM7
15, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
157, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
6, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
9, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	52	-	-	-	-
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	49	-	49	49	51	-	-	-	AM6
4, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	49	-	49	49	51	-	-	-	AM6
45, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	49	-	49	49	51	-	-	-	AM6
10, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
19, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
21, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
6, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
127, ASH ROAD, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	49	-	49	49	51	-	-	-	-
14, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
43, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	49	-	49	49	51	-	-	-	AM6
1, MELITO COURT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	49	-	49	49	51	-	-	-	-
17, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
23, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
39, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
18, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	49	-	49	49	51	-	-	-	AM6
12, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
17, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
13, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
161, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
163, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
17, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
21, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
23, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
6, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
8, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
53, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	49	-	49	49	51	-	-	-	AM6
10, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
23 A, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
23, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
6, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
7, ASPEN CLOSE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	49	-	49	49	51	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	49	-	49	49	51	-	-	-	-
63, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	49	-	49	49	51	-	-	-	AM6
11, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
11, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
14, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	49	-	49	49	51	-	-	-	-
165, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
167, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
19, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
6, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49	-	49	49	51	-	-	-	-
1, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
6, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
15, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
3, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
38, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
14, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
69, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
10, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
31, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
9, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
13, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
154, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
48, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
74, SKIPTON LANE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	48	-	48	48	50	-	-	-	-
45, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
1, MONDOVI CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
171, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
8, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
9, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
2, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
27, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
19, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
3, MONDOVI CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
3, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
9, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
7, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
24, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
65, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
1, KURRAJONG ROAD, PRESTONS NSW 2170	Under construction	999	999	999	999	None	None	48	-	48	48	50	-	-	-	-
10, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
15, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
20, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
29, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
5, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	48	-	48	48	50	-	-	-	-
173, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
29, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
41, BARCELONA DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	48	-	48	48	50	-	-	-	-
7, ANISEED STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	48	-	48	48	50	-	-	-	-
14, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
10, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
36, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
7, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
175, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
2, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
25, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
73, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	48	-	48	48	50	-	-	-	AM6
17, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48	-	48	48	50	-	-	-	-
21, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
3, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
22, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
6, CHERRY PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	47	-	47	47	49	-	-	-	-
9, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
40, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
177, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
18, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
37, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
21, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
55, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
30, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
139, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
26, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
4, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
5, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
71, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
77, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
179, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
21, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
31, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
39, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
5, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
22, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
34, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
5, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
10, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
13, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
22, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
4, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
54, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
6, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
42, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
55, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
8, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
14, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
181, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
20, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
30, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
59, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
2, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
21, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
4, MONDOVI CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
45, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
8, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
27, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
30, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	47	-	47	47	49	-	-	-	AM6
14, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
22, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47	-	47	47	49	-	-	-	-
2, MELITO COURT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	47	-	47	47	49	-	-	-	-
5, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
11, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
31, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
71, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
19, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
8, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
2, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
65, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
9, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	46	-	46	46	48	-	-	-	-
12, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
12, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
1, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
11, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
14, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
18, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
24, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
25, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	46	-	46	46	48	-	-	-	-
18, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
8, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
1, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
14, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
17, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
7, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
13, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
133, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
19, SICILIA STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	46	-	46	46	48	-	-	-	-
21, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
30, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
33, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
1, MELITO COURT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	46	-	46	46	48	-	-	-	-
61, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
69, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
1 A, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
11, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
14, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
28 B, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
9, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
21, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
4, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
16, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
47, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
12, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
4, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
13, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
44, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
58, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
16, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
66, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
4, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
48, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
57, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
6, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
8, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
32, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
6, ASPEN CLOSE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	46	-	46	46	48	-	-	-	-
9, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
15, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
13, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
50, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
56, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
67, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
67, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
75, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
148, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
15, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
152, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	46	-	46	46	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
23, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
5, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
3, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
38, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
42, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
44, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
52, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	48	-	-	-	AM6
11, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
12 A, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
19, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
24, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
24, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
26, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
26, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
4, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
7, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46	-	46	46	48	-	-	-	-
33, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
35, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
60, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
9, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
16, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
16, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
18, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
19, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
3, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
27, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
2, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
63, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
12, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
14, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
21, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
36, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
46, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
6, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
22, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
6, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
14, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
22, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
24, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28 A, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
28, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
4, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
4, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
3, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
54, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
61, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
10, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	45	-	45	45	47	-	-	-	-
22, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
23, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
28, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
3, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
30, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
4, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
4, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
44, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
21, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
7, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
10, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
19, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
39, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
8, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
1, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
18, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
21, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
23, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
3 A, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
4, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
9, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
10, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
4, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
7, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
79, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
1, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
12, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
17, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
2, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
20, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
25, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
32, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
5, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
59, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
13, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
10, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
120, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
5, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
14, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
7, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
10, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
11, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
146, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
17, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
27, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
7, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
8, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
21, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
3, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
7, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
71, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	47	-	-	-	AM6
1, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
10, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
11 A, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
14, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
32, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
34, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
5, MONDOVI CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
6 A, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45	-	45	45	47	-	-	-	-
8, ASPEN CLOSE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	45	-	45	45	47	-	-	-	-
13, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
5, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
28, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
3, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
57, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
22, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
27, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
36, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
4, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
6, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
22, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
10, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
12, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
6, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
11, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
7, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
13, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	44	-	44	44	46	-	-	-	-
16, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
32, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
55, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
1, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
12, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
14, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
2, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
24, MONTELLA PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	44	-	44	44	46	-	-	-	-
7, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
23, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
6, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
12, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
5, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
18, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
21, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
40, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
5, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
6, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
7, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
9, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
235, KURRAJONG ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	44	-	44	44	46	-	-	-	-
118, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	44	-	44	44	46	-	-	-	-
7, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
19, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
47, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
53, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
10, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
26, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
41, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 A, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
6, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
7, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
11, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
24, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
8, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
10, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
135, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
144, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
175, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
2, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
42, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
5, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
7, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
11, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	44	-	44	44	46	-	-	-	-
13, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
2, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
7, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
150, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
17, SICILIA STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	44	-	44	44	46	-	-	-	-
20, MONTELLA PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	44	-	44	44	46	-	-	-	-
24, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
4, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
42, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
7, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
33, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
13, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
14, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
15, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
3 B, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
38, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
5, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
6, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
16, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
12, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
4, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
5, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
11, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
131, ASH ROAD, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	44	-	44	44	46	-	-	-	-
15, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
16, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
2, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
26, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
48, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
7, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
7, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
9, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
11, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
128, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
17, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
29, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
5, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
11, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
18, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
18, MONTELLA PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	44	-	44	44	46	-	-	-	-
2 A, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
2, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
3, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
5, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
8, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
23, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
41, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
51, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
57, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
10, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
11, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
13, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
3, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
30, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
5, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
9, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	46	-	-	-	-
136, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
137, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
14, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
18, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
2, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
27, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3 A, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
34, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44	-	44	44	46	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	43	-	43	43	45	-	-	-	-
13, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
3, VENEZIA STREET, PRESTONS NSW 2170	Recreational - Active	65	65	65	65	None	None	43	-	43	43	45	-	-	-	-
39, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
40, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
6, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
17, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
20, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
24, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
49, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
51, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
1, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
14, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
2, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
30, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
32, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
35, 37, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
7, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	43	-	43	43	45	-	-	-	-
25, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
3, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
36, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
43, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
32, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
65, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
7, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
9, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
12, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
131, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
138, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
14, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
20, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
28, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
35, CORRIMAL STREET, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	43	-	43	43	45	-	-	-	-
14, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
20 B, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
27, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
18, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
26, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
3, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
6, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
10, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
142, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
16, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
20 A, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
30, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
33, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
6, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
7, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
8, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
11, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	43	-	43	43	45	-	-	-	-
5, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
55, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
9, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
19, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
25, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
26, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
31, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
45, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
7, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
10, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
10, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
16, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
18, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
18, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
24, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
31, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
4 A, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
4, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
6 B, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
10, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
23, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
53, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
3, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
32, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
7, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
7, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
9, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
16, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
18, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
20, CHERRY PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	43	-	43	43	45	-	-	-	-
28, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
3, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
6, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
8, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
10, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
122, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	43	-	43	43	45	-	-	-	-
25, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
3, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
12, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
14, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
28, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
34, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
43, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
1, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
12, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
18, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
22, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
24, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
26, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
6, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
8, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
8, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
9, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	43	-	43	43	45	-	-	-	-
31, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
8, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
15, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
2, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
20, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
8, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
21, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
43, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	43	-	43	43	45	-	-	-	-
5, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
10, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
112, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
12, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	43	-	43	43	45	-	-	-	-
16, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
20, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
26, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
13, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
15, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
2, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
30, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
12, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
16, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
2, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
20, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
24, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
28, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
29, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
1 B, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
1, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
11, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
12, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
14, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
3, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
15, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
5, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43	-	43	43	45	-	-	-	-
12, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
13, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
195, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
4, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
5 B, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
56, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43	-	43	43	45	-	-	-	-
20, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
22, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
44, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
8, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
5, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
62, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
64, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
1 A, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
1, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
21, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
9, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
114, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
16, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
292, KURRAJONG ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
33, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
5, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
39, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
1, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
13, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
14, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
16, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
20, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
26, CHERRY PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	42	-	42	42	44	-	-	-	-
27, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
18, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
35, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
7, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
11, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
21, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
31, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
11, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
12, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	42	-	42	42	44	-	-	-	-
18, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
26 B, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
4 B, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
41, BARCELONA DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	42	-	42	42	44	-	-	-	-
5, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
60, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
7, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
8, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
116, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
126, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
15, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
22, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
3, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
37, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
41, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
12, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
22, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
25, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
4, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
7, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	42	-	42	42	44	-	-	-	-
28, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
8, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
9, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
1, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
1, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
1, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
16, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
27, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
6, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
13, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
13, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
16, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
16, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
17, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
58, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
15, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
13, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
13, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
14, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
15, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
2, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
34, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
12, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
5, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
20, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
34, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
8, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
17, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
7, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
104, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
14, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
3, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
7, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
8, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
8, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
17, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
18, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
2, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
20, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
7, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
9, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
14, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
34, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
38, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
6, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
7, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
25, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
33, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
8 B, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
1 B, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
1, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
11, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
13, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
14, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
15, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
183, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
23, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
38, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
6, HASSARATI PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
17, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
18, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
2, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
24, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
9 A, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
17, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
16, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
211, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
6, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
12, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
16, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
22, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
3, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
9, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
12, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
35, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	44	-	-	-	-
185, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
3, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
38, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
5, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	42	-	42	42	44	-	-	-	-
11, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
124, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
19, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
2, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
27, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
3, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
12, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
3 A, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
5, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
15, SICILIA STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	41	-	41	41	43	-	-	-	-
17, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
4, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
1 A, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
2, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
2, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
4, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
4, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
4, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
6, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
19, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
27, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
4, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
13, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
187, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
40, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
129, DALMENY DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	41	-	41	41	43	-	-	-	-
2, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
24, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
32, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
13, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
14, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
16, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
18, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
26, 28, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
26, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
3, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
38, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
5, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
7, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
8, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
9, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	41	-	41	41	43	-	-	-	-
19, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
9, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
10, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
10, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
2 B, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
21 MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
245, WONGA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	41	-	41	41	43	-	-	-	-
36, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
10, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
15, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
189, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
3, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
41, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
54, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
24, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
29, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
4, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
6, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
10, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
10, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
24, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
31, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
11, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
12, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
3, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
10, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
12, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
3, VENEZIA STREET, PRESTONS NSW 2170	Recreational - Active	65	65	65	65	None	None	41	-	41	41	43	-	-	-	-
9, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
14, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
29, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
5, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
10, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
13, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
15, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
191, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
42, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
5, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	41	-	41	41	43	-	-	-	-
7, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
13, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
29, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
30, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
5, BO TREE PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	41	-	41	41	43	-	-	-	-
13, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
18, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
22, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
6, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
8, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
9, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
12, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
135, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
148, DALMENY DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	41	-	41	41	43	-	-	-	-
193, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
7, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
15, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
15, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
6, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41	-	41	41	43	-	-	-	-
10 EMILIA PLACE, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	41	-	41	41	43	-	-	-	-
14, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
15, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
23, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
36, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
4, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
7, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41	-	41	41	43	-	-	-	-
10, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
110, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
128, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
13, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
18, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
34, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
4, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
11, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
17, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
25, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
6, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
6, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
11, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
19, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
25, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
5, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
5, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
9, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	40	-	40	40	42	-	-	-	-
21, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
49, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
1, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
15, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
34, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
10, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
17, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
207, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
21, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
22, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
25, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
3 A, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
6, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
8, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
48, BERNERA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	40	-	40	40	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
15, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
27, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
57, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
9, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
9, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
14, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
14, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
154, DALMENY DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	40	-	40	40	42	-	-	-	-
2, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
20, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
56, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
58, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	40	-	40	40	42	-	-	-	-
10, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
107, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
12, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
4, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
97, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
99, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
11, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
18, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
23, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
4, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
6, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
8 A, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
19, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
19, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
203, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
21, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
31, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
4, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
8, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
10, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	40	-	40	40	42	-	-	-	-
13, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
14, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
17, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
19, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
45, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
25, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
264, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
27, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
3, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
123, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
161, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
19, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
19, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
22, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
4, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
6, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
6, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
10, BURANDO ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	40	-	40	40	42	-	-	-	-
101, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
103, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
111, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
15, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
17, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
2 A, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
29, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
292, KURRAJONG ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
8, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
21, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
33, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
4, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
6, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
8, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
1, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
10, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
161, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
3, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	40	-	40	40	42	-	-	-	-
42, CEDAR ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
52, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
8, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
9, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	40	-	40	40	42	-	-	-	-
18, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
20, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
38, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
1, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
5, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
2, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
3, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
10, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
11, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
12, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
12, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
23, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
35, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
7, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
98, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
2, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
250, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
35, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
9, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
1 A, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
18, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
18, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
205, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
213, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
215, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
26, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
31, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
39, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
12, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	40	-	40	40	42	-	-	-	-
16, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
37, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
110, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
153, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
14, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
16, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
21, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
23, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
7, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
7, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
72, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
18, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
24, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
27, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
28, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
34, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
9, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
16, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
19, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
24, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
4, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
6, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
29, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
20, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
20, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
22, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
11, BO TREE PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	40	-	40	40	42	-	-	-	-
17, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
17, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
18, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
3, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
32, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
13, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
18, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
30, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
157, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
163, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
20, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
11, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
11, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
14, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
19, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-
1, HASSARATI PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
14, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
215, ASH ROAD, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	40	-	40	40	42	-	-	-	-
3, HASSARATI PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
4, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
5, WOONONA ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-
119, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
21, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
17, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
244, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
40, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
10, LAVENDER CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
10, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
15, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
20, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
3, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
4, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
8, LAVENDER CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
115, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
3, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
47, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
5, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
5, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
21, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
25, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
98, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
26, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
45, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
17, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
209, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
21, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
23, DEE CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
38, 46, BERNERA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39	-	39	39	41	-	-	-	-
113, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
4, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
6, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
9, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
100, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
14, WITCHHAZEL PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
96, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
17, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
256, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
26, 28, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
36, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
12, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
43, CEDAR ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
5, CHIENTI PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	39	-	39	39	41	-	-	-	-
5, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
9, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
10, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
17, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
31, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
47, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
19, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
43, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
47, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
14, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
19, DEE CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
215, ASH ROAD, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	39	-	39	39	41	-	-	-	-
22, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
23, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
237, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
7, HASSARATI PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
9, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
11, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
25, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
27, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
31, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
5, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
14, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
21, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
23, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	39	-	39	39	41	-	-	-	-
245, WONGA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39	-	39	39	41	-	-	-	-
3, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
4, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
13, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
137, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
19, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
2, HASSARATI PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
20, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
23, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
3, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
10, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
102, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
13, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
6, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
94, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
161, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
2, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
2, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
245, WONGA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39	-	39	39	41	-	-	-	-
32, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
34, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
37, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
4, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
5, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
12 B, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
15, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39	-	39	39	41	-	-	-	-
17, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
177, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
3, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
39, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39	-	39	39	41	-	-	-	-
5 A, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
14, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
20, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
3, LAZIO PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
36, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
38, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
8, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
17, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
242, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
245, WONGA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39	-	39	39	41	-	-	-	-
28, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
3, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
4, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
52, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
8, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
140, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
237, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
25, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
33, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
39, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
40, CEDAR ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
45, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
12, WITCHHAZEL PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
10, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
11, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
16, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
2, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
34, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
5, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
5, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
53, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
68, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
8, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
9, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
13, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
14, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
145, CEDAR ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
21, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
24, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
33, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
42, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
7, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
7, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
8, BOAB PLACE, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	39	-	39	39	41	-	-	-	-
113, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
119, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
35, CORRIMAL STREET, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39	-	39	39	41	-	-	-	-
96, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
15, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
4, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
5, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39	-	39	39	41	-	-	-	-
1 B, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
19, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
20, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
22, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
3, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-
15, 19, YATO ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39	-	39	39	41	-	-	-	-
117, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	38	-	38	38	40	-	-	-	-
2 B, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
22, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
32, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
4, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
18, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
20, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
9, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
21, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
21, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
23, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
7, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
1, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
102, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
11, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
123, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	38	-	38	38	40	-	-	-	-
14, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
17, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
7, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
1, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
14, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
16, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
16, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
24, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
3, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
31, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
10, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
139, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
16, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
19, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
33, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
5, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
6, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
9, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
111, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
15, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
15, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
24, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
3, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
4, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
6, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
238, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
3, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
10, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
129, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
133, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
15, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
41, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
42, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
45, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
6, LAVENDER CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
7, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
8, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
26, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
2, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
240, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
52, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
6, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
7, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
16, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
2, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
15, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
24, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
9, MAGNOLIA CLOSE, CASULA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
16, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
5, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
11, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
13, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
14, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
15, WOONONA ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
16, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
18, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
215, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
3, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
39, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
5, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
7, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
8, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
10, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
108, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
13, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
3, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
3, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
4, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
5, BOAB PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
32, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
37, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
42, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
66, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
142, DALMENY DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	38	-	38	38	40	-	-	-	-
20, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
215, ASH ROAD, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	38	-	38	38	40	-	-	-	-
25, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
29, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
35, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
5, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
7, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
8, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
9, SICILIA STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	38	-	38	38	40	-	-	-	-
100, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
15, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
26, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
38, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
6, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
8, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
15, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
16, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
3, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
3, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
30, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
5, APPLEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
53, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
1, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
10, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
15, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
27, 29, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
29, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
115, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
13, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
15, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
292, KURRAJONG ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
48, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
245, WONGA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
29, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
62, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
1, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
11, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
16, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
31, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
5 B, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
5, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
7, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
8, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
17, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
30, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
12, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
23, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
4, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
49, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
8, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
10, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
140, DALMENY DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	38	-	38	38	40	-	-	-	-
147, CEDAR ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
149, CEDAR ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
2, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
2, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
23, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
27, 29, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
27, 29, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
29, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
31, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
48, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
6, BOAB PLACE, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	38	-	38	38	40	-	-	-	-
6, FIR CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
9, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
10, BURANDO ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
1, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
10, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
11, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
120, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	38	-	38	38	40	-	-	-	-
15, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
28, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
50, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
6, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
8, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
16, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
262, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
49, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
11, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
13, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	40	-	-	-	-
146, DALMENY DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	38	-	38	38	40	-	-	-	-
17, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
17, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
27, 29, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
10, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
109, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	38	-	38	38	40	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	38	-	38	38	40	-	-	-	-
5, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
151, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
3, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
13, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
260, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
266, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
45, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	40	-	-	-	-
11, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
4, FIR CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
50, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-
292, KURRAJONG ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
4, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
54, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
7, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
8, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
9, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
100, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
2, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
22, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
258, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
56, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
61, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
11, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
12, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
12, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
2, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
27, 29, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
3, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
35, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
4, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
41, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
43, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
5, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
16, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
4, LAZIO PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
45, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
5, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
7, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
12, LAVENDER CLOSE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
17, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
18, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
246, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
28, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
43, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
70, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
74, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
15, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
17, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
23, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
3, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
8, FIR CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
105, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
11, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
19, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
104, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
13, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
14, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
18, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
46, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
48, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
25, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
26, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
4, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	37	-	37	37	39	-	-	-	-
48, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
8, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	37	-	37	37	39	-	-	-	-
18, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
20, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
21, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
7, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
14, LAVENDER CLOSE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
165 CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
17, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
27, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
252, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
254, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
38, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
55, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	37	-	37	37	39	-	-	-	-
17, WOONONA ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
21, DEE CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
25, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
30, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
34 FLAME TREE STREET, CASULA NSW 2170	Recreational - Passive	60	60	60	60	None	None	37	-	37	37	39	-	-	-	-
12, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
3, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
1, BOAB PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
18, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
22, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
256, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
58, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
64, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
76, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
11, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	37	-	37	37	39	-	-	-	-
147, CEDAR ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
17, DEE CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
2, LAVENDER CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
22, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
25, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
25, DEE CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
26, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
29, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
30, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
1, LAVENDER CLOSE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
3, BOAB PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
236, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
238, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
70, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
76, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
1, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
17, DEE CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
27, 29, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
3, SICILIA STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	37	-	37	37	39	-	-	-	-
6, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
8, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
8, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
8, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
120, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
19, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
28, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
4, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
49, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
55, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
6, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
68, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
27, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
4, LAVENDER CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	37	-	37	37	39	-	-	-	-
7, 9, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	37	-	37	37	39	-	-	-	-
9, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
9, WOONONA ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
19, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
20, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
9, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
109, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
120, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
14, WITCHHAZEL PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
41, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
44, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
45, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
46, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
64, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
65, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
66, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
24, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
25, DEE CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
3, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
6, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
11, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
117, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
28, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
56, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
9, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
13, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
24, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
248, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
41, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
47, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
54, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
62, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
69, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-
33, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-
6, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	37	-	37	37	39	-	-	-	-
9, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
12, WITCHHAZEL PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
47, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
72, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
131, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
17, DEE CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
34, FLAME TREE STREET, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
34, FLAME TREE STREET, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
10, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
16, LAVENDER CLOSE, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
26, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
60, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
18, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
25, BOTTLEBRUSH AVENUE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
9, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
10, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
19, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
36, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
46, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
50, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
17, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
21, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
30, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
5, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
9, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
9, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
17, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
19, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
15, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
157, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
19, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
21, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
8, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	36	-	36	36	38	-	-	-	-
8, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
105, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
46, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
94, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
234, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
3, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
11, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
21, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
8, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
6, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
8, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
7, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
3, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
48, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
61, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
19, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
6, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
7, 9, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	36	-	36	36	38	-	-	-	-
109, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
11, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
2, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
10, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
23, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
252, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
54, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
23, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
27, BOTTLEBRUSH AVENUE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
29, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
4, HASSARATI PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
159, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
30, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
187, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
24, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
25, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
18, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
3, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
10, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
4, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
14, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
16, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
112, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
138, DALMENY DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	36	-	36	36	38	-	-	-	-
23, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
262, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
58, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-
27, BOAB PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-
22, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
13, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
12, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
13, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
12, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
33, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
4, MANILDRA STREET, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	35	-	35	35	37	-	-	-	-
52, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
65, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
11, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
20, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
5, HASSARATI PLACE, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	35	-	35	35	37	-	-	-	-
10, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
240, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
33, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
21, MONTELLA PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	35	-	35	35	37	-	-	-	-
12, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	35	-	35	35	37	-	-	-	-
41, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
43, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
111, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
10, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	35	-	35	35	37	-	-	-	-
11 A, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
19, INCENSE PLACE, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	35	-	35	35	37	-	-	-	-
28, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
22, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
11 A, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
4, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
9, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
107, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
6, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
5, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
33, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
48, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
12, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
21, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
113, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
11, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
114, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
127, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
13, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
133, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
15, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
62, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
51, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	37	-	-	-	-
13, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
15, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
5, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
7, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	37	-	-	-	-
8, MONTELLA PLACE, PRESTONS NSW 2170	Non-receiver	999	999	999	999	None	None	35	-	35	35	37	-	-	-	-
49, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
13, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
25, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
7, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
1 A, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
103, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
37, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
51, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
6, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
15, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
19, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
35, 37, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
7, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34	-	34	34	36	-	-	-	-
117, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
3, LAVENDER CLOSE, CASULA NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
116, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
125, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
8, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
14, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
14, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
16, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
264, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
3, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
37, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34	-	34	34	36	-	-	-	-
14, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
92, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
6, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
12, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
33, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
35, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	34	-	34	34	36	-	-	-	-
34, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
3, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34	-	34	34	36	-	-	-	-
100, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
5, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
55, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
27, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
5, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
5, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
292, KURRAJONG ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
33, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
39, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
47, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-
135, PINE ROAD, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	34	-	34	34	36	-	-	-	-
9, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
18, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	36	-	-	-	-
20, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
31, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
33, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
49, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
28, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
31, INCENSE PLACE, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	33	-	33	33	35	-	-	-	-
20, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
45, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
71, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
19, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
26, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
33, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
37, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
11, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
13, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
37, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
104, PINE ROAD, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	33	-	33	33	35	-	-	-	-
5, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
5, WOONONA ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
9, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
42, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
59, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
215, ASH ROAD, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	33	-	33	33	35	-	-	-	-
11, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
14, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
18, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
28, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
30, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
7, WOONONA ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
35, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
5, LAZIO PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
7, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
7, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
11, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
18, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
38, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
57, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
8, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
112, PINE ROAD, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	33	-	33	33	35	-	-	-	-
266, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
13, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
20, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	35	-	-	-	-
5, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
256, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
59, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	35	-	-	-	-
11, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
7, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
9, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
17, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
23, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
121, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
5, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
106, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
211, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
115, PINE ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
16, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
50, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
59, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
21, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
3, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
262, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
51, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
135, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
22, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
25, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
39, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
6, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
16, LAVENDER CLOSE, CASULA NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
108, PINE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
13, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
133, PINE ROAD, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	32	-	32	32	34	-	-	-	-
15, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
19, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
193, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
9, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
35, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
36, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
13, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	32	-	32	32	34	-	-	-	-
6, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
21, BOTTLEBRUSH AVENUE, CASULA NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
3, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
14, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
16, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
31, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-
23, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
26, FOXGROVE AVENUE, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	32	-	32	32	34	-	-	-	-
15, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
26, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-
16, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
23, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
256, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
59, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
61, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
8, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
1, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	31	31	33	-	-	-	-
6, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
52, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
15, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	31	31	33	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
29, INCENSE PLACE, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	31	-	31	31	33	-	-	-	-
43, CEDAR ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	31	31	33	-	-	-	-
10, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	31	-	31	31	33	-	-	-	-
254, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
63, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
21, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
34, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
25, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
34, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
57, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-
19, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	31	31	33	-	-	-	-
7, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	31	31	33	-	-	-	-
246, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
67, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
11, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
53, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
21, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30	-	30	30	32	-	-	-	-
165, CEDAR ROAD, CASULA NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
23, NETTLETREE PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
55, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
27, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
44, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
27, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30	-	30	30	32	-	-	-	-
9, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30	-	30	30	32	-	-	-	-
18, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
54, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
10, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
17, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30	-	30	30	32	-	-	-	-
54, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
63, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	30	-	30	30	32	-	-	-	-
7, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30	-	30	30	32	-	-	-	-
9, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	30	-	30	30	32	-	-	-	-
105, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29	-	29	29	31	-	-	-	-
24, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29	-	29	29	31	-	-	-	-
7, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29	-	29	29	31	-	-	-	-
2, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29	-	29	29	31	-	-	-	-
23, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	29	29	31	-	-	-	-
3, WOONONA ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	29	29	31	-	-	-	-
34, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	29	29	31	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
54, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29	-	29	29	31	-	-	-	-
23, BOTTLEBRUSH AVENUE, CASULA NSW 2170	Residential	59	54	54	53	63	65	29	-	29	29	31	-	-	-	-
17, BOTTLEBRUSH AVENUE, CASULA NSW 2170	Residential	59	54	54	53	63	65	29	-	29	29	31	-	-	-	-
29, CORRIMAL STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	29	29	31	-	-	-	-
67, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	29	-	29	29	31	-	-	-	-
12, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	29	-	29	29	31	-	-	-	-
6, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29	-	29	29	31	-	-	-	-
23, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
39, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	28	-	28	28	30	-	-	-	-
205, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28	-	28	28	30	-	-	-	-
21, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
12, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
16, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
16, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28	-	28	28	30	-	-	-	-
250, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
25, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	28	-	28	28	30	-	-	-	-
3, BOAB PLACE, CASULA NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
26, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
61, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
71, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
51, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28	-	28	28	30	-	-	-	-
16, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	28	-	28	28	30	-	-	-	-
20, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28	-	28	28	30	-	-	-	-
15, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	28	-	28	28	30	-	-	-	-
119, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27	-	27	27	29	-	-	-	-
7, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	27	-	27	27	29	-	-	-	-
19, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	27	-	27	27	29	-	-	-	-
28, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27	-	27	27	29	-	-	-	-
1, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	27	-	27	27	29	-	-	-	-
27, INCENSE PLACE, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	27	-	27	27	29	-	-	-	-
17, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	26	-	26	26	28	-	-	-	-
1, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26	-	26	26	28	-	-	-	-
29, MAPLE ROAD, CASULA NSW 2170	Non-receiver	999	999	999	999	None	None	26	-	26	26	28	-	-	-	-
53, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	26	-	26	26	28	-	-	-	-
21, MARJORIE CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	26	-	26	26	28	-	-	-	-
73, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	26	-	26	26	28	-	-	-	-
262, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	26	-	26	26	28	-	-	-	-
97, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26	-	26	26	28	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
23, BOTTLEBRUSH AVENUE, CASULA NSW 2170	Residential	59	54	54	53	63	65	25	-	25	25	27	-	-	-	-
2, NETTLETREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	25	-	25	25	27	-	-	-	-
258, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	25	-	25	25	27	-	-	-	-
13, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	23	-	23	23	25	-	-	-	-
19, FOXGROVE AVENUE, CASULA NSW 2170	Residential	56	51	50	44	55	65	23	-	23	23	25	-	-	-	-

APPENDIX C Noise level above nominated target

Noise level above NML Day (area 1 of 2)



Noise level above NML Day (area 2 of 2)



Noise level above NML Day (OOH) (area 1 of 2)



Noise level above NML Day (OOH) (area 2 of 2)



Noise level above NML Evening (area 1 of 2)



Noise level above NML Evening (area 2 of 2)



Noise level above NML Night (area 1 of 2)



Noise level above NML Night (area 2 of 2)



16 August 2024

2024-08-16_TN188-04 M7S CA ALCA 20 - ID TN188_1535.docx

John Holland

[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **M7S CA ALCA 20** (Gatewave ID TN188_1535)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JOHN HOLLANDRP-M7A-EN-PLN-00000_M12East_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

If there are any vibration intensive plant and equipment, the recommended minimum working distances (MWD) are presented in Table 4.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
ALCA 20								
Concrete Agi	1	-	1	1	108	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Excavator with bucket (35T)	1	-	1	1	108	112	-	-
Concrete vibrator	1	-	1	1	97	100	-	-
Grader (140H)	1	-	1	1	113	121	-	-
Skid steer / Bobcat (10T)	1	-	1	1	104	109	-	-
Delivery truck	1	-	1	1	106	111	-	-
Material delivery truck	1	-	1	1	106	111	-	-
Tipper	1	-	1	1	103	111	-	-
Compactor / Wacker packer	1	-	1	1	108	110	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in **orange** are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 3. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 5. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
M7_NCA13	0 to 10	1	0 to 5		0 to 5	2	0 to 5	9
	> 10	0	5 to 15		5 to 15	5	5 to 15	7
	Over 75 dB(A)	2	15 to 25		15 to 25	2	15 to 25	3
			> 25		> 25	0	> 25	0
M7_NCA15	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA14	0 to 10	20	0 to 5		0 to 5	43	0 to 5	81
	> 10	0	5 to 15		5 to 15	35	5 to 15	64
	Over 75 dB(A)	0	15 to 25		15 to 25	1	15 to 25	8
			> 25		> 25	0	> 25	0
M12_NCA02	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA11	0 to 10	0	0 to 5		0 to 5	6	0 to 5	20
	> 10	0	5 to 15		5 to 15	0	5 to 15	1
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA10	0 to 10	0	0 to 5		0 to 5	0	0 to 5	4
	> 10	0	5 to 15		5 to 15	0	5 to 15	1

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
M7_NCA12	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Educational	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Industrial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Recreational - Active	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The recommended MWDs for cosmetic damage and human annoyance are presented in Table 4.

Table 4: Generic minimum working distances for cosmetic damage and human annoyance

Plant item	Reference	Minimum working distance, m			
		Cosmetic damage (screening criteria)		Human comfort (screening limit)	
		Heritage buildings	Non-heritage	Residential[1]	Non-residential[2]
Compactor / Wacker packer	RTA COMPAC_007	5	5	15	5

Notes:

1. Screening limit for residences, night time
2. Screening limit for offices, schools, educational institutions and places of worship (day or night)

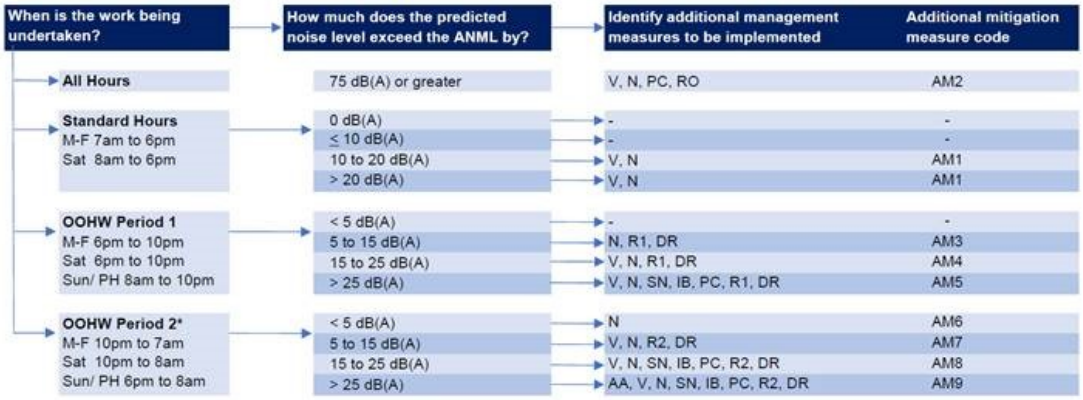
4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures



When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 5 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 5: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA13	113 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	80	-	80	80	88
M7_NCA13	111 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	76	-	76	76	84
M7_NCA13	109 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	70	-	70	70	78
M7_NCA15	20, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49
M7_NCA15	28, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48
M7_NCA15	22, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48
M7_NCA14	98A-98C DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	68	-	68	68	76

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA14	100 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	63	-	63	63	71
M7_NCA14	102 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70
M12_NCA02	38 ATHLONE STREET, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	36	-	36	36	44
M12_NCA02	4 HAREWOOD PLACE, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	35	-	35	35	43
M12_NCA02	40 ATHLONE STREET, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	32	-	32	32	40
M7_NCA11	175 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58
M7_NCA11	1 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA11	173 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57
M7_NCA10	185 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	52	-	52	52	60
M7_NCA10	183 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57
M7_NCA10	181 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57
M7_NCA12	13, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52
M7_NCA12	3, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
M7_NCA12	29, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52

4.3.3 Vibration monitoring

It is noted that the generic MWDs in Table 4 are taken from a database of vibration levels measured at various sites or obtained from other sources (e.g. BS5228-2:2009). They are not specific to these works as final vibration levels are dependent on many factors including the actual plant used, its operation and the intervening geology between the activity and the receiver.

Site specific MWDs for vibration significant plant items must be measured on site where plant and equipment are likely to operate close to or within the generic MWDs for both cosmetic damage and human annoyance. These site specific MWDs will then be included in Gatewave.

If works are likely to be within the generic or site specific MWDs, attended vibration monitoring is to be undertaken to verify that vibration levels comply with the vibration objectives described in the NVMP.

Additional monitoring for human annoyance from vibration would be carried out proactively and in response to vibration complaints.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 0 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

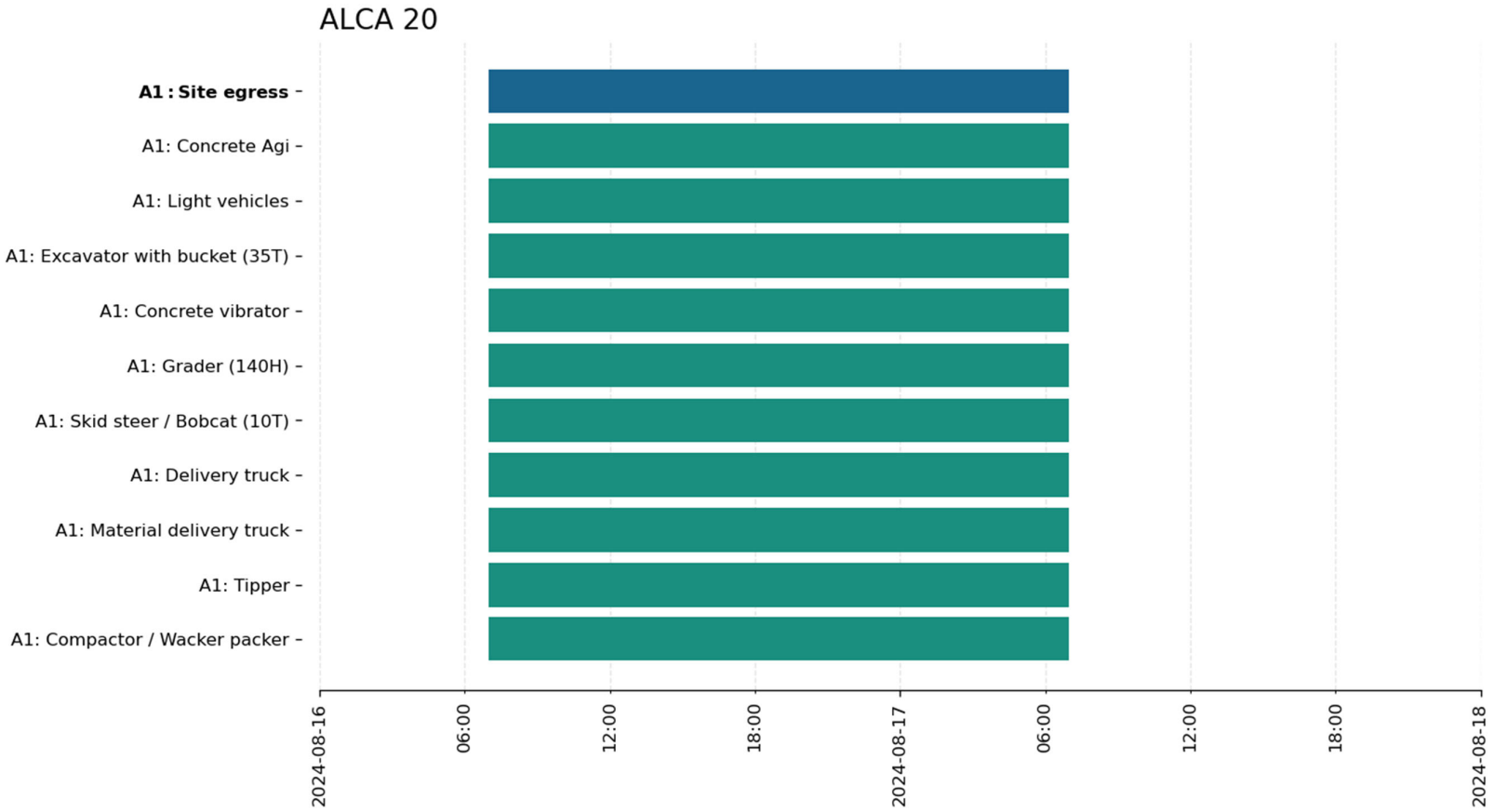
APPENDIX A Summary of works

A.1 Plant and equipment

Table 6: Plant and equipment schedule for work area: ALCA 20

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Site egress								
Concrete Agi	-	1	100%	0	108	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Excavator with bucket (35T)	-	1	100%	0	108	112	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Concrete vibrator	-	1	100%	0	97	100	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Grader (140H)	-	1	100%	0	113	121	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Delivery truck	-	1	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Material delivery truck	-	1	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Tipper	-	1	100%	0	103	111	2024-08-16 07:00:00	2024-08-16 19:00:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Compactor / Wacker packer	-	1	100%	0	108	110	2024-08-16 19:00:00	2024-08-17 07:00:00
							2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00


ALCA 20
A1 : Site egress
A1: Concrete Agi
A1: Light vehicles
A1: Excavator with bucket (35T)
A1: Concrete vibrator
A1: Grader (140H)
A1: Skid steer / Bobcat (10T)
A1: Delivery truck
A1: Material delivery truck
A1: Tipper
A1: Compactor / Wacker packer
2024-08-16
06:00
12:00
18:00
2024-08-17
06:00
12:00
18:00
2024-08-18

APPENDIX B Detailed construction noise results

Table 7: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
113 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	80	-	80	80	88	AM1	-	AM1	AM9
111 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	76	-	76	76	84	AM1	-	AM1	AM9
109 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	70	-	70	70	78	-	-	AM3	AM8
98A-98C DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	68	-	68	68	76	AM2	-	AM4	AM8
103 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	67	-	67	67	75	-	-	AM3	AM8
105 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	67	-	67	67	75	-	-	AM3	AM8
None	Non-receiver	999	999	999	999	None	None	65	-	65	65	73	-	-	-	-
99 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	65	-	65	65	73	-	-	AM3	AM7
101 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	64	-	64	64	72	-	-	AM3	AM7
97 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	63	-	63	63	71	-	-	-	AM7
100 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	63	-	63	63	71	-	-	AM3	AM8
102 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
96A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
108 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
104 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-	-	AM3	AM8
95 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	61	-	61	61	69	-	-	-	AM7
106 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	61	-	61	61	69	-	-	AM3	AM8
40 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	60	-	60	60	68	-	-	AM3	AM8
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	58	-	58	58	66	-	-	AM3	AM7
None	Non-receiver	999	999	999	999	None	None	58	-	58	58	66	-	-	-	-
107 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	58	-	58	58	66	-	-	-	AM7
63-65 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	58	-	58	58	66	-	-	AM3	AM7
85 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	56	-	56	56	64	-	-	-	AM7
64, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
81 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	56	-	56	56	64	-	-	-	AM7
10, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
24, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
8, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-	-	AM3	AM7
79 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	55	-	55	55	63	-	-	-	AM6
12, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
4, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
18, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
83 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	55	-	55	55	63	-	-	-	AM6
87 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	55	-	55	55	63	-	-	-	AM6
116, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
36 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7
9, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-	-	AM3	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
118, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
26, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
37 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
46 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
120, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
35 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
93A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	54	-	54	54	62	-	-	-	AM6
14, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
7, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
2, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
20, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
22, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
30, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
32, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
5, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
None	Non-receiver	999	999	999	999	None	None	54	-	54	54	62	-	-	-	-
28, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-	-	AM3	AM7
16, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
6, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
None	Non-receiver	999	999	999	999	None	None	53	-	53	53	61	-	-	-	-
122, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
44 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
92 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
61 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
124, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
128, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
15, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
17, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
3, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-	-	-	AM7
1, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
126, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
29, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
185 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	52	-	52	52	60	-	-	-	AM7
136, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
60, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
130, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
2, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-	-	-	AM7
132, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
67 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
134, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
33 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
42 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
6, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
51 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
31 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
59 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-	-	AM7
61 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
65 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
59 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	51	-	51	51	59	-	-	-	AM6
87, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
57 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
88 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
23 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
62, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
None	Non-receiver	999	999	999	999	None	None	50	-	50	50	58	-	-	-	-
13, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
75, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
175 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
41 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
89 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
10, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
20, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
24 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
38 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
53 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	50	-	50	50	58	-	-	-	-
27 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-	-	AM7
1 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
173 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
91 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	49	-	49	49	57	-	-	-	-
11, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
25 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
183 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57	-	-	-	AM6
68, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
3 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
181 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57	-	-	-	AM6
34 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
169 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
179 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	49	-	49	49	57	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
177 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
73, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
49 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	49	-	49	49	57	-	-	-	-
73 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	49	-	49	49	57	-	-	-	-
4, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
86 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	-	AM6
167 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
82 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
75 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
70, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
69 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
4, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
90 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
8, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
8, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
47 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
18, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
45 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
76 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	-
163 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
14, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	-
55-57 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
15, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
30, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
72, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
81, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
43 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
55 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	48	-	48	48	56	-	-	-	-
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	-	AM6
105, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
91, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
157, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	-
101, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
24, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
18 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
23, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
161 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
39 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	47	-	47	47	55	-	-	-	-
16, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
28, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
4 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
50, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
171 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
37 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	47	-	47	47	55	-	-	-	-
19 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	-	AM6
145, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	47	-	47	47	55	-	-	-	AM6
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	47	-	47	47	55	-	-	-	-
33 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	47	-	47	47	55	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	-
149, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	46	-	46	46	54	-	-	-	-
22, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
63, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
86, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
35 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	46	-	46	46	54	-	-	-	-
141, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	46	-	46	46	54	-	-	-	-
29 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
32, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
8 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
82, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
32 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
45 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
29 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	46	-	46	46	54	-	-	-	-
31 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	46	-	46	46	54	-	-	-	-
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
95, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
137, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	46	-	46	46	54	-	-	-	-
8, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
None	Non-receiver	999	999	999	999	None	None	46	-	46	46	54	-	-	-	-
106, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
165 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
26 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
3 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
71, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
99, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	46	-	46	46	54	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
31, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
17, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	46	-	46	46	54	-	-	-	-
13 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
23, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
64, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
72 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
89, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	-	AM6
133, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	45	-	45	45	53	-	-	-	-
67, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
74 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
79, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
103, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
80 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
86, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
147, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	-
159 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
1 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
21, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
41 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
58, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
66 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
1, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
13, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
39 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
4, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
7, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
129, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	45	-	45	45	53	-	-	-	-
77, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
114, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
25, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
26 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
29 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
35, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
80, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
90, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
145, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	-
153, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	45	-	45	45	53	-	-	-	-
26 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
30 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
17 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
35, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
153 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
71 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	45	-	45	45	53	-	-	-	-
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
41 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
60, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
125, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
157 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
17, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
3, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
125, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
18, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
96, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
68 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
157, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
37 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
37 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
51 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
121, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-
44, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
54, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
10, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
13, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
77 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	44	-	44	44	52	-	-	-	-
12 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
133, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
4, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
6 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
117, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
39 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
52, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
69, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
3, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
24, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
31 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
117, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	44	-	44	44	52	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
27 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	44	-	44	44	52	-	-	-	-
28 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
35, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
49 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
85, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
100, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
102, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
9, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
102, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
12, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
20, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
29, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
5, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
113, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
93, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
135 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
11, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
19, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
2 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
24, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
3, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
45, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
48 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
14 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
21, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
5, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
112, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
28, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
11, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
22 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
35 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
109, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	43	-	43	43	51	-	-	-	-
2, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
43, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
49 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
11 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
16, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
8, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-
13, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
2, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
42 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
84, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
27 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
15 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
22, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
15, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
30, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
56, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
105, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	43	-	43	43	51	-	-	-	-
296, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
9, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
19, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
23, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
37 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
97, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
115, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-
139 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
2, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
16, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
143 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
53, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
101, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	42	-	42	42	50	-	-	-	-
12, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
10, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
26, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
93, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
14, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
33, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
22, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
97, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	42	-	42	42	50	-	-	-	-
150 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
17, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
40, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
7, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
83, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
4, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
63 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	60	65	42	-	42	42	50	-	-	-	-
20 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
21, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
48 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
27 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
94, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
12, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
13 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
47 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
5 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
51, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
22 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
34 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
11, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
14 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
24, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
36 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
17, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
21 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
26, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
90, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
41, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
26, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
29, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
5, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
92, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
25, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
7, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
8, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
13 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
30, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
33 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
95, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	41	-	41	41	49	-	-	-	-
141 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
44, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
9 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
1 A, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
25, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
3, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
40 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
88, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
21, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
11, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
14, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
58 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
10, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
4 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
9 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
91, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	41	-	41	41	49	-	-	-	-
95, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	41	-	41	41	49	-	-	-	-
14, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
21 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
32 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
46 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
86, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
39, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
41, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
6, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
133 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
15 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
19 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
44 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
46, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
5, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
50 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
8, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
12, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
19, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
30, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
43, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
13, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
19, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
6 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
6, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
24, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
41, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
7, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
31 A, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
12, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
30 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
7 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
110, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
52 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
54 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
36 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
9, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
5 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	41	-	41	41	49	-	-	-	-
43A ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
5 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
155 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
32, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
10, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
5, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
17 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
46 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
47, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
93, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
13, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
38 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
40 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
13, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
69, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
38 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
56 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
65, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
1 A, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
127 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
147 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
23, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
32 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
48, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
54, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
18, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
29 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
35 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
37, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
137 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
20 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
30 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
35 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
4, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
43, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
41, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
50, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
25 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	40	-	40	40	48	-	-	-	-
15 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
23, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
12, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
34 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
46, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
82, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
52, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
21 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	40	-	40	40	48	-	-	-	-
12 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
11, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
141 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
145 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
160 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
18 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
31 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
8, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
36 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
27, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
149 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
48, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
40, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
32 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
139 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
26 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
29 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
42 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
44, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
10, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
33, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
40 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
8 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
82, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
22, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
10, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
10, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
137 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
151 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
7, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
32 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
40, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
47, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
35 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	40	-	40	40	48	-	-	-	-
26 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
38 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
55, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
57, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	40	-	40	40	48	-	-	-	-
108, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
135 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
157 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
24 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
30 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
24, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
26, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
45, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
10 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
12, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
13, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
133 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
22 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
3, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
38, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
33, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
3, DONN STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
16, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
19, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
24, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
8, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
9, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
9, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
18, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
55, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
127 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
22, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
28, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
31, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
17, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
32 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
42, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
31 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
4 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
9, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
21, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
5, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
9, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
17, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
33 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
31 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
87, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	39	-	39	39	47	-	-	-	-
10, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
152 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
18 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
34, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
6, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
76, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
32 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
18, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
36 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
154 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
22 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
23 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
30, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
74, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
25 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
3 B, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
35, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
37, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
60, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
7 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
19 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
23 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
46, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
2 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
83, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
129 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
72, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
64, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
7, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
12, MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
14 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
14, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
8, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
23 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
4 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
109 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
131 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
18 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
9, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
16, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
17 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	39	-	39	39	47	-	-	-	-
14, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
20, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
47, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
17, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
70, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
8 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
3 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
38 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
44 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
61, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
129 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
40, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
68, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
39, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
4, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
46, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
5, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
56, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
6 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
16 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
28, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
30, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
12, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
20 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
6, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
29, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
70, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
32, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
34, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
36, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
20, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
20, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
26, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
40, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
48, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
10 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
30 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
22 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
1, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
12 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
49, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
73, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
21, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
66, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
20 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
23, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
32, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
16 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
19 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
11 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
23, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
27, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
31, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
64, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
300, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
11, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
35 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
65, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
12, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
16 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
5, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
15 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
40, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
43, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
68, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
84, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
22, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
5, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
9, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
34 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
3, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
57, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
8, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
1 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
33 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	38	-	38	38	46	-	-	-	-
77, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	38	-	38	38	46	-	-	-	-
125 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
44, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
58, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
60, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
18, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
14 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
4 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10A HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
15, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
36 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
36, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
38, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
49, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
11 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
37 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
44 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
39, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
48, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
31 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
8, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
121 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
155 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
21, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
10 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
34, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
34, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
36 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
44, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
51, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
22 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	37	-	37	37	45	-	-	-	-
12, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
14, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
27 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
34 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
22 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
72, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
8 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
9 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
26, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
36, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
23, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
4, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
20, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
25 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
25 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
33 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
46 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
1 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
158 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
17, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
27, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
35, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
25 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
25 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
5, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
18 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	37	-	37	37	45	-	-	-	-
12, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
23 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
28, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
32 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
44 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
35 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
23 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
49, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
33 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
141 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
17 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
25 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
76, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
12 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
62, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
8 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
99 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
25, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
40, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
11 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
32, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
76, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
45, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
52 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
82, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
12 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
16, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
32, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
1, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
31, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
43, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
28 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	37	-	37	37	45	-	-	-	-
36, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
53, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
11 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
21, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
8 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
1 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
51, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
53, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
58, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
10 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
33, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
13 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
139 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
30, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
38 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
2, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
62, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
66, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
12 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	37	-	37	37	45	-	-	-	-
27 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
26 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
34 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
14, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
304, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
38, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
27, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
29 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
78, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
36, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
37, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
10 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
10 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
23 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	36	-	36	36	44	-	-	-	-
34 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	36	-	36	36	44	-	-	-	-
19, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
21 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
38, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
8, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
10 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
16, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
32 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
25 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
74, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
97 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
11, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
30, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
47, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
23, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
27 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
22 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
25, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
46 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
12, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
28, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
51, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
1 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
21, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
28 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
29 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
29, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
70, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
10 B, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
298, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
31, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
42 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
45, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
49, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
10 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
6 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
23, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
23, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
26 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
21 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
66, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
1 B, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
14, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
14, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
3, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
34, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
37 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	36	-	36	36	44	-	-	-	-
1 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
10, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
12 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
28 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
35 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
41 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
41, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
123A MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
95 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
31 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
33 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
13 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
19 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 B, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
38 ATHLONE STREET, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	36	-	36	36	44	-	-	-	-
1, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
125 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
22, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
97 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
27, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
16 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
17, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
52, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
302, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
32 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	35	-	35	35	43	-	-	-	-
9 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	35	-	35	35	43	-	-	-	-
1, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
2 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
2, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
27 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
7, BURLINA CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
103 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
117 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
12, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
1 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	35	-	35	35	43	-	-	-	-
10, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
25 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
1 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
34, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
19, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
80 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
23, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
35 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
58 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
19 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
12, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
13, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
30 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
24 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
97 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
105 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
137 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
18, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
2 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
40, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
4, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
111 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
25, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
290, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
11, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
27 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
101 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
14, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
156 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
17, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
32 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
34 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
14, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
107 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
145 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
15 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4 HAREWOOD PLACE, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	35	-	35	35	43	-	-	-	-
11, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
11 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
19, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
31, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
11 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
1B LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
30 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
23 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
52 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
25 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
38 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
111 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
17 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
60, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
13 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	34	-	34	34	42	-	-	-	-
13, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
153 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
26, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
3 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
37 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
113, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
2 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
37, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
11 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	34	-	34	34	42	-	-	-	-
18 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
47 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
9 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
76, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
81, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	34	-	34	34	42	-	-	-	-
5 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
34 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
9, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
8 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
50, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
49 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
17 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
59, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
131-133 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
113 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
143 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
25 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
33, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
10 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
105, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
16, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
1 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
27 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
43 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
13, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
19 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
5, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
1 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
12 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
13, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
25, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
6, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
12, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
19 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	34	-	34	34	42	-	-	-	-
11, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
62, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
13 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
34, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
12 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
17 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
2 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
78, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
11, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
11, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
45 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
4, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
4, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
292, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
2 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
121 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
12 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
147 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
16, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
31 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
45, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
123 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
42, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
None	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
15, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
7 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
14 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
25, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
40 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
13 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	33	-	33	33	41	-	-	-	-
24 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
4 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
56, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
7, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
15, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
39, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
10 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
10, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
15 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
1A WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
1 A, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
12 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
48, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
23 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
23 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
36 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
119 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
33 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
17, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
18 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
54 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
25, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
125 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
44, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
117-119 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
123 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
23 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
32 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
34 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
119 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
94, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
27 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	32	-	32	32	40	-	-	-	-
14, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
27 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
33 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
36 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
13, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
24 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
90, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
64, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
9, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
26 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
37 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
39 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
115 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
154 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
24 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
1 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
35 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
1B WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	32	-	32	32	40	-	-	-	-
9 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
17, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
18 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
19 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
129 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
27 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
27 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
49 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
13, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
32, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
33 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
109 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
111 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
113 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
137 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
40 ATHLONE STREET, CECIL HILLS, NSW	Residential	55	50	49	45	55	65	32	-	32	32	40	-	-	-	-
10, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
19, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
6 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
115, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
121 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
23 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
1 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
22 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
59 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
28 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
48 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
30 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
10 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
111, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
26, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
37 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
41, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
21 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
25 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
10 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
11 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
22, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
12, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
103, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
2 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
16 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
4, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
26 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
12 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
13 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
18, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
6, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
23 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
29 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
40 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
107 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
80 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
10 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
148 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
2, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
23 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
31 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	31	-	31	31	39	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
19 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
20 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
127 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
61, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	31	-	31	31	39	-	-	-	-
3 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
24 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	31	-	31	31	39	-	-	-	-
9 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
101 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
21 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
60, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
7 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
80 A, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
101, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
18 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
20 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
33 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
14, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
21, JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Under construction	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
4 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
1 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
105 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
21, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
14 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
146 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
29 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
11 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
22 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
28 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
25 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
28, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
33 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
17 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
19 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
24 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
6 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
13 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
18 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
5 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
11 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
21 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
35 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
51 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
103 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
129 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	30	-	30	30	38	-	-	-	-
11, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
115 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
12, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
150 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
152 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
31 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
40, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
21 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
30 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
7 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
19 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
51, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	56	65	30	-	30	30	38	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
23 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
25 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
5 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
18 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 JEREMY WAY, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
10 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
111, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
27 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
34 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
5 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
29 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	30	-	30	30	38	-	-	-	-
13 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
14 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
28 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 BENTWING AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
14, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
99 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
36, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
20 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	30	-	30	30	38	-	-	-	-
15 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	30	-	30	30	38	-	-	-	-
13, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
10 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
15 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
9 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
131 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
16, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
21 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
21 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
109 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
24, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	30	-	30	30	38	-	-	-	-
1 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
10 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
9, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
30 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
34 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
13 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
18 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
294, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
14 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	29	-	29	29	37	-	-	-	-
26 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
3 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
115 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
13 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
13 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
28 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
27 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8, EBER AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
1 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
107 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
135 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
18, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
3 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
12 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
20 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
24, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
24, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
6, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
16 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
4 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
131-133 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
139 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	29	-	29	29	37	-	-	-	-
7 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
107, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
11 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
11 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
13 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
20, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
24 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
25, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
3, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
42, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
11 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
26 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
28 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
30 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
10 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
4, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
7 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
20 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
24 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
11 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
30, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
12, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
1 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
13 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
19 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
21 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
127 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
35 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
18 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
28 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
109 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
123 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
12 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
25 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
19 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
29 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
144 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
2 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
30 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	29	-	29	29	37	-	-	-	-
12 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
14 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
29 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
32 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
80 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
29 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
31 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
6 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
21 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
31 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
6 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
23, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
19 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
20A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
8 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
48 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
1, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
26 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
7 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
10 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
113, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
27 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
32, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
32 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
7 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
12 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
23 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
29 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	28	-	28	28	36	-	-	-	-
13, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
3 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
17 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
26 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
33 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
121 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
105, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
19 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
22 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
3 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
109, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
12, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
8 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
4, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
10 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
101 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
6, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
14 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
4 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
111 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
4 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
10, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
21 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
17 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
25 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
25 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
30 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
43, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
101, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
115, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
142 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
10, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
28 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
64, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
21, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
3 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
5 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
6 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
8, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
12 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
31 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
9, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
10 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
13 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
16 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
33 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
22 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
3, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
4 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
6 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
6, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
16 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
1A VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
22A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
10, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	27	-	27	27	35	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
105, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
14 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
14, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
140 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
154 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
21 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
12 VIDAL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
17 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
18 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
4 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
10 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
12, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
2 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
20 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
20 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
31 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
7 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
4 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
44, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
6, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
9, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
3 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	60	65	27	-	27	27	35	-	-	-	-
20, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
8 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
5 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
10 NELORE AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
13 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
24 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
28 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
17 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
10 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
38, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
5, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
7 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
7, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
12 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
15 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
18 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
3 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
32 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
12 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
23 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
4, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
5, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
12 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
19 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
28, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
5 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
8 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
3 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
4 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
103, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
18, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
22, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
24 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
10 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
13 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
23 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
7 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
34, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
11 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
34, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
6, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
14 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
26 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
9 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
139 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
32, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
10, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
16 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
14 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
11 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
17 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
3 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
35 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
13 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
15 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
55 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
23, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
11, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
46, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
20 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
38 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
105 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
109, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
12, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
14, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
4, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
8, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
1 CHARBRAY LANE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
6 NELORE AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
10, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
12, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
140 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
15 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
8, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
37 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
61 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
27 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
36 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
15 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
17 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
31 B, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
51 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
11 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
66, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
152 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
7, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
1B VIDAL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
30 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
53 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
31 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
148 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
150 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
24 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
10, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
8, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
146 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
24, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
57 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
12, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
6 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
38, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
3 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
18 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
32, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
41, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
4 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
12, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
19 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
34 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
9 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
20B FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
4, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
None	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
20, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
1 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
18 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
1 BENTWING AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
30 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	23	-	23	23	31	-	-	-	-
4 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
8 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	-
3, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	22	-	22	22	30	-	-	-	-
7, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	21	-	21	21	29	-	-	-	-
21 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	19	-	19	19	27	-	-	-	-

APPENDIX C Noise level above nominated target

Noise level above NML Day (area 1 of 1)



Noise level above NML Day (OOH) (area 1 of 1)



Noise level above NML Evening (area 1 of 1)



Noise level above NML Night (area 1 of 1)



Appendix D

CA019 Addendum

Addendum Submission Date: 02/06/2025

Addendum - Consistency Assessment Report Proposed changes to the approved construction footprint – Tranche 3 Updated Scope

1. Introduction

1.1 Background

1.1.1 M7-M12 Integration Project

The M7 Motorway Widening (Modification 6 (SSI-663-Mod 6) and Modification 7 (SSI-663-Mod-7)) (M7 Widening) and the M12 East package of the M12 Motorway project (SSI 9364) (M12 Motorway) will be delivered together under what is referred to as the M7-M12 Integration Project by Western Sydney Orbital Company (WSO Co) and John Holland.

Since the approval of Westlink M7 Widening Modification 6 & 7, detailed construction planning identified the need to undertake works beyond the M7 construction footprints to construct a noise wall at Dobroyd Drive.

For the purpose of this Addendum, the Modification reports (SSI-663-Mod 6 & SSI-663-Mod-7), the Submissions Report and all subsequent consistency assessments referenced in the Project CEMP Section 1.3.2 and approved following to be the relevant M7 Environmental Assessment Documentation (M7 EAD)[1].

The Proposed Change is an addendum to CA019 and is required to facilitate the construction and installation of the aforementioned noise wall, as identified in the M7 EAD. Refer to Section 1.1 of the Consistency Assessment Report – *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) for further details on the M7 and M12 Division 5.2 Approvals.

1.1.2 Approved Consistency Assessment Report - Proposed changes to the approved construction footprint – Tranche 3

The Consistency Assessment Report – *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) was approved on the 13th of January 2025 for access, construction of a drainage basin and adjustment of the construction footprint. These works included the following elements and associated connections:

- Boundary realignment for construction access
    - Access to noise wall via existing maintenance access
        - Site 15
        - Site 19
    - Noise wall access via Shared User Path (SUP)
        - Site 20
    - Access to drainage works and potential rectification works required post-construction

[1] At the time of this assessment CA023, CA025, CA031, CA032 and CA033 are approved and assessed as part of the M7 EAD.

        - Site 5
    - Access to drainage works via SUP and potential rectification works post-construction
        - Site 11
        - Site 12
- Boundary realignment for drainage works
    - Access and drainage works
        - Site 4
    - Drainage basin construction
        - Site 8
        - Site 9
    - Drainage swale construction
        - Site 10

Refer to Section 2.1 in the Consistency Assessment Report – *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) for further details on the approved scope of works.

This addendum proposes changes to the boundary of Site 20 (the Proposed Change). A description of the Proposed Change is discussed in Section 2.1 of this document.

1.2 Purpose of addendum

The purpose of this addendum is to:

- Describe the Proposed Change relative to the approved Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5), M7 EAD and the M7 Division 5.2 Approval
- Assess the environmental impacts associated with the Proposed Change relative to the already approved Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5), M7 EAD and the M7 Division 5.2 Approval
- Determine if the Proposed Change is consistent with the approved Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5), M7 EAD and the M7 Division 5.2 Approval.

2. Proposed Change

2.1 Description of Proposed Change

The previously assessed and approved Site 20 scope of the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) involves access to the Dobroyd Drive noise wall via the Shared User Path (SUP). An additional area outside of the construction footprint is required to both conduct these works and to facilitate access to the work zones via the SUP from Dobroyd Drive.

John Holland proposes to amend the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) by:

- Increasing the area of the Site 20 work zone along the northern verge of the SUP access to allow for safe HV access and avoid potential damages to the existing SUP culvert.

This additional area will be used to facilitate the work scope detailed in Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and future works that will be taking place on the M7 SUP.

Table 2 - 1 details the Proposed Change subject to this addendum relative to the scope of work that is described in Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5). Scopes not mentioned in Table 2-1 remain unchanged from Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5).

Table 2 - 1: Summary of scope of works affected by Proposed Change of this addendum.

Scope description	Description of activities	Relevant Approvals
Site 20: Dobroyd Drive noise wall access via SUP	Access to the Dobroyd Drive noise wall is required via SUP to permit construction works. Construction activities are likely to include: • Site establishment including site delineation (e.g. temporary fencing), traffic control, placement of ground stabilisation material (e.g. DGB or similar) and importation of material/plant and equipment • Laydown for plant, materials and equipment • Vegetation clearance/trimming • Installation of noise wall adjacent to motorway • Removal of ground stabilisation material, plant and equipment, landscaping and making good the area at the completion of construction. This access is likely to be used during other construction activities in addition to the construction of the noise wall (e.g. for installation of utilities). In addition to the scope outlined in *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) additional area is required to facilitate access to the work areas via the SUP from Dobroyd Drive, which will be temporarily acquired from Council by John Holland (refer Figure 2 - 1). Light and heavy vehicles will require access to this additional area via the SUP and Dobroyd Drive under traffic control (or other controls	M7 Division 5.2 Approval

Addendum Submission Date: 02/06/2025

Scope description	Description of activities	Relevant Approvals
	outlined in the Traffic Management Plan and Traffic Guidance Scheme) to allow safe access (additional 105 m^2 compared to the currently approved scope).	

Figure 2 - 1: Site 20 – Dobroyd Drive noise wall access via SUP (Proposed Change subject to this addendum)



3. Environmental assessment

An assessment has been undertaken to compare the environmental impacts of the Proposed Change of this addendum relative to the environmental impacts of the approved Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5), M7 EAD and the M7 Division 5.2 Approval. Table 3-1 details potential environmental impacts resulting from the Proposed Change to determine if further assessment is required.

Refer to Table 4-2 of the approved Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) for details of the original comparative environmental assessments.

Table 3-1: Environmental assessment screening

Environmental aspect	Environmental assessment screening
Air Quality	Only minor additional ground disturbance is required outside of the existing approved construction footprint. This is limited to placement of temporary ground stabilization material. As such, air quality impacts associated with the Proposed change would be low. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Traffic and transport	Access and egress to the area subject to the Proposed Change areas would be via previously approved local roads. There are no changes to the frequency of vehicles anticipated to access this site. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Noise and vibration	Noise and vibration assessment for Site 20 has been updated and provided in Appendix A. This update captures the additional work area at Dobroyd Drive as part of the Proposed Change. Vibration assessment did not identify additional properties that breach the minimum working distance. The noise assessment did not identify any additional impacts from daytime works for residential receivers. For NCA10, there is one less receiver with an exceedance of 0-5dB in the night period. For NCA 11, there is one less receiver with an exceedance of 0-5dB in the evening period. For NCA14, there is one more receiver with an exceedance of 0-5dB in the evening period and two additional receivers with an exceedance of 0-5dB in the night period. When compared to the equivalent NCAs in the M7 EAD the Proposed Change is consistent with the total number of residential receivers impacted. The Proposed Change is not predicted to generate more noise or vibration than what is already assessed by the approved Project. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Hydrology and flooding	The Proposed Change does not include additional earthworks that would result in major changes to site levels and would be limited to minor cutting and filling for ground stability, therefore no changes to flooding patterns are predicted. The

Environmental aspect	Environmental assessment screening
	Proposed Change is considered appropriately assessed and managed in the Consistency Assessment *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Surface water	The Proposed Change does not include additional earthworks that would result in major changes to site levels and would be limited to minor cutting and filling for ground stability, therefore no changes to surface water management is predicted. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Soil and contamination	The Proposed Change does not fall within areas of previously identified contamination, hence is considered low risk and will be managed by the Projects unexpected finds protocols. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Landscape character and visual amenity	The Proposed Change is not expected to change the landscape character or visual amenity of the area as works are temporary and will not result in permanent changes to the landscape. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Non-aboriginal and Aboriginal heritage	There are no non-Aboriginal or Aboriginal heritage sites that have not already been identified as a part of the approved Project. An AHIMS search was completed as part of *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5), which identified AHIMS45-5-0786 to the south of the Proposed Change, however, the site is confirmed as destroyed, noting the historical disturbance of the local area due to sub-division and urban development. No impact on heritage assets will occur as a result of the Proposed Change. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Waste	Additional waste related impacts are not expected beyond what was assessed in the M7 EAD. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Hazard and risk	The Proposed Change includes only minor ground disturbance. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Sustainability	Potential climate change risks associated with the Proposed Change would be very minor in nature in comparison to the greater approved project. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Cumulative impacts	Given the minor scale of the Proposed Change in the context of the wider project, no increases to cumulative impacts would occur as a result of the Proposed Change. The Proposed Change is considered appropriately assessed and managed

Environmental aspect	Environmental assessment screening
	in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Socio-economic	Construction activities associated with the Proposed Change are short in duration and won't impede access to properties. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.
Biodiversity	The Proposed Change includes only minor ground disturbance with no clearing of trees required for the additional area. The Proposed Change is considered appropriately assessed and managed in the Consistency Assessment Report *Proposed changes to the approved construction footprint – Tranche 3* (Revision 5) and is consistent with the M7 EAD.

4. Consultation

Consultation has been completed with the landowner, Liverpool City Council, to re-confirm that council have no issues with the new construction footprint within the same Lot/DP. During the Project Council monthly meeting on 22 May 2025, Council confirmed that there were no issues with the Proposed Change. Evidence of this consultation is included in Appendix B.

5. Conclusion

This addendum provides a true and fair consistency review of the scope and potential impacts of the Proposed Change compared with the scope and potential environmental impacts of the approved projects.

Based on the consistency assessment in this report, the Proposed Change is considered

☒Consistent with the Division 5.2 Approvals for M7 Widening ~~and M12 Motorway~~

~~☐Consistent with the EPBC Approval for M12 Motorway~~

~~☐Not consistent with the Division 5.2 Approval. A modification to the project approval must be prepared and submitted for approval by the Minister.~~

~~☐A radical transformation of the project and as such a new project should be developed with new and separate planning approvals obtained as necessary.~~

The CEMP and relevant sub-plans will be updated to incorporate the Proposed Change as relevant.

6. Certification

Author

This consistency assessment provides a true and fair review of the Proposed Change for the M7-M12 Integration project.

Name	[redacted]	Signature	[redacted]
Position	Senior Environment and Sustainability Advisor	Date	02/06/2025
Organisation	John Holland Pty Ltd		

Transport for NSW

The Proposed Change, subject to the implementation of all the environmental requirements of the project, is consistent with the Division 5.2 Approval.

Name	[redacted]
Signature	
Position	TfNSW Environment and Sustainability Manager (M12/M7)
Date	03/06/2025

I have examined the Proposed Change by reference to the Division 5.2 Approval in accordance with Section 5.25(2) of the EP&A Act. I consider that the proposal is consistent with the Division 5.2 Approval.

Name	[redacted]
Signature	
Position	Senior Environment and Sustainability Manager
Date	3/06/2025

Addendum Submission Date: 02/06/2025

Name	[redacted]
Signature	
Position	M12/M7 Project Director
Date	3/6/2025

Addendum Submission Date: 02/06/2025

Appendix A – Updated Noise and Vibration Impact Statement (Site 20)

05 May 2025

2025-05-05_TN188-04_TN188_1535_974604122.docx

John Holland

[redacted]

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: M7S CA ALCA 20 (Gatewave ID TN188_1535)

M7-M12 Integration Project – Noise and Vibration Assessment Report

1 Introduction

The Renzo Tonin and Associates web-based construction assessment tool (Gatewave) has been used to prepare this noise and vibration assessment report for John Holland and the M7-M12 Integration Project (the Project).

The overall noise and vibration impacts from the Project works and associated mitigation measures (e.g. hoardings) have already been addressed in the Project's Construction Noise and Vibration Impact Statements (CNVIS). This tool allows specific work areas and activities to be assessed as construction works progress. It also allows cumulative noise impact from other aspects of the Project or, where relevant noise from other construction projects, to be assessed and managed in accordance with the Project's Construction Noise and Vibration Management Plan (CNVMP, reference M712UDC-JHGRP-M7A-EN-PRG-0000072-M7M12_CNVMP).

2 Assessment methodology

2.1 Construction noise

Results for the assessment of airborne noise were determined using a CadnaA computer noise model developed for the Project. The CadnaA noise model incorporates ground elevation contours, building heights, the built environment and atmospheric conditions to predict construction noise in accordance with the International Standard ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015.

Results from the CadnaA noise model are exported and stored into the Gatewave database which allows for the prediction of the total cumulative noise from all construction activities.

A summary of the noise calculation parameters is detailed in Table 1.

Table 1: Summary of noise modelling parameters

Parameters	Inputs
Calculation method	ISO 9613-2:1996 implementing quality standard ISO 17534-1:2015
Location of noise sources above the local ground	1.5m
Height of receivers	1.5m above ground level to represent 1.5m above ground floor level Additional 3m height for every additional floor assessed (i.e. 4.5m above ground for first floor, 7.5m for second floor etc.)
Sound Power Levels (L_w) of plant and equipment	All Lw data obtained from Renzo Tonin & Associates database Detailed in Section 3
Construction activities	Detailed in Section 3
Ground absorption	Varying from 1 for absorptive surfaces (e.g. park land), 0.5 (e.g. residential areas) to 0 for reflective surfaces (e.g. water, concrete, paving);
Noise barriers and screening	As detailed in Project CNVIS

2.2 Construction vibration

If there are any vibration intensive plant and equipment, the recommended minimum working distances (MWD) are presented in Table 4.

3 Construction activities, work areas and NCAs

3.1 Construction activities

3.1.1 Plant and equipment use

A summary of the plant and equipment operating during each assessment time period is presented in Table 2. Note that Table 2 identifies if a plant/equipment item is used for part or all of the assessment period on a given day, and does not necessarily denote if the plant/equipment are operating concurrently (refer APPENDIX A for details on which plant/equipment are operating together).

Table 2: Proposed construction activities and associated sound power levels

Activity/plant/equipment	Number in use				Sound power level, dB(A)		High impact item	Noise reduction from mitigation measures, dB(A)
	Day	Day (OOH)	Evening	Night	Leq	Lmax		
ALCA 20								
Concrete Agi	1	-	1	1	108	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Excavator with bucket (35T)	1	-	1	1	108	112	-	-
Concrete vibrator	1	-	1	1	97	100	-	-
Grader (140H)	1	-	1	1	113	121	-	-
Skid steer / Bobcat (10T)	1	-	1	1	104	109	-	-
Delivery truck	1	-	1	1	106	111	-	-
Material delivery truck	1	-	1	1	106	111	-	-
Tipper	1	-	1	1	103	111	-	-
Compactor / Wacker packer	1	-	1	1	108	110	-	-

Notes:

1) Refer APPENDIX A for plant/equipment timings and to identify which items operate concurrently.
2) Equipment marked in orange are not verified by Renzo Tonin and Associates

The locations of the construction activities are presented in Figure 1.

Figure 1: Construction work areas



4 Construction noise and vibration impacts

4.1 Predicted noise levels

4.1.1 Construction $L_{Aeq,15min}$ assessment

Noise levels were determined by modelling the noise sources, receiver locations, and operating activities, based on the information presented in Table 2.

The noise predictions presented in this report represent a realistic worst-case scenario when construction occurs at the closest location within a specific work area. At each receiver, noise levels will vary during the construction period based on the position of equipment within the work area, the distance to the receiver, the construction activities being undertaken and the noise levels of particular plant items and equipment. Actual noise levels will often be less than the predicted levels presented.

A summary of the results is presented in Table 3. NMLs and predictions for the three worst-affected receivers for each works area are provided in Table 5. Detailed noise results including additional mitigation measures are provided in APPENDIX B and presented visually in noise maps in APPENDIX C.

Table 3: Summary of receivers above relevant NMLs

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
NCA10	0 to 10	0	0 to 5		0 to 5	0	0 to 5	3
	> 10	0	5 to 15		5 to 15	0	5 to 15	1
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
NCA13	0 to 10	1	0 to 5		0 to 5	2	0 to 5	9
	> 10	0	5 to 15		5 to 15	5	5 to 15	7
	Over 75 dB(A)	2	15 to 25		15 to 25	2	15 to 25	3
			> 25		> 25	0	> 25	0
NCA12	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
NCA11	0 to 10	0	0 to 5		0 to 5	5	0 to 5	20
	> 10	0	5 to 15		5 to 15	0	5 to 15	1
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
NCA15	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
NCA14	0 to 10	20	0 to 5		0 to 5	44	0 to 5	83
	> 10	0	5 to 15		5 to 15	35	5 to 15	64

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties
	Over 75 dB(A)	0	15 to 25		15 to 25	1	15 to 25	8
			> 25		> 25	0	> 25	0
Industrial	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Educational	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
Recreational - Active	0 to 10	0	0 to 5		0 to 5	0	0 to 5	0
	> 10	0	5 to 15		5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0

4.2 Predicted vibration levels

The recommended MWDs for cosmetic damage and human annoyance are presented in Table 4.

Table 4: Generic minimum working distances for cosmetic damage and human annoyance

Plant item	Reference	Minimum working distance, m			
		Cosmetic damage (screening criteria)		Human comfort (screening limit)	
		Heritage buildings	Non-heritage	Residential[1]	Non-residential[2]
Compactor / Wacker packer	RTA COMPAC_007	5	5	15	5

Notes:

1. Screening limit for residences, night time
2. Screening limit for offices, schools, educational institutions and places of worship (day or night)

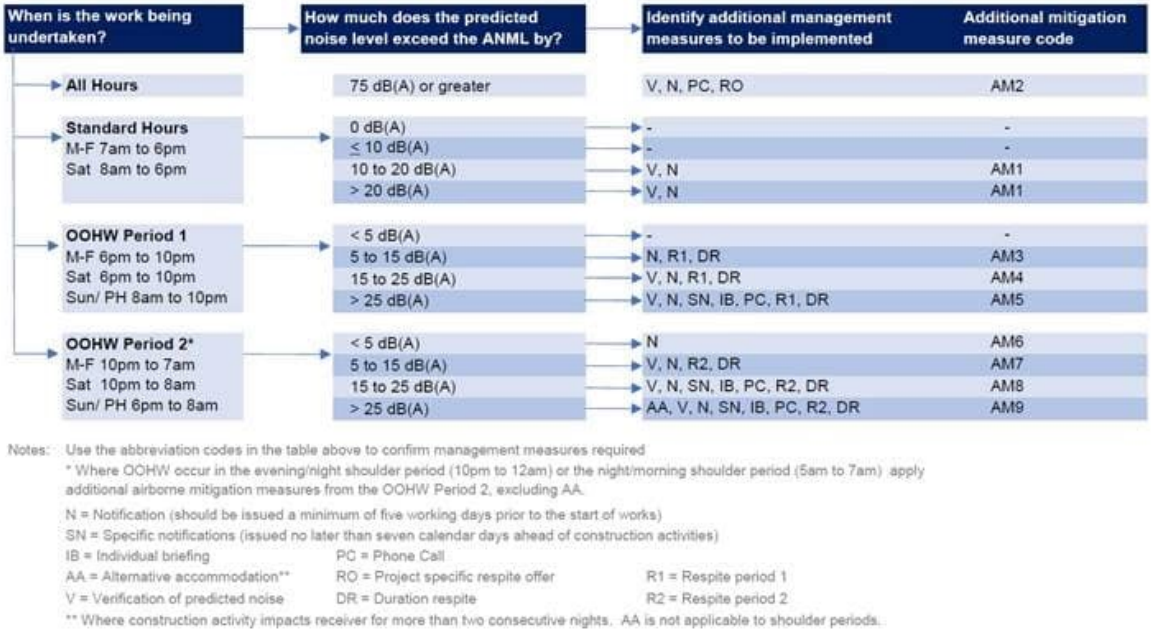
4.3 Mitigation measures

4.3.1 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15minute)}$ airborne construction noise levels are still predicted to exceed the NMLs, additional airborne noise mitigation measures can be applied to further limit the risk of annoyance from construction noise.

Figure 2 presents a summary of the additional noise mitigation measures applicable for construction activities where, after application of all reasonable and feasible mitigation options, construction noise levels still exceed the NMLs.

Figure 2: Additional airborne noise mitigation measures



When is the work being undertaken?	How much does the predicted noise level exceed the ANML by?	Identify additional management measures to be implemented	Additional mitigation measure code
All Hours	75 dB(A) or greater	V, N, PC, RO	AM2
Standard Hours M-F 7am to 6pm Sat 8am to 6pm	0 dB(A)	-	-
	≤ 10 dB(A)	-	-
	10 to 20 dB(A)	V, N	AM1
	> 20 dB(A)	V, N	AM1
OOHW Period 1 M-F 6pm to 10pm Sat 6pm to 10pm Sun/ PH 8am to 10pm	< 5 dB(A)	-	-
	5 to 15 dB(A)	N, R1, DR	AM3
	15 to 25 dB(A)	V, N, R1, DR	AM4
	> 25 dB(A)	V, N, SN, IB, PC, R1, DR	AM5
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

Notes: Use the abbreviation codes in the table above to confirm management measures required
* Where OOHW occur in the evening/night shoulder period (10pm to 12am) or the night/morning shoulder period (5am to 7am) apply additional airborne mitigation measures from the OOHW Period 2, excluding AA.
N = Notification (should be issued a minimum of five working days prior to the start of works)
SN = Specific notifications (issued no later than seven calendar days ahead of construction activities)
IB = Individual briefing PC = Phone Call
AA = Alternative accommodation** RO = Project specific respite offer R1 = Respite period 1
V = Verification of predicted noise DR = Duration respite R2 = Respite period 2
** Where construction activity impacts receiver for more than two consecutive nights. AA is not applicable to shoulder periods.

4.3.2 Noise monitoring plan

Attended noise monitoring is to be undertaken to verify that noise levels resulting from works are in accordance with the levels predicted in this noise and vibration assessment report, subject to obtaining the property owner/occupier's consent to access the property (where required). Noise monitoring should be carried out on or near the property boundary at a location representative of the worst affected location (i.e. in publicly accessible areas on or near the nominated receivers, typically at ground level).

Table 5 identifies potential monitoring locations in each NCA, which are the three worst noise-affected receivers for each NCA from the works.

Note: Gatewave tries to find the most affected receivers in each NCA (up to 3 locations) purely based on the numerical results. These locations will be reviewed for suitability based on safety, accessibility, will provide valid data, etc. If not suitable, alternative suitable locations will be selected for verification monitoring.

If monitoring levels exceed predicted levels, continual improvement and corrective action measures will be implemented, (e.g. investigate cause, review work or activity, scheduling, etc).

Table 5: Nominated verification monitoring locations

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
NCA10	185 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	52	-	52	52	60
NCA10	183 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	49	-	49	49	57
NCA10	181 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	49	-	49	49	57
NCA13	113 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	80	-	80	80	88
NCA13	111 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	76	-	76	76	84
NCA13	109 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	71	-	71	71	79

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
NCA12	13, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52
NCA12	3, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52
NCA12	29, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52
NCA11	175 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58
NCA11	1 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57
NCA11	173 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57

Receiver			Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax
NCA	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night
NCA15	20, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49
NCA15	28, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48
NCA15	22, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48
NCA14	98A-98C DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	68	-	68	68	76
NCA14	100 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	63	-	63	63	71
NCA14	102 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70

4.3.3 Vibration monitoring

It is noted that the generic MWDs in Table 4 are taken from a database of vibration levels measured at various sites or obtained from other sources (e.g. BS5228-2:2009). They are not specific to these works as final vibration levels are dependent on many factors including the actual plant used, its operation and the intervening geology between the activity and the receiver.

Site specific MWDs for vibration significant plant items must be measured on site where plant and equipment are likely to operate close to or within the generic MWDs for both cosmetic damage and human annoyance. These site specific MWDs will then be included in Gatewave.

If works are likely to be within the generic or site specific MWDs, attended vibration monitoring is to be undertaken to verify that vibration levels comply with the vibration objectives described in the NVMP.

Additional monitoring for human annoyance from vibration would be carried out proactively and in response to vibration complaints.

Vibration monitoring should follow the procedures outlined in the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP).

Important disclaimer

* This document has been partly automatically generated by Gatewave ™, software for prediction, assessment and management of noise and vibration, developed by Renzo Tonin and Associates.

* This document is uncontrolled. Please contact Renzo Tonin and Associates if you suspect there are any errors in this report.

* Results in this report are based on the assumptions described in Section 0 and inputs presented in Section 3. Noise and vibration monitoring data will be collected to ensure Gatewave is verified and adjusted, if required.

* Renzo Tonin and Associates cannot be held liable for the misuse of the software Gatewave ™, including any errors that may be contained within the software.

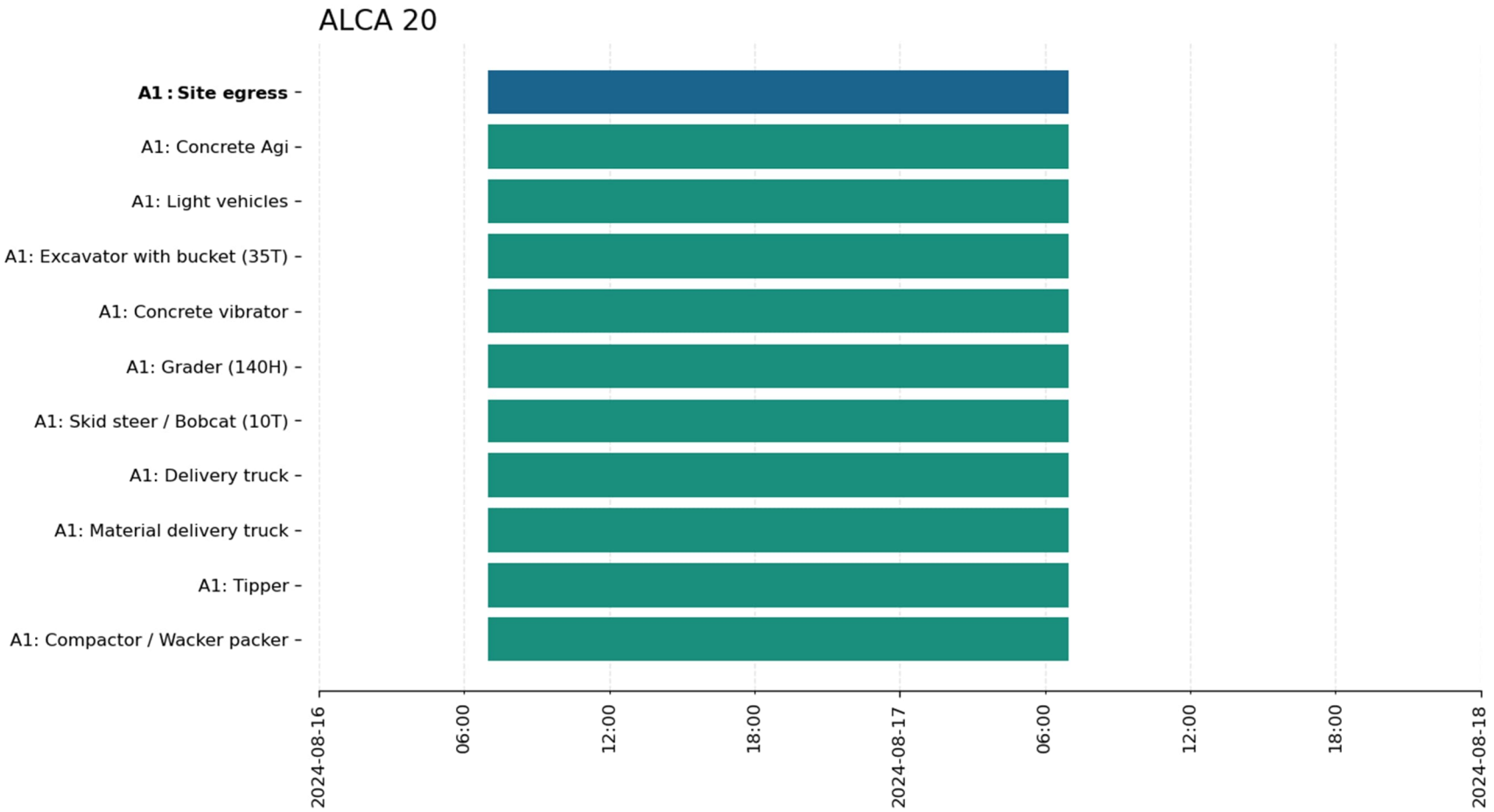
APPENDIX A Summary of works

A.1 Plant and equipment

Table 6: Plant and equipment schedule for work area: **ALCA 20**

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Site egress								
Concrete Agi	-	1	100%	0	108	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Excavator with bucket (35T)	-	1	100%	0	108	112	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Concrete vibrator	-	1	100%	0	97	100	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Grader (140H)	-	1	100%	0	113	121	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Delivery truck	-	1	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Material delivery truck	-	1	100%	0	106	111	2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00
Tipper	-	1	100%	0	103	111	2024-08-16 07:00:00	2024-08-16 19:00:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					$L_{eq,15min}$	L_{max}		
Compactor / Wacker packer	-	1	100%	0	108	110	2024-08-16 19:00:00	2024-08-17 07:00:00
							2024-08-16 07:00:00	2024-08-16 19:00:00
							2024-08-16 19:00:00	2024-08-17 07:00:00


ALCA 20
A1 : Site egress
A1: Concrete Agi
A1: Light vehicles
A1: Excavator with bucket (35T)
A1: Concrete vibrator
A1: Grader (140H)
A1: Skid steer / Bobcat (10T)
A1: Delivery truck
A1: Material delivery truck
A1: Tipper
A1: Compactor / Wacker packer
2024-08-16
06:00
12:00
18:00
2024-08-17
06:00
12:00
18:00
2024-08-18

APPENDIX B Detailed construction noise results

Table 7: Construction noise results

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
113 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	80	-	80	80	88	AM1		AM1	AM9
111 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	76	-	76	76	84	AM1		AM1	AM9
109 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	71	-	71	71	79	-		AM3	AM8
98A-98C DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	68	-	68	68	76	AM2		AM4	AM8
103 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	67	-	67	67	75	-		AM3	AM8
105 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	67	-	67	67	75	-		AM3	AM8
98A-98C DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	65	-	65	65	73	-		-	-
99 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	65	-	65	65	73	-		AM3	AM7
101 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	64	-	64	64	72	-		AM3	AM7
97 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	63	-	63	63	71	-		-	AM7
100 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	63	-	63	63	71	-		AM3	AM8
102 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-		AM3	AM8
96A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-		AM3	AM8
108 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-		AM3	AM8
104 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	62	-	62	62	70	-		AM3	AM8
95 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	61	-	61	61	69	-		-	AM7
106 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	61	-	61	61	69	-		AM3	AM8
40 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	60	-	60	60	68	-		AM3	AM8
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	58	-	58	58	66	-		AM3	AM7
63-65 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	58	-	58	58	66	-		-	-
107 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	58	-	58	58	66	-		-	AM7
63-65 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	58	-	58	58	66	-		AM3	AM7
85 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	56	-	56	56	64	-		-	AM7
64, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-		AM3	AM7
81 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	56	-	56	56	64	-		-	AM7
10, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-		AM3	AM7
24, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-		AM3	AM7
8, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	56	-	56	56	64	-		AM3	AM7
79 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	55	-	55	55	63	-		-	AM6
12, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-		AM3	AM7
4, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-		AM3	AM7
18, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-		AM3	AM7
87 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	55	-	55	55	63	-		-	AM6
83 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	55	-	55	55	63	-		-	AM6
116, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-		AM3	AM7
36 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-		AM3	AM7
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-		AM3	AM7
9, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	55	-	55	55	63	-		AM3	AM7

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation		
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
118, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
26, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
37 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
46 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
120, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
35 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
93A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	54	-	54	54	62	-		-	AM6
14, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
7, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
2, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
20, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
32, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
22, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
30, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
5, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
28, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	54	-	54	54	62	-		AM3	AM7
96A DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	54	-	54	54	62	-		-	-
16, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
6, CLARENCE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
122, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
96B DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	53	-	53	53	61	-		-	-
44 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
92 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
61 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
124, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
128, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
15, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
17, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
3, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	53	-	53	53	61	-		-	AM7
1, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-		-	AM7
126, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-		-	AM7
29, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-		-	AM7
136, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-		-	AM7
60, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-		-	AM7
185 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	52	-	52	52	60	-		-	AM7
130, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-		-	AM7
2, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	52	-	52	52	60	-		-	AM7
132, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-		-	AM7
67 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	51	-	51	51	59	-		-	AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
134, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-		AM7
33 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-		AM7
42 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-		AM7
6, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-		AM7
51 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	51	-	51	51	59	-	-		AM6
31 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-		AM7
59 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	51	-	51	51	59	-	-		AM7
61 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	51	-	51	51	59	-	-		AM6
65 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	51	-	51	51	59	-	-		AM6
59 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	51	-	51	51	59	-	-		AM6
87, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
57 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	50	-	50	50	58	-	-		-
88 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
23 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
62, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
92 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	50	-	50	50	58	-	-		-
13, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
75, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
89 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	50	-	50	50	58	-	-		-
41 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	50	-	50	50	58	-	-		-
10, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
20, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
24 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
38 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
175 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
53 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	50	-	50	50	58	-	-		-
27 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	50	-	50	50	58	-	-		AM7
91 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	49	-	49	49	57	-	-		-
11, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6
25 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6
1 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6
173 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6
68, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6
183 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	49	-	49	49	57	-	-		AM6
3 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6
34 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6
169 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6
181 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	49	-	49	49	57	-	-		AM6
73, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-		AM6

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation		
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
49 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	49	-	49	49	57	-	-	-	
73 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	49	-	49	49	57	-	-	-	
4, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	AM6	
86 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	49	-	49	49	57	-	-	AM6	
82 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
179 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	48	-	48	48	56	-	-	AM6	
177 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
75 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	48	-	48	48	56	-	-	-	
70, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
167 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
69 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	48	-	48	48	56	-	-	-	
4, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
90 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
8, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
8, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
47 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	48	-	48	48	56	-	-	-	
18, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
45 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	48	-	48	48	56	-	-	-	
76 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
14, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
48 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	
55-57 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
163 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
15, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
30, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
72, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
81, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
185 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	48	-	48	48	56	-	-	-	
43 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	48	-	48	48	56	-	-	-	
55 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	48	-	48	48	56	-	-	-	
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	48	-	48	48	56	-	-	AM6	
105, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
91, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
157, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	
101, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
24, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
18 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
23, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
39 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	47	-	47	47	55	-	-	-	
16, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
28, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
4 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
50, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
161 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
37 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	47	-	47	47	55	-	-	-	
19 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	47	-	47	47	55	-	-	-	
171 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	47	-	47	47	55	-	-	AM6	
33 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	47	-	47	47	55	-	-	-	
59 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	47	-	47	47	55	-	-	-	
22, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
63, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
86, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
145, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	46	-	46	46	54	-	-	-	
35 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	46	-	46	46	54	-	-	-	
149, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	46	-	46	46	54	-	-	-	
29 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
32, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
8 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
82, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
141, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	46	-	46	46	54	-	-	-	
32 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
45 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
29 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	46	-	46	46	54	-	-	-	
31 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	46	-	46	46	54	-	-	-	
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
95, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
34 VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	46	-	46	46	54	-	-	-	
106, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
26 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
3 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
31, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
71, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
99, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
137, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	46	-	46	46	54	-	-	-	
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	46	-	46	46	54	-	-	-	
8, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	46	-	46	46	54	-	-	-	
165 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
17, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
23, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
64, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
72 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
89, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	46	-	46	46	54	-	-	AM6	
67, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
74 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
79, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
13 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
103, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
80 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
86, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
133, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	45	-	45	45	53	-	-	-	
1 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
21, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
41 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
58, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
66 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
1, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
13, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
39 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
4, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
7, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
147, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	
159 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
77, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
114, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
29 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
35, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
80, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
90, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
129, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	45	-	45	45	53	-	-	-	
25, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
26 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
26 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
30 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	
35, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	AM6	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
145, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	45	-	45	45	53	-	-	-	-
153, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	45	-	45	45	53	-	-	-	-
153 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
71 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	45	-	45	45	53	-	-	-	-
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
41 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
60, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	45	-	45	45	53	-	-	-	AM6
17 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	AM6
17, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	AM6
3, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	AM6
68 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
125, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	44	-	44	44	52	-	-	-	-
157 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
18, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
96, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
37 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
37 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
51 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
125, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
77 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	44	-	44	44	52	-	-	-	-
44, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
54, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
13, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
12 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
121, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	44	-	44	44	52	-	-	-	-
157, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	44	-	44	44	52	-	-	-	-
10, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
6 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
4, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
39 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
52, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
69, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
133, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
3, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	-
24, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
31 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	-
117, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	44	-	44	44	52	-	-	-	-
27 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	44	-	44	44	52	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
35, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
49 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
85, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
9, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
117, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	44	-	44	44	52	-	-	-	
12, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
29, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	
5, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	44	-	44	44	52	-	-	-	
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	44	-	44	44	52	-	-	-	
100, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
102, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
20, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
11, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
19, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
2 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
24, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
3, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
113, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	43	-	43	43	51	-	-	-	
93, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	43	-	43	43	51	-	-	-	
102, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
135 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
14 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
21, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
5, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
600, COWPASTURE ROAD, LEN WATERS ESTATE NSW 2171	Industrial	75	75	75	75	None	None	43	-	43	43	51	-	-	-	
112, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
45, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
48 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
28, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	
11, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
22 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
35 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
2, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
43, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	
109, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	43	-	43	43	51	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
49 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
11 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
16, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
8, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
27 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
15 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
22, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
13, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
2, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
42 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
84, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
15, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
30, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
56, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
296, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
9, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
19, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
23, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
37 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
97, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
105, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	43	-	43	43	51	-	-	-	-
183 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	43	-	43	43	51	-	-	-	-
2, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	43	-	43	43	51	-	-	-	-
16, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
9, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	43	-	43	43	51	-	-	-	-
115, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
139 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
143 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
53, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
10, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
26, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
101, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	42	-	42	42	50	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
93, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
12, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
22, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
14, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
33, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
17, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
40, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
7, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
83, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
97, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	42	-	42	42	50	-	-	-	-
150 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
4, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
63 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	67	62	58	50	55	65	42	-	42	42	50	-	-	-	-
20 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
21, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
3, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
31, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
48 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
27 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
9 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
19 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
12, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
13 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
47 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
5 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
51, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
22 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
94, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
11, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
15, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
24, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
36 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
21 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
34 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
26, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
28, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
8 DONN STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	42	-	42	42	50	-	-	-	-
17, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
41, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
26, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
29, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
5, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
90, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
25, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
7, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
8, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	42	-	42	42	50	-	-	-	-
13 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
30, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
33 GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	42	-	42	42	50	-	-	-	-
141 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
44, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
9 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
92, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
1 A, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
25, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
95, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	41	-	41	41	49	-	-	-	-
20, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
21, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
11, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
14, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
40 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
58 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
88, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
10, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
4 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
78, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
9 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
3, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
39, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
41, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
6, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
91, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	41	-	41	41	49	-	-	-	-
95, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	41	-	41	41	49	-	-	-	-
19 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
32 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
46 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
50 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
86, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
12, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
19, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
30, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
43, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
13, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
19, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
6 VERMONT AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
6, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
20, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
133 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
14, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
21 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
44 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
46, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
7, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
8, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
31 A, ROTTNEST AVENUE, HINCHINBROOK NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
12, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
30 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
7 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
15 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
24, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
41, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
52 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
54 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
36 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
7, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
9, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
5 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	41	-	41	41	49	-	-	-	-
43A ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
5 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
155 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
10, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
5, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	41	-	41	41	49	-	-	-	-
17 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
46 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
47, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
93, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
110, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
32, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
38 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
13, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
4 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	41	-	41	41	49	-	-	-	-
13, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
38 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
40 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
65, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
69, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	40	-	40	40	48	-	-	-	-
147 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
23, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
56 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
54, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
18, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
29 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
35 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
37, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
1 A, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
127 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
137 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
32 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
43, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
48, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
41, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
50, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
25 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	40	-	40	40	48	-	-	-	-
15 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
23, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
12, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
20 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
30 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
35 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
4, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
52, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
21 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	40	-	40	40	48	-	-	-	-
12 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
179 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
141 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
145 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
34 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
46, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
82, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
36 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
12, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
27, PIPISTRELLE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
149 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
160 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
18 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
31 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
36, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
40, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
5, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
32 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
6 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
11, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	40	-	40	40	48	-	-	-	-
139 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
42 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
48, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
8, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
44, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
10, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
33, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
40 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
8 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
82, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
22, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	40	-	40	40	48	-	-	-	-
137 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
26 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
29 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
32 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
40, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
47, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
35 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	40	-	40	40	48	-	-	-	-
26 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
38 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
108, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
135 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
151 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
28 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
39 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
42, 44, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
7, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
24, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
26, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
45, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
10 HERTFORDSHIRE STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
5, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
9, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
55, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	40	-	40	40	48	-	-	-	-
57, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	40	-	40	40	48	-	-	-	-
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	40	-	40	40	48	-	-	-	-
10, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
10, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
13, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
133 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
157 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
24 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
30 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
38, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
33, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
12, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
16, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
22 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
19, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
24, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
8, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
9, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
9, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	40	-	40	40	48	-	-	-	-
18, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
55, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	40	-	40	40	48	-	-	-	-
3, DONN STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
3 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
36 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
17, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
32 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
42, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
31 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
127 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
19, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
22, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
28, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
31, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
21, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
5, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
9, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
17, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
33 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
31 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
10, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
152 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
4 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
6, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
32 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
18, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
36 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
87, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	39	-	39	39	47	-	-	-	-
154 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
18 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
34, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
76, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
9, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
25 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
3 B, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
35, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
37, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
60, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
7 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	39	-	39	39	47	-	-	-	-
19 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
23 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
46, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
7, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
2 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
129 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
22 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
23 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
30, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
74, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
64, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
7, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
12, MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
14 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
14, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
8, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
23 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
4 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
83, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	39	-	39	39	47	-	-	-	-
11, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
15, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
18 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
72, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
16, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
17 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	39	-	39	39	47	-	-	-	-
14, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
19 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
20, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
47, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
109 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
131 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
17, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
9, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
10 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
3 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
38 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
44 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
61, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
13 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
40, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
7, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
70, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
8 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
39, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
4, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
46, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
5, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
56, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
6 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
16 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
28, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
30, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
12, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
129 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
20 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
24 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
5, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
68, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
6, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	39	-	39	39	47	-	-	-	-
29, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
70, DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
32, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
34, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
36, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	39	-	39	39	47	-	-	-	-
11, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
19 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
20, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
3, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
26, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
40, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
48, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
10 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
30 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
13, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
20, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
7 CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
28 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
1, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
12 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
49, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
21, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
22 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
3, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
20 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
23, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
32, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
16 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
19 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
73, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	38	-	38	38	46	-	-	-	-
11 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
2, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
24 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
66, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
300, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
11, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
35 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
16 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
23, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
27, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
28, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
3 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
31, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
5, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
64, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
3, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
15 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
40, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
43, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
68, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
84, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
65, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	38	-	38	38	46	-	-	-	-
22, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
9, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
34 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
3, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
57, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
8, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
1 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
12, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	38	-	38	38	46	-	-	-	-
33 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	38	-	38	38	46	-	-	-	-
5, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
44, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
58, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
60, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
18, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
14 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
77, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	38	-	38	38	46	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
125 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
29, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
42, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
15, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
36 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
36, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
38, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
49, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
6 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
11 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
18, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
37 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
10A HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
44 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
22, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
39, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
48, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
31 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
38, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
6 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
8, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
155 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
17 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
21, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	38	-	38	38	46	-	-	-	-
10 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
34, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
4 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	38	-	38	38	46	-	-	-	-
121 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
17, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
36 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
27, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
44, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
51, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
22 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	37	-	37	37	45	-	-	-	
12, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
14, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
27 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
34 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
4, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
4, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
22 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
7 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
72, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
8 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
9 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
34, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	
36, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
23, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
4, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
20, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
25 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
25 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
33 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
46 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
1 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
158 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
26, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
27, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
6, DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
25 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
25 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
5, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	
18 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	37	-	37	37	45	-	-	-	
12, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	
23 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
32 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
44 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
35 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
17, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
20 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
23 BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
35, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
49, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
33 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
141 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
17 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
25 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
76, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
12 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
25, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
40, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
11 POPLAR AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
32, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
76, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
45, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
52 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
82, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
62, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
8 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
99 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
1, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
31, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
43, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
28 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	37	-	37	37	45	-	-	-	-
36, ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
53, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
12 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
16, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
32, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
7, BLUEY STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
21, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
7, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
8 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
1 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
13 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
51, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
53, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
6, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
58, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
10 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
33, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
13 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
5, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
11 DUNELL STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
30, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	37	-	37	37	45	-	-	-	-
2, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
62, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
66, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-
12 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	37	-	37	37	45	-	-	-	-
27 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
4, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	37	-	37	37	45	-	-	-	-
139 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
26 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
34 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
38 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
14, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
18, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
304, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
38, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
27, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
29 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
78, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
36, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
37, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
10 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
10 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
23 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	36	-	36	36	44	-	-	-	-
34 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	36	-	36	36	44	-	-	-	-
19, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
21 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
15, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
38, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
8, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
10 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
16, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
32 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
25 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
74, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
97 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	36	-	36	36	44	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
30, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
47, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
23, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
27 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
22 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
25, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
46 CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
12, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
28, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
51, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
1 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
21, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
28 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
29 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
29, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
70, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
10 B, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
298, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
31, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
42 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
18, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
45, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
49, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
10 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
11, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
23, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
4, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
2, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
23, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
26 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
21 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
5, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
66, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
6 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
1 B, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
14, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
14, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
3, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
34, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
37 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	36	-	36	36	44	-	-	-	-
1 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
10, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
12 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
28 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
35 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
41 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
41, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
7, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
1 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
15 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
31 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
33 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
13 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
19 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 B, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
3 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
9 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
123A MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
125 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
97 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
1, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
6 A, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	36	-	36	36	44	-	-	-	-
27, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
74, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
8, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
11 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
2 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
38 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	36	-	36	36	44	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	36	-	36	36	44	-	-	-	-
1, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
16, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
302, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
32 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	35	-	35	35	43	-	-	-	-
9 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	35	-	35	35	43	-	-	-	-
1, VARNEY AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
2 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
2, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
5, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6 MONTADALE AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
27 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	-
7, BURLINA CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
17, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
52, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
12, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
13 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
16, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
7, BICKERTON AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
8, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	35	-	35	35	43	-	-	-	
10, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
15, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
25 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
1 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	35	-	35	35	43	-	-	-	
55 HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	
103 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
117 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
34, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	
8, BICKERTON AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	
19, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
80 DOBROYD DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
23, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
35 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
50 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
58 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
19 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
4, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
3, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	
12, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
13, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
30 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
24 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
9 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
97 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
16, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
2 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
4, PALM CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	
40, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	
4, HERRING AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
111 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
105 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
137 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
18, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
5 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
6 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	
290, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
11, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
27 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
6, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
1 HAREWOOD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
156 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
17, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
25, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
32 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
34 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, STANLEY LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
14, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
44 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
44 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
101 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
14, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
145 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
22 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	35	-	35	35	43	-	-	-	-
15 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
107 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
11, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
7 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
21, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
15, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
3 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
9, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
11 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-
4 HAREWOOD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	35	-	35	35	43	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
19, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
31, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
11 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
1B LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
30 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
25 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	34	-	34	34	42	-	-	-	-
38 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 HAREWOOD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
23 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
52 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
60, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
13 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	34	-	34	34	42	-	-	-	-
13, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
111 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
153 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
17 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
26, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
5 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
37 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
113, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
15, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
37, ESK AVENUE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
11 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	34	-	34	34	42	-	-	-	-
18 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
47 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
9 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
54 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
76, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
2 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
5 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
34 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
9, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
8 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
81, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	34	-	34	34	42	-	-	-	-
14, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
49 B, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
17 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
59, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
7 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
131-133 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
3 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
25 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
50, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
6 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
33, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	-
10 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
105, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
16, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
1 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
10 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
113 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
14 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
143 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
27 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
43 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
13, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
21 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
4 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-
5, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	34	-	34	34	42	-	-	-	-
7 WRIGLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3 A, DUKE CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	
1 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
12 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
13, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
25, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
19 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
21, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
5, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
12, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	34	-	34	34	42	-	-	-	
19 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	34	-	34	34	42	-	-	-	
11, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
3 FIFE PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
62, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	34	-	34	34	42	-	-	-	
3, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	
6, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
7 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
34, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	
12 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
14 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
17 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
2 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
3 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
78, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
89, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	
13 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
8, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
11, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
11, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
3 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
45 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
4, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
14 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
4, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
292, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	
2 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
121 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
12 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	
19 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
24 DUXFORD STREET, ELIZABETH HILLS NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
31 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
45, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
123 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
42 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
42, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
147 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
15, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
7 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
25, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
40 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
13 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	33	-	33	33	41	-	-	-	-
7 DONN STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8, CONNELLAN AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
11 B, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
15, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
39, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
16 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
10, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
24 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
4 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
56, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
7, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-
15 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
3 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
1A WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
12 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
23 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
23 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
36 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
6, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
8 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
119 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
33 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
1 A, GARRETT LANE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	33	-	33	33	41	-	-	-	-
16 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
18 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
48, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
19 JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
25, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
125 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
44, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
9 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	33	-	33	33	41	-	-	-	-
14 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
17, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
54 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
117-119 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
23 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
32 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
34 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
123 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
30-32 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
27 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
27 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
33 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
36 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	32	-	32	32	40	-	-	-	-
9 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
119 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
94, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
10 A, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
13, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
24 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
90, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
64, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
9, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, DUXFORD STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
26 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
37 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
39 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
115 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
5 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
24 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 A, WHITSUNDAY CIRCUIT, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
1 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
35 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
16, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
1B WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
3 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
154 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
17, GORGON AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
18 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
19 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3, ROWLEY STREET, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
11 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
129 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
14, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
27 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
27 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	32	-	32	32	40	-	-	-	-
9 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
49 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
12 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
13, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
33 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 ROSEBANK AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
109 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
111 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
113 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
137 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
7 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
8 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
20 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
32, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	32	-	32	32	40	-	-	-	-
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
4, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-
40 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
6 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
10, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
121 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
19, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
3, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
1 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
22 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
59 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
28 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
48 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	32	-	32	32	40	-	-	-	-
115, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
2, IVOR AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
23 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6, BOWES CLOSE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
30 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
37 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
41, AUKANE STREET, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
21 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
25 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
10 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
11 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
111, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
26, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
6 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
12, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
10 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
103, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
2 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
22, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
16 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	31	-	31	31	39	-	-	-	-
4, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
26 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6, WEST HILL PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	31	-	31	31	39	-	-	-	-
10 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
23 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
29 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
40 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
107 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
80 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
10 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
12 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
13 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
18, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
2, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
31 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	31	-	31	31	39	-	-	-	-
11, GOWANLEA AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
19 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
20 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
127 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
148 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
2 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
23 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
24 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	31	-	31	31	39	-	-	-	-
9 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
101 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
21 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
60, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
7 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
80 A, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
61, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	31	-	31	31	39	-	-	-	-
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
18 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
33 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
6 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
14, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
21, JENKINSON DRIVE, ELIZABETH HILLS NSW 2171	Under construction	999	999	999	999	None	None	31	-	31	31	39	-	-	-	-
4 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
1 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
105 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
21, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
101, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
14 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
146 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
20 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
29 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
3 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
4 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
5 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
8, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
9, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
11 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
15, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
22 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
27, PARKLANDS CIRCUIT, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-
28 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	31	-	31	31	39	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	31	-	31	31	39	-	-	-	
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
17 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
33 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
25 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
28, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
17 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
19 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
24 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
6 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
5 WARFIELD PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
13 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
17 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
5 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
54, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	
11 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
17 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
21 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
35 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
51 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
103 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
129 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	30	-	30	30	38	-	-	-	
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	30	-	30	30	38	-	-	-	
11, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	
15 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
18 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
31 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
40, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
7 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
21 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
30 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	
7 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
8, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
19 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
115 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
12, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	
150 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
152 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
23 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
25 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
5 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
18 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 JEREMY WAY, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
51, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	64	59	56	46	55	65	30	-	30	30	38	-	-	-	-
2, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
26-28 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
27 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
34 JENKINSON DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
10 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
111, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
5 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	30	-	30	30	38	-	-	-	-
29 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	30	-	30	30	38	-	-	-	-
13 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
14 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
28 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 BENTWING AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
14, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
99 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
20 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	30	-	30	30	38	-	-	-	-
15 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
36, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
4 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
7 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
13, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
17, REGENTVILLE DRIVE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
7 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
10 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
15 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
9 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
15 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
38, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Recreational - Active	65	65	65	65	None	None	30	-	30	30	38	-	-	-	-
21 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
21 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
109 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
24, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	30	-	30	30	38	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	30	-	30	30	38	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	30	-	30	30	38	-	-	-	-
131 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
16, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	30	-	30	30	38	-	-	-	-
15 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
2 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
30 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
34 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
8 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
13 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
3 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
56, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	30	-	30	30	38	-	-	-	-
1 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
10 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
18 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
294, GREEN VALLEY ROAD, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	-
14 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	29	-	29	29	37	-	-	-	-
26 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
3 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
115 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
13 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
13 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
27 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
8, EBER AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
107 FEODORE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
135 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
18, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
3 LINLEY PLACE, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
12 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
28 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 HARGRAVE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
9 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
16 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
4 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
131-133 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
139 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	29	-	29	29	37	-	-	-	-
7 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
11 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
11 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
13 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
20 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
24 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
24, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
24, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
11 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
26 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
28 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
30 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
9 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
10 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
107, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	
25, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
3, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
42, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
7 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
8 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
9 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
20 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
24 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
11 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
30, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
17 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
22, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	
4, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	
9 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
1 A, SNAPPER CLOSE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	29	-	29	29	37	-	-	-	
13 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
19 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
21 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
127 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	
12, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
17 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
35 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
4 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	
5, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
7, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
7, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
18 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
28 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
5 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
109 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	
123 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	
12 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
16 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
25 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
6 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
9 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	
19 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
29 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
17 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6, WARFIELD PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
7 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	29	-	29	29	37	-	-	-	-
8 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
30 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	29	-	29	29	37	-	-	-	-
12 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
14 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
22A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
29 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
32 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
5 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
6, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
80 B, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	29	-	29	29	37	-	-	-	-
144 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
2 TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
22, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
31 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
6 COWLING AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16, PYE ROAD, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
21 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
31 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
6 CHAROLAIS AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
29 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
19 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
20A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
8 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
48 LASCELLES STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
23, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
26 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
7 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
9 SETROP AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
1, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
27 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
32 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
7 ROSEBANK AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11 NELORE AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
12 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
23 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
29 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	28	-	28	28	36	-	-	-	-
10 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
113, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
32, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
17 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
26 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
33 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
121 SPENCER ROAD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
13, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
3 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
16 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
19 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
22 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
3 WYLDE CLOSE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
105, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
12, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
4, CROKER PLACE, GREEN VALLEY NSW 2168	Residential	56	51	50	44	55	65	28	-	28	28	36	-	-	-	-
10 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
11 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
101 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
6, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
109, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
14 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 GLIDER AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
4 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
111 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
4 JEREMY WAY, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
17 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
24 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
25 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
10, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
21 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
25 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
30 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
43, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
10, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
142 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
13 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
8 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
10, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
28 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	28	-	28	28	36	-	-	-	-
64, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
9 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	28	-	28	28	36	-	-	-	-
101, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
115, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
16, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
7 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
8, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
12 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
31 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
21, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
3 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
5 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
6 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
10 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
13 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
16 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
33 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
3, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
6 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
9, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
25 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
14 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
22 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
6, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
16 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
1A VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
22A FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
10, FIFE PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	27	-	27	27	35	-	-	-	
154 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
12 VIDAL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
17 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
18 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
4 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
105, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
14 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
14, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
140 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
21 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
10 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
12, SETROP AVENUE, ELIZABETH HILLS NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
2 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
20 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
20 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
31 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
7 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
3 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Residential	67	62	58	50	55	65	27	-	27	27	35	-	-	-	
4 ELEVON STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
44, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
6, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
9, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
5 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	
10 NELORE AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	
26, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
20, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
8 HORACE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
24 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
28 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	27	-	27	27	35	-	-	-	-
17 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	27	-	27	27	35	-	-	-	-
10 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
13 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
36-38 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
12 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
15 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
18 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
3 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
32 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
38, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
5, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
7 STARFIRE AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
7, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
12 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
12 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
23 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
4, STANLEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
5, TREACY AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	-
3 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
4 NEWGATE BOULEVARD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
103, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
19 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
28, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
5 CESSNA STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
8 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
10 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
13 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
23 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
7 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
34, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
11 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
18, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
22, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
24 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-
14 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	-

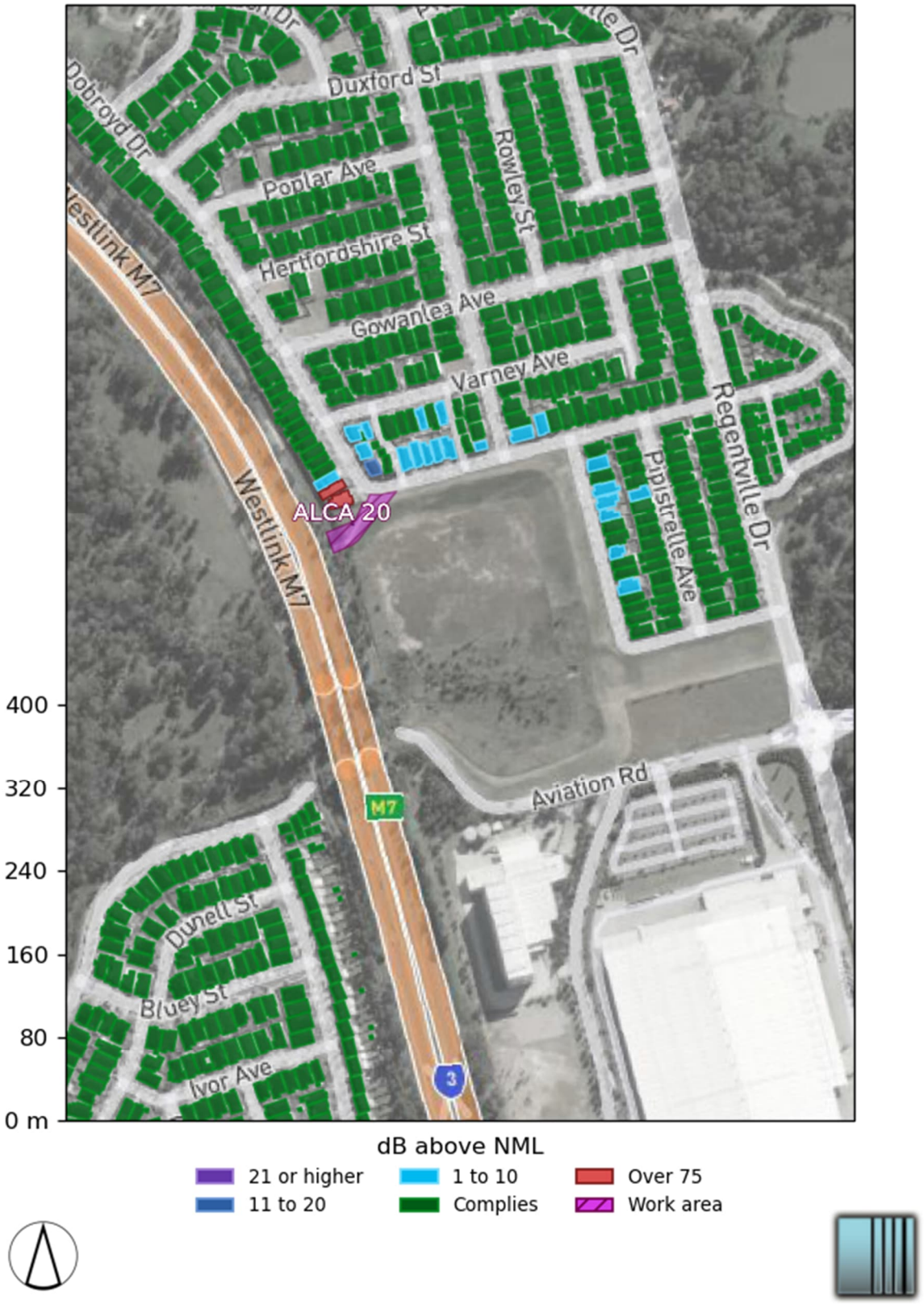
Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
26 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
9 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
139 SPENCER ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
32, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
34, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
6, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
14 CORDUROY ROAD, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
10, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
16 BRINSMEAD AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
11 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
17 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
3 REGENTVILLE DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
35 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
13 WIXSTEAD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
15 FREETAIL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
55 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
23, LINLEY PLACE, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
20 DOBROYD DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	
56, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
11, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	
46, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
38 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
105 FEODORE DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	
109, MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
14, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
4, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
8, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	26	-	26	26	34	-	-	-	
1 CHARBRAY LANE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	
6 NELORE AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	26	-	26	26	34	-	-	-	
12, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	
140 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	
37 ATHLONE STREET, CECIL HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	
10, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	
12, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	
15 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	
8, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	
61 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	
27 EBER AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	
36 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
51 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
11 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
66, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
15 MCINTYRE CIRCUIT, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
152 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
17 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
7, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
1B VIDAL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
30 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
53 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
31 BURLINA CIRCUIT, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
148 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
24 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
6 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	25	-	25	25	33	-	-	-	-
150 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
8, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	25	-	25	25	33	-	-	-	-
10, CHARLIE STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
57 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
146 MIDDLETON DRIVE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
24, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
6 SHERRARD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
38, LASCELLES STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
12, ECHO AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
3 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
41, ATHLONE STREET, CECIL HILLS NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
18 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
32, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
4 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
12, TRAVIS STREET, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
19 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
34 LOCKHEED AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
9 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
3, TRUSCOTT AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	24	-	24	24	32	-	-	-	-
20B FREETAIL AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	24	-	24	24	32	-	-	-	-
4, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	-
16 SIERRA AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
20, HEMSWORTH AVENUE, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-
1 BRAFORD AVENUE, ELIZABETH HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	-

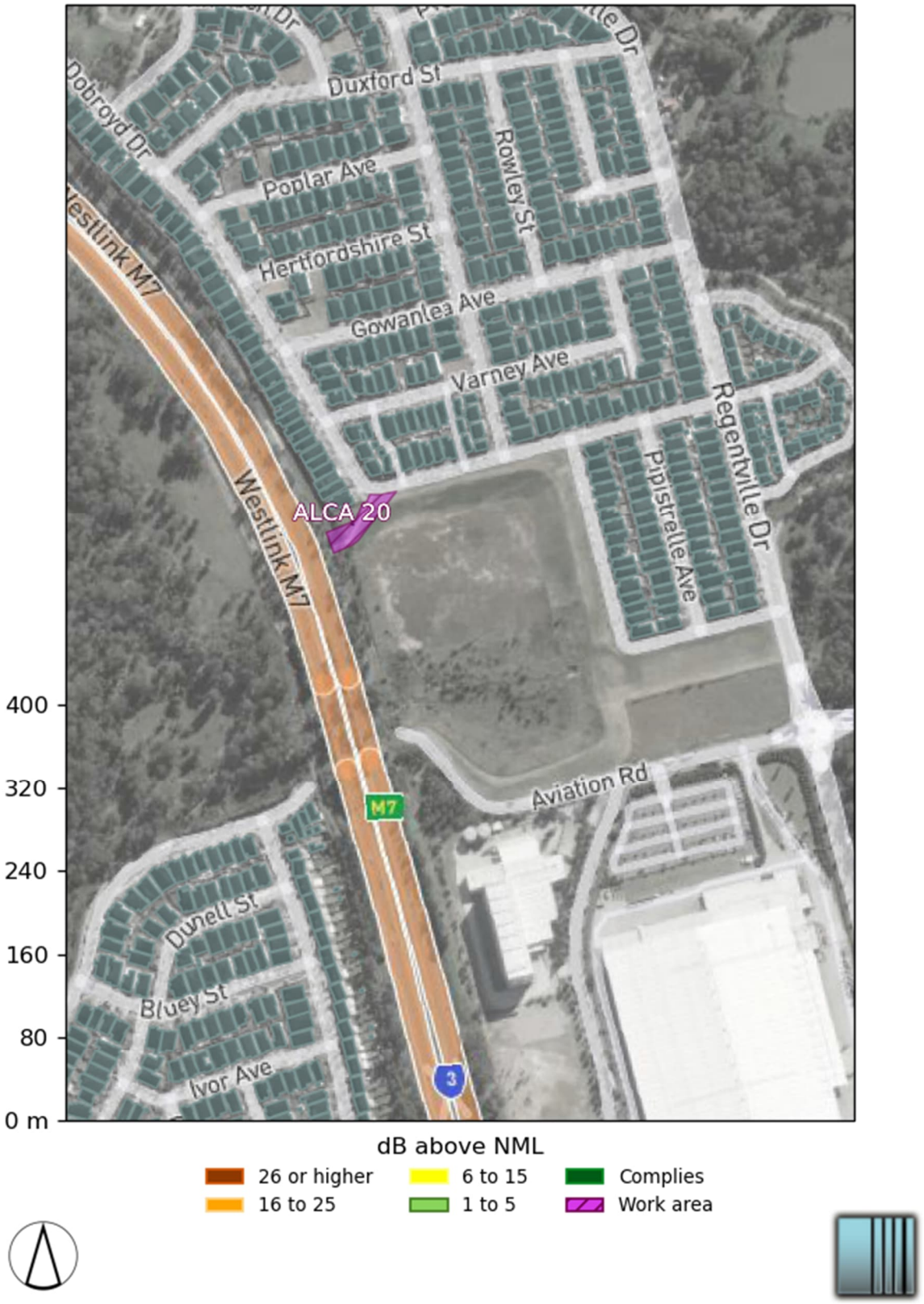
Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax	Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
18 ANTRIM DRIVE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	
1 BENTWING AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	23	-	23	23	31	-	-	-	
30 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	23	-	23	23	31	-	-	-	
4 ATHLONE STREET, CECIL HILLS, NSW	Non-receiver	999	999	999	999	None	None	23	-	23	23	31	-	-	-	
8 VIDAL AVENUE, ELIZABETH HILLS, NSW	Residential	54	49	48	44	55	65	22	-	22	22	30	-	-	-	
3, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	22	-	22	22	30	-	-	-	
7, JESSIE STREET, MIDDLETON GRANGE NSW 2171	Non-receiver	999	999	999	999	None	None	21	-	21	21	29	-	-	-	
50 SPENCER ROAD, CECIL HILLS, NSW	Educational	55	55	55	55	None	None	21	-	21	21	29	-	-	-	
21 ROBEY AVENUE, MIDDLETON GRANGE NSW 2171	Residential	54	49	48	44	55	65	19	-	19	19	27	-	-	-	

APPENDIX C Noise level above nominated target

Noise level above NML Day (area 1 of 1)



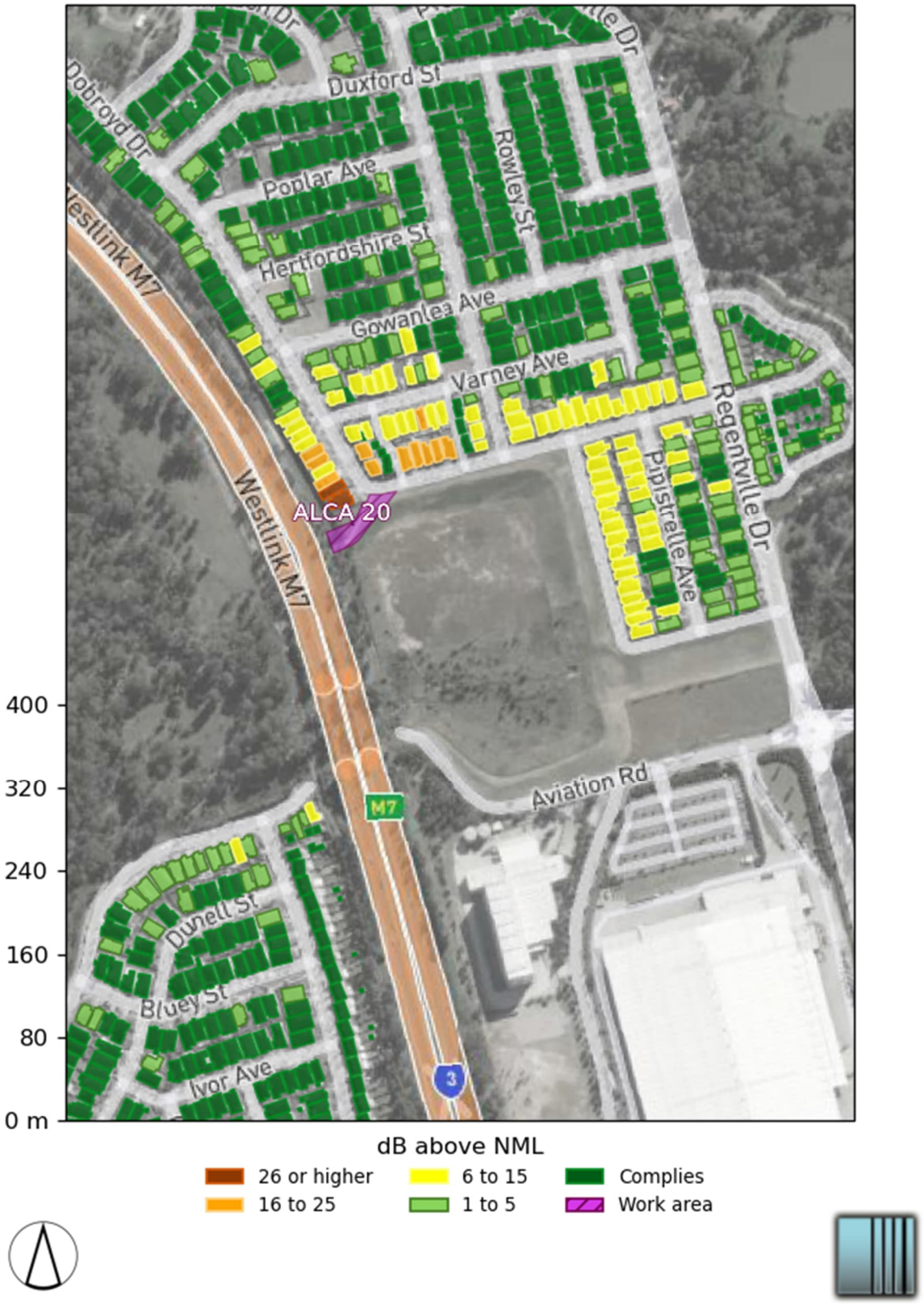
Noise level above NML Day (OOH) (area 1 of 1)



Noise level above NML Evening (area 1 of 1)



Noise level above NML Night (area 1 of 1)



Addendum Submission Date: 02/06/2025

Appendix B – Updated Consultation Evidence (Site 20)

[redacted]

From: [redacted]-JHG
Sent: Monday, 2 June 2025 4:08 PM
To: [redacted]
Cc: [redacted]

Subject: RE: Dobroyd Drive, Elizabeth Hills (Access request)
Attachments: M712UDC-JHGRP-M7W-ST-RPT-000476-REV-01 - Dobroyd Dr Dilap (1).pdf

Hi [redacted]
Thank you for confirming that.

JHG are happy to meet those conditions and confirm that:

1. Access only will be permitted over the area identified on the above plan and no permanent works will be allowed to be situated on Council land
    a. JHG confirm that only access is required on this land with all permanent works to occur in the M7 corridor.
2. John Holland provide both pre and post dilapidation reports associated with the subject Council land identified for access purposes.
    a. The pre-construction survey was completed on the 16 May 25 (attached for ease) and issued to council on the same day via Aconex.
3. John Holland indemnify Council from any claims associated with John Holland and its contractors entering/accessing Council land.
    a. JHG will install fencing in this area and JHG will act as PCBU for this land and as such have all of the required insurances etc for this area.
4. John Holland contact [redacted] (Acting Manager City Works) [redacted] prior to access and post access to determine if onsite inspection is required.
    a. I have called [redacted] and left a message. I am awaiting his return call to confirm the JHG access date of 4 June 2025.
5. John Holland to re-instate any damage if caused to Council land to standard required by Council.
    a. JHG confirm the land will be returned to LCC in a condition similar to or better than it was prior to occupation.

Regards,

[redacted]

JOHN HOLLAND M7–M12 Integration Project

AF9, 112-128 Wallgrove Road
Cecil Park NSW 2178
PO Box 98, Kemps Creek NSW 2178
[redacted]
W. www.m7m12integrationproject.com.au

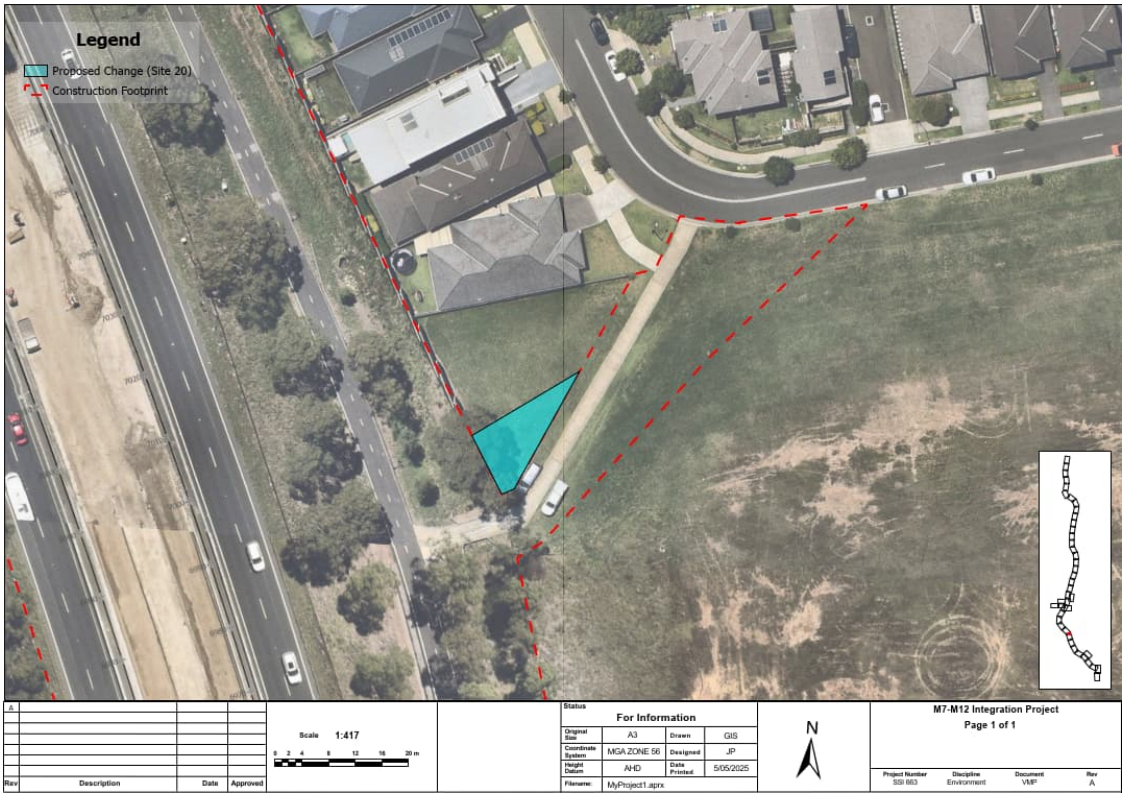
Caring Empowering Imaginative Future-focused

Make flexibility work – if you receive an email from me outside of normal business hours, it's because I'm sending it at a time that suits me. I am not expecting you to read it or reply until normal business hours.

From: [redacted]
Sent: Monday, 2 June 2025 3:35 PM
To: [redacted]
Cc: [redacted]
Subject: RE: Dobroyd Drive, Elizabeth Hills (Access request)

Hi [redacted],

I refer to our discussion and advise that approval is provided to John Holland (M7-M12 Integration Project) to access Council land being part of Lot 101 DP 1158385) situated off Dobroyd Drive, Elizabeth Hills, subject to confirmation of acceptance of the following conditions:



1. Access only will be permitted over the area identified on the above plan and no permanent works will be allowed to be situated on Council land
2. John Holland provide both pre and post dilapidation reports associated with the subject Council land identified for access purposes.
3. John Holland indemnify Council from any claims associated with John Holland and its contractors entering/accessing Council land.
4. John Holland contact [redacted] (Acting Manager City Works) [redacted] prior to access and post access to determine if onsite inspection is required.

5. John Holland to re-instate any damage if caused to Council land to standard required by Council.

If there are any issues with the se conditions please let me know, otherwise upon e-mail confirming acceptance approval is provided for access limited to the period required to complete the noise walls on the adjoining land.

Regards,

[redacted]
Manager Property Service

LIVERPOOL CITY COUNCIL

[redacted]
Customer Service: 1300 36 2170 | 50 Scott St Liverpool, NSW 2170, Australia
www.liverpool.nsw.gov.au



We acknowledge the traditional custodians of the land that now resides within Liverpool City Council's boundaries, the Darug and Dharawal na

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From: [redacted]
Sent: Monday, 2 June 2025 10:15 AM
To: [redacted]
Cc: [redacted]
Subject: RE: Dobroyd Drive Boundary Change

Hi [redacted],

Hope you had a great weekend.

I attempted to phone you this morning and appropriate that you are busy.

Just wanted to follow up on the below, could you please get back to us today if Liverpool Council doesn't have any further concerns regarding the project utilising the turf area as access point to the noise wall construction site?

Looking forward to hearing from you.

Thankyou-

[redacted]
Communications, Community and Stakeholder Relations Manager – M7
M7M12 Integration project
M. [redacted]

From: [redacted]
Sent: Friday, 30 May 2025 3:27 PM
To: [redacted]
Cc: [redacted]

[redacted]
Subject: FW: Dobroyd Drive Boundary Change

Hello [redacted],

Thank you so very much for your time on the phone with me just now, as discussed, please see the below email regarding our access proposal.

The pre-construction dilapidation has been completed and issued to Liverpool Council, and we will conduct a post-construction dilapidation once the work in the area is finished.
Once it's ready, Liverpool Council will also receive a copy of the post-construction dilapidation report via Aconex.

If Liverpool Council has no further concerns, please kindly approve this access proposal.

Thank you, John.

Warm regards,

[redacted]
Communications, Community and Stakeholder Relations Manager – M7
M7M12 Integration Project

JOHN HOLLAND M7–M12 Integration Project

AF9, 112-128 Wallgrove Road
Cecil Park NSW 2178
PO Box 98, Kemps Creek NSW 2178
M. [redacted]
E. [redacted]
W. www.m7m12integrationproject.com.au

From: [redacted]
Sent: Tuesday, 27 May 2025 10:12 AM
To: [redacted]
Cc: [redacted]
Subject: Re: Dobroyd Drive Boundary Change

Good morning All
In line with our previous discussions, we are not closing down the footpath or the roads around Dobroyd Drive.

Both the footpath and the road from part of our pedestrian and cyclist detour which is necessary to allow us to build the noise wall along the SUP inside the M7 corridor, As such it will remain open.

This request is to allow us to freely traverse council land at the location nominated in order for our plant and equipment to access the corridor to complete our works. This approval allows us to set hard limits to enable the project to remediate/make good the area once our works are complete.

on this basis, can you please confirm that JHG are able to utilise this area?

Regards,

[redacted]

AF9, 112-128 Wallgrove Road Cecil Park NSW 2178
PO Box 98, Kemps Creek NSW 2178
[redacted]
W. www.m7m12integrationproject.com.au

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From: [redacted]
Sent: Tuesday, May 27, 2025 8:26:39 AM
To: [redacted]
Cc: [redacted]
Subject: RE: Dobroyd Drive Boundary Change

Hi [redacted],
Regarding footpath and /or road closures, a road occupancy permit must be obtained from council by submitting ROC application form with all other documents online via e-planning portal.
Regards

[redacted]
Permit Approvals Officer
LIVERPOOL CITY COUNCIL [redacted]
Customer Service: 1300 36 2170 | 50 Scott Street Liverpool, NSW 2170, Australia
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From: [redacted]
Sent: Monday, 26 May 2025 5:56 PM
To: [redacted]
Cc: [redacted]
Subject: RE: Dobroyd Drive Boundary Change

Hello [redacted] and Team,

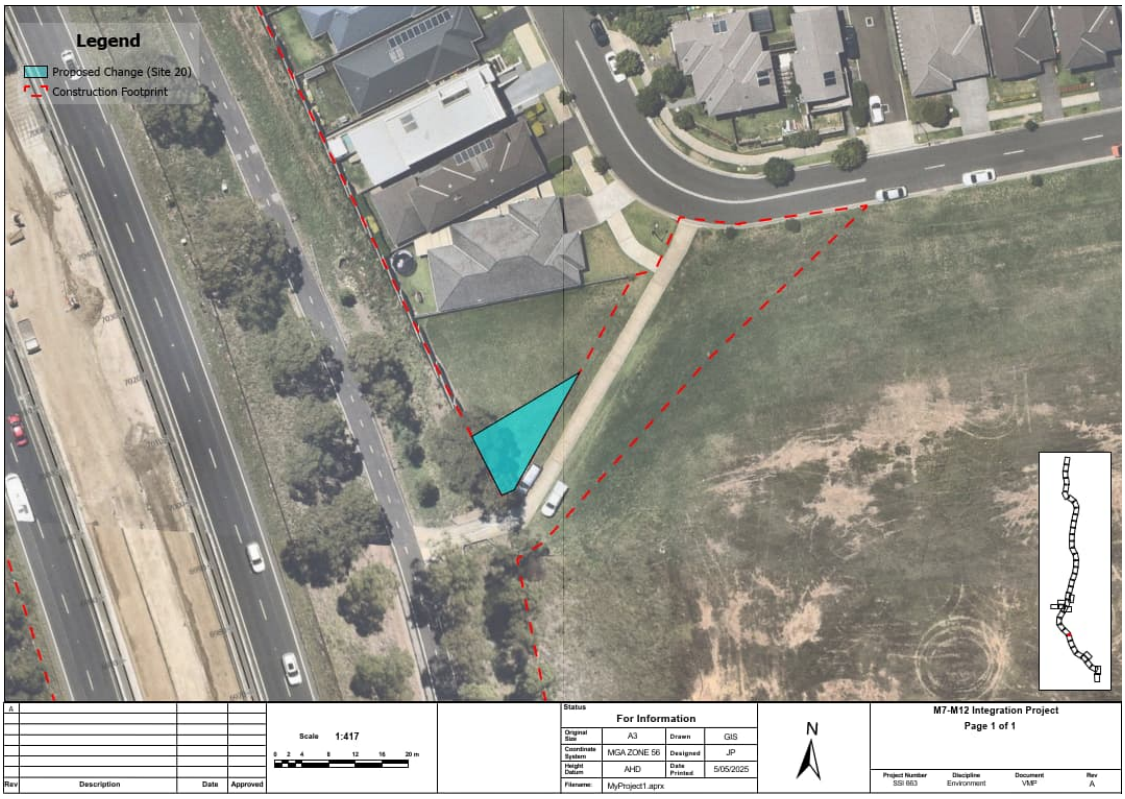
Hope all is well! 😊

As you are aware, the project is constructing a new noise wall along the M7 SUP adjacent to Dobroyd Drive, Elizabeth Hills.

Further to the previous email sent by our Environment team representative [redacted], dated 6 February 2025, regarding additional land, we have yet to hear back from Liverpool Council.

Could you or anyone from the Council please get back to us as soon as possible if you have any concerns regarding this proposal?

If not, could you please kindly issue your approval?



We look forward to hearing from you.

Thank you all!

Warm regards,

[redacted]
Communications, Community and Stakeholder Relations Manager – M7
M7M12 Integration Project

AF9, 112-128 Wallgrove Road
Cecil Park NSW 2178
PO Box 98, Kemps Creek NSW 2178
[redacted]
W. www.m7m12integrationproject.com.au

From: [redacted]
Sent: Friday, 23 May 2025 8:17 AM
To: [redacted]
Cc: [redacted]
Subject: RE: Dobroyd Drive Boundary Change
Importance: High

Hi All,

Chasing up a response to the below please?

Regards,

[redacted]
Senior Environment and Sustainability Advisor
M7/M12 Integration Project

AF9, 112-128 Wallgrove Road
Cecil Park NSW 2178
[redacted]
W. johnholland.com.au

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From: [redacted]
Sent: Tuesday, 6 May 2025 9:30 AM
To: [redacted]
Cc: [redacted]
Subject: FW: Dobroyd Drive Boundary Change
Importance: High

[redacted], for your review and approval. Thanks.

Regards,

[redacted]
Transport Planner

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[redacted]
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From: [redacted]
Sent: Tuesday, 6 May 2025 9:15 AM
To: [redacted]
Cc: [redacted]
Subject: Dobroyd Drive Boundary Change
Importance: High

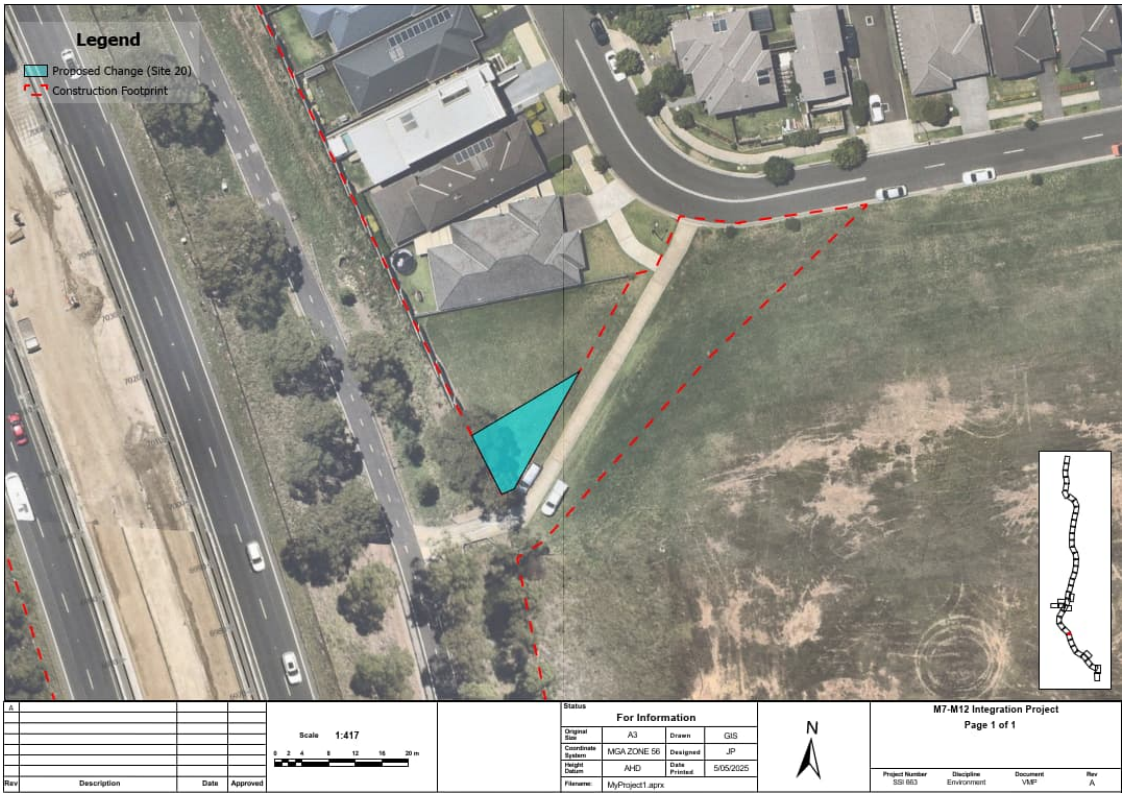
Hi [redacted],

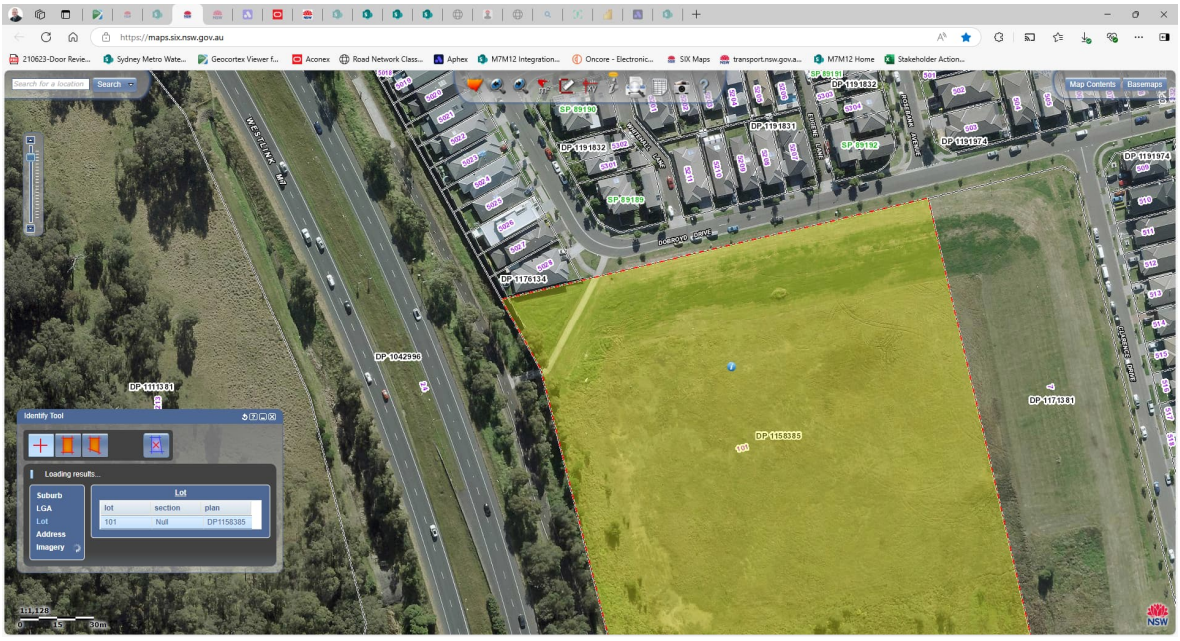
I hope this email finds you well.

The project requires a minor amendment for the southern access to the Dobroyd Drive noise wall within Lot 101 DP1158385 (LCC land) to aid in its constructability.

An additional 105 m2 (highlighted in blue within the map below) is required. The change is still within the same Lot/DP as previously discussed/applied for, hence I don't believe there are any additional permits/discussions required based off LCC's correspondence with Michael (attached for reference).

Would you mind confirming if you have any issues with this updated boundary/alignment?





If you have any questions regarding the above, please give me a call to discuss.

All the best,

[redacted]
Senior Environment and Sustainability Advisor
M7/M12 Integration Project

JOHN HOLLAND M7–M12 Integration Project

AF9, 112-128 Wallgrove Road
Cecil Park NSW 2178
[redacted]
W. johnholland.com.au





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