



Westlink M7 Widening

Division 5.2 Approval

Consistency assessment report

ITS Tolling Gantry and Drainage
Infrastructure North of Kurrajong Road

Transport for NSW | July 2024

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1. Introduction

1.1 Background

Transport for NSW (Transport) completed an environmental assessment for the construction and operation of the Western Sydney Orbital in 2002 (the approved project). 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 approved project 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 Transport in the Submissions Report. Construction activities commenced in 2003, 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 under the EP&A Act.

Six modifications to the approved project have been approved, 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 (M7 Widening).

The approval of Modification 6 incorporated revised conditions of approval (CoA). Modification 6 (referred to herein as M7 Widening) 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 Report) (August 2022) and Westlink M7 Widening Submissions Report (November 2022).

For the purposes of this consistency assessment, the Approval issued by the NSW Minister for Planning for the M7 Widening is referred to as the Division 5.2 Approval.

For the purposes of this consistency assessment, the Modification Report, the Submissions Report and subsequent consistency assessments are considered together to be the relevant M7 Environmental Assessment Documentation (M7 EAD).

Since approval of Modification 6, detailed construction planning identified the need to undertake works associated with installation of Intelligent Transport System (ITS) and supporting infrastructure beyond the construction footprint. The Proposed Change is required to enable construction installation of the ITS tolling gantry just north of the junction with the M5, as identified in the Modification Report.

A description of the M7 Widening is provided in Section 1.2 and a description of the Proposed Change is discussed in Section 2.

1.2 M7 Widening description

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

The M7 Widening 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 would be required to facilitate construction of the M7 Widening:

- 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 sub-structures
- 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 asphaltting 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

John Holland proposes to install Intelligent Transport Systems (ITS) infrastructure adjacent to and spanning the Westlink M7 northbound and southbound lanes to facilitate the new southbound and northbound lanes on the motorway. ITS infrastructure will include a tolling gantry, connections to power and the communications network, a tolling shelter, and relocation of an existing drainage swale. Additionally, construction of new drainage infrastructure is required due to the installation of an f-type barrier along this section of motorway which has necessitated the provision of drainage inlet pits. All of these elements are approved activities assessed in the EAD (refer Section 2.3 below for more detail), however due to insufficient area provided in the approved construction footprint, additional area is required to facilitate the works. The use of additional land to undertake these activities is subject to this consistency assessment, and is herein described as the Proposed Change.

The Proposed Change would be located at Prestons, north of Kurrajong Road.

Table 1 below summarises the Proposed Change. Figure 1 visually reflects the Proposed Change elements.

It is noted that while many elements of the proposed ITS scope fall outside of the construction footprint and require assessment, there are many elements of the ITS scope that fall within the construction footprint. For clarity, all activities associated with the ITS scope have been referenced in this assessment where relevant in the environmental assessment (Section 4), including those that fall within the construction footprint.

With regards to the gantry works, two of the four existing gantry structures are to be removed under the approved project and within the approved construction footprint. Following completion of the Proposed Change and removal of the two gantries, three gantries would remain.

Table 1: Summary of scope of works for Proposed Change

Scope description	Components	Timing
Vegetation clearing Southbound to facilitate drainage infrastructure works, and Northbound to facilitate utility, tolling and drainage infrastructure works	Southbound: Clearing and grubbing of around 1,030 m ² outside of the construction footprint. Northbound side: Clearing and grubbing of around 180 m ² outside of the construction footprint.	Outside of standard construction hours Standard construction hours
Toll Gantry Installation Southbound	Piling at one location. Installation of a tolling gantry (partially outside of the construction footprint on southbound M7 Westlink).	Outside of standard construction hours
Drainage infrastructure works Southbound	Installation of new stormwater drainage adjacent to the M7 Southbound carriageway, batter extension, swale drain construction and landscaping.	Standard construction hours and outside of standard construction hours

Scope description	Components	Timing
Drainage infrastructure and swale relocation to facilitate Toll Shelter Northbound	Construction of new diversion drain. Backfill of existing drainage swale.	Standard construction hours
Toll shelter installation Northbound	Placement of concrete slab and installation of prefabricated tolling shelter	Standard construction hours and outside of standard construction hours
Utility works (new ITS network) Northbound	Trenching, installation of power and communications conduit. Connection to existing networks. Backfill and reinstatement.	Standard construction hours and outside of standard construction hours
Landscaping Northbound and Southbound	Site finishings and reinstatement.	Standard construction hours, potential for out of hours for access to southbound area.

The Proposed Change falls outside of the construction footprint. The land is wholly within the operational Westlink M7 corridor including the shared user path (SUP) and Westlink M7 managed by Northwestern Roads Group. No changes to the operational boundary are proposed. An additional 1,385 m² (0.139 hectares) of land are required to facilitate the Proposed Change, which would constitute an increase in the construction footprint by around 0.096 per cent from the Modification Report (144 hectares).

The Consistency Assessment area outside the construction footprint indicated in Figure 1 is required to undertake the Proposed Change. The red area on the southbound side of the Westlink M7 is indicative of permanent drainage infrastructure to be constructed, and the surrounding area is required for constructability due to proximity of the area to live traffic, limited access and a steep embankment constraining the site.

The area on the northbound side of the Westlink M7 is required for the installation of utilities (communications and power), drainage swale relocation, and tolling shelter construction. The area shown in Figure 1 included in the northbound site includes space required for construction of these elements.

The works subject to this Proposed Change will not commence until this consistency assessment is approved by Transport and all other non-environmental and environmental obligations are fulfilled under the Contract.

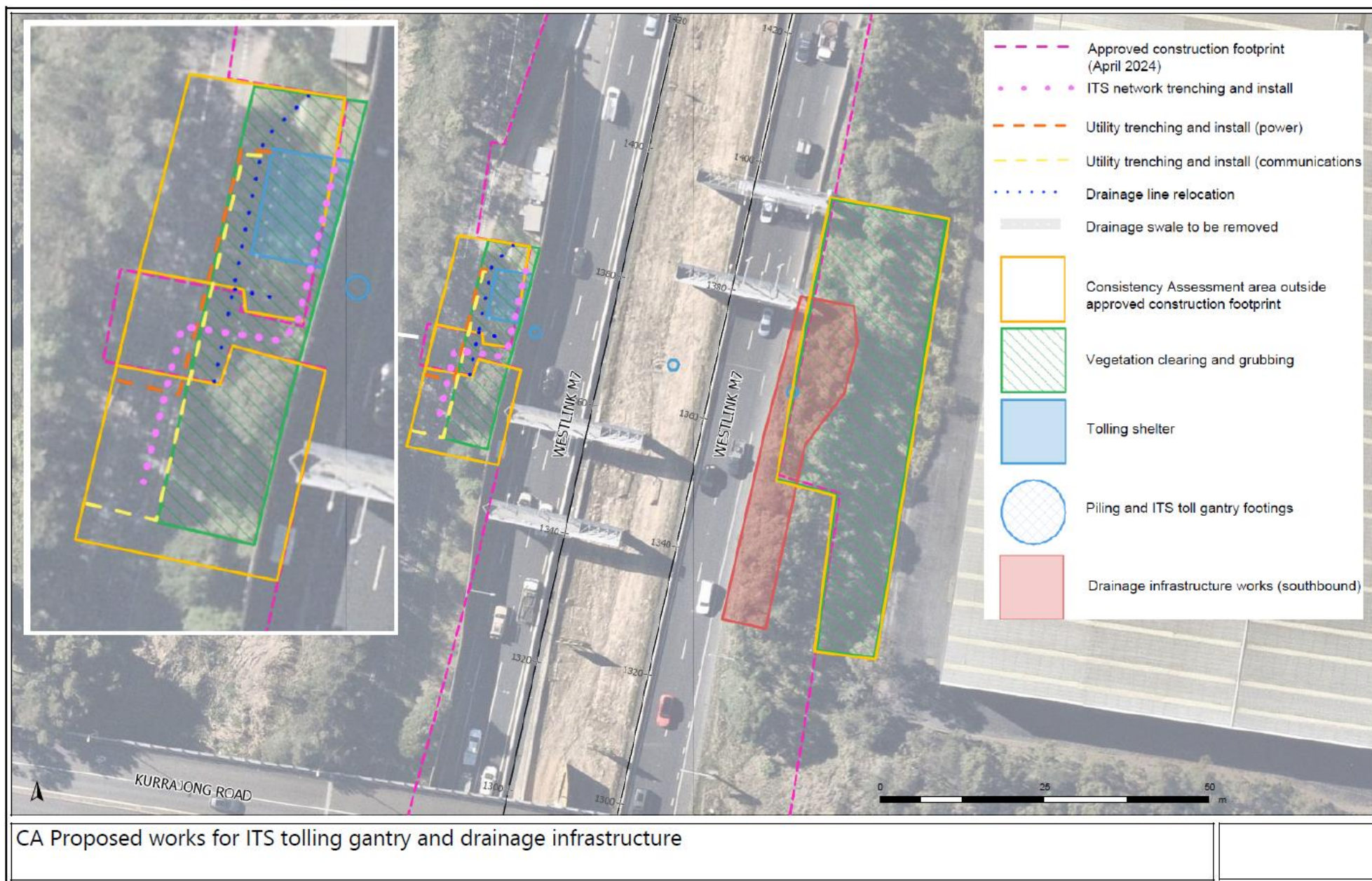


Figure 1: Proposed Change

2.2 Construction methodology and equipment

Methodology

The Proposed Change will involve:

- Clearing and grubbing (northbound and southbound)
- Piling, and Formwork, Reinforcement and Pour (FRP) of pile caps (northbound and southbound)
- Installation of gantry over M7 Westlink lanes (northbound and southbound)
- Construction of a cement slab and installation of a prefabricated tolling shelter
- Trenching along the shared user path (SUP) to connect the tolling shelter to electrical and communication networks (northbound)
- Relocation of a drainage swale (northbound)
- Installation of new stormwater drainage infrastructure, construction to undertake batter extension and swale drain construction (southbound)
- Landscaping (northbound and southbound).

No ancillary facilities are required to support the works, as existing amenities on site near the emergency pullover bay will be utilised by the workforce.

Construction equipment

Construction equipment for the Proposed Change includes:

Vegetation clearing (northbound and southbound)

- 2t Tipper
- Bucket Truck
- 6t Wheeled Excavator
- Whipper Snipper and hand tools

Trenching and utility works (northbound)

- 110t tipper
- 2t Tipper
- 4t Tipper
- 5t Excavator
- Hand tools (powered and non-powered)
- Whacker packer / plate compactor

Drainage and swale relocation (northbound)

- 14t Excavator
- 4t Tipper
- Bogie
- Equipment van
- Whacker packer / plate compactor

Tolling Shelter Installation (northbound)

- Concrete truck
- Mobile crane

Gantry installation: Piling and FRP of pile caps (northbound and southbound)

- 2t Tipper / Trucks
- Piling Rig
- Franna
- Traffic Control Crews and equipment
- Concrete Truck
- Concrete Pump
- Hand tools (powered and non-powered)
- Mobile crane

Gantry Installation: Placement of Gantry (northbound and southbound)

- 100T Mobile Crane

Drainage infrastructure works (southbound)

- Tippers
- 25T excavator
- 25T Franna
- Semi-trailer (truck)
- Concrete Pumps
- Concrete Truck
- Bogies

Landscaping (northbound and southbound)

- Spray grass truck
- Skid steer
- Bogies

The following table includes indicative vehicles required to facilitate the Proposed Change. Access would be predominantly via the Westlink M7, and southbound drainage works would be accessed via the approved construction footprint (adjacent to the Westlink M7 road corridor) to the south of the Proposed Change, which would be accessed from Barcelona Drive (potential access via private property would be subject to a separate consistency assessment/ and D83 heavy vehicle access local road approval).

Table 2: Indicative construction traffic for heavy vehicles and light vehicles associated with the Proposed Change.

	Light vehicles	Heavy vehicles
Daily number	7	15
Morning peak	5	7
Evening peak	5	7

2.3 Need

Section 4.2.14 of the Modification Report identifies the need to undertake ITS installations, adjustments and relocations, however detailed construction planning has identified that the easternmost footing falls outside of the approved construction footprint. The ITS tolling gantry and drainage infrastructure form critical operational ancillary facilities to support the M7 Widening Project and are a requirement under the agreed Scope of Works and Technical Criteria (SWTC). To support operation of the proposed modification, the tolling gantries just north of the M5 Motorway would need to have the location adjusted and be fitted with equipment to accommodate three lanes in each direction.

Section 4.2.6 of the Modification Report identifies the need for drainage pits around barriers proposed to be installed as part of the M7 Widening project, and also described the need to upgrade drainage to accommodate additional surface water runoff associated with the new impervious areas from the widened carriageway, which would include changes to existing pits or addition of new pits, and increase to drainage pipe sizes. Section 4.3.10 of the Modification Report identifies the requirement for adjustments to existing drainage infrastructure, and construction of new drainage infrastructure. The stormwater drainage infrastructure is required to ensure adequate capacity for surface water run-off during rain events during the operational phase of the Project. Detailed construction planning has identified that the Proposed Change requires additional land as there is insufficient space within the construction footprint for this infrastructure.

3. Consultation

One local road (Barcelona Drive) is required for the Proposed Change in addition to those assessed in Table 6-6 of Appendix of the Modification Report (Traffic and Transport Technical Paper), meaning that consultation with Liverpool City Council is required. This will be undertaken in accordance with condition of approval D84 separate to this consistency assessment.

No additional agency, organisation and community consultation has been identified as required regarding the proposed change. 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 and the Communication Management Plan.

If approved, this consistency assessment would be placed on Transport's project website:

<https://www.transport.nsw.gov.au/projects/current-projects/project-documents-m12-motorway>

4. Environmental assessment

An assessment has been undertaken to compare the environmental impacts of the Proposed Change relative to the environmental impacts of the project subject to the Division 5.2 Approval. This includes reference to environmental impacts detailed in the M7 EAD including:

- Westlink M7 Widening Modification Report prepared by Transport for NSW and dated August 2022.
- Westlink M7 Widening Submissions Report prepared by Transport for NSW and dated November 2022.
- Transport for NSW (December, 2023) M7 Widening, Incident Response Bays Consistency Assessment.
- Transport for NSW (December, 2023) M7 Widening, Changes to the Approved Construction Footprint Consistency Assessment.
- Transport for NSW (May, 2024) M7 Widening, Changes to the Approved Construction Footprint – Tranche 2 Consistency Assessment.
- Transport for NSW (February, 2024) M7 Widening, Crushing and screening at AF9.
- John Holland (June, 2024) M7 Widening, Northern Bridges Access.
- John Holland (June, 2024) M7 Widening, Bernera Road and Cowpasture Road boundary adjustment
- John Holland (June, 2024) M7 Widening, Great Western Highway Access Track.

Table 4-1: Environmental assessment of the Proposed Change

Environmental aspect	Comparative environmental assessment
Traffic and transport	<p data-bbox="443 256 864 285"><i>Assessment of potential impacts</i></p> <p data-bbox="443 304 694 333">Construction traffic</p> <p data-bbox="443 359 2096 454">The Proposed Change will not impact upon the number of construction vehicles, construction traffic, or ancillary facilities required for the Project as assessed in the EAD. Given the works are approved activities assessed in the EAD, the traffic volumes associated with the works were considered in the Modification Report and will not increase due to the Proposed Change.</p> <p data-bbox="443 480 2132 707">Further, Table 7-7 and 7-8 of the Modification Report assessed construction traffic volumes of up to 300 light vehicles and 80 heavy vehicles per day in the southern portion of the M7 Widening Project on local roads and approximately 1440 construction vehicles per day on the Westlink M7 between Camden Valley Way and Bernera Road.. Construction traffic associated with the Proposed Change will be localised at the site and would be associated with the works which are in proximity of the Westlink M7 road corridor. Considering the existing traffic volumes on the Westlink M7, the construction traffic volumes assessed in the EAD and the comparatively low number of 15 heavy vehicles and seven light vehicles per day (which translates to 1.4 and 0.6 vehicles per hour, respectively) associated with the Proposed Change will not materially impact on the road network.</p> <p data-bbox="443 732 2119 863">Access to the Proposed Change by construction vehicles would be via the Westlink M7 which is a designated haulage route outlined in the M7 Modification Report. Access to drainage works on the southbound Westlink M7 would be via the construction alignment within the current approved footprint which would be accessed via Barcelona Drive which is a local road. Given the low number of construction vehicles, it is not anticipated that the use of Barcelona Drive would affect local traffic or access to a greater extent than as assessed in the EAD for local roads.</p> <p data-bbox="443 888 2128 1019">The proposed change would require partial or full closure of southbound lanes during select activities including piling, vegetation clearing in the southbound area of the Proposed Change, construction of the drainage infrastructure and landscaping. Such works would be undertaken during out of hours when traffic volumes are reduced to minimise impacts to traffic. The EAD considers works in proximity to the motorway traffic and requirements to undertake such construction activities during out of hours periods.</p> <p data-bbox="443 1045 1370 1074">Therefore, construction traffic impacts are considered consistent with the EAD.</p> <p data-bbox="443 1099 651 1128">Public transport</p> <p data-bbox="443 1153 2114 1217">The Proposed Change would not impact on any bus stops or bus routes. Additionally, construction traffic volumes on the road network are not expected to increase from what was assessed in the EAD, therefore additional impacts to public transport travel times are unlikely.</p> <p data-bbox="443 1243 1503 1272">As such, impacts to public transport and its users are considered consistent with the EAD.</p> <p data-bbox="443 1297 651 1326">Active transport</p> <p data-bbox="443 1351 2128 1447">The EAD considered the need to for temporary SUP closures to permit the construction of the Westlink M7 widening, including closure and use of detours. Use of the SUP on the western side of the Westlink M7 would be impacted by the northbound area of the Proposed Change. Temporary pedestrian/cyclist management along the SUP with traffic control would be required so that the shared user path can remain open</p>

Environmental aspect	Comparative environmental assessment
	<p>to users. No closures of the SUPs are required to facilitate the Proposed Change and therefore the Proposed Change is consistent with the EAD.</p> <p><i>Environmental management measures</i></p> <p>Management measures for traffic and transport identified in the EAD are considered appropriate for the Proposed Change.</p> <p>Assessment and approval from the Planning Secretary is required for use of Barcelona Drive by heavy vehicles under CoA D83 and D84.</p>
Biodiversity	<p><i>Assessment of potential impacts</i></p> <p>Section 2.6 of the BDAR assessed impacts to planted native vegetation, which were planted as part of the landscaping plan for the Westlink M7. Given the young age of the planted vegetation, the BDAR assessed that none of the trees contain hollows nor did they exhibit any signs of occupation by native fauna species. The BDAR found that as no threatened species were observed, indicated or considered likely to use the planted native vegetation as habitat.</p> <p>An ecological assessment undertaken by John Hollands ecologist (refer Appendix B) identified the Proposed Change sites as comprising non-native vegetation dominated by exotic species. Figure 1 shows the extent of clearing and grubbing associated with the Proposed Change. No clearing or trimming of trees adjacent to and overhanging the SUP on the northbound area of the Proposed Change is required.</p> <p>The southbound gantry and drainage infrastructure site consisted of native trees and shrubs that were planted and naturally regenerated following the construction of the Westlink M7. The ground cover contained exotic grasses and weeds. Bridal Creeper (<i>Asparagus asparagoides</i>) and Fireweed (<i>Senecio madagascariensis</i>) were identified within the southbound gantry site; these are listed as a Weed of National Significance (WONS). The northbound site had shrubs consisting of specifically Prickly Leaved Paperbark (<i>Melaleuca styphelioides</i>) and exotic shrubs. The ground cover contained exotic grasses and weeds. Bridal Creeper was identified within the northbound area of the Proposed Change extent, which is listed as a WONS.</p> <p>The vegetation present within the areas subject to the Proposed Change do not conform to any NSW Plant Community Types (PCTs) or any PCTs identified and described within the Biodiversity Development Assessment Report (BDAR). No threatened species were recorded at either of the sites nor was any habitat for threatened species present. This is consistent with the description of planted native vegetation in the BDAR described above, and is consistent with the EAD, which found that while some of the planted vegetation in the M7 alignment would technically conform to a PCT that is associated with threatened flora (i.e. Spiked Rice-flower), the degraded habitat, disturbed soil profile and maintenance regime is likely to preclude the presence of any threatened flora species.</p> <p>Based on the above, no significant impacts to non-planted native vegetation are anticipated as a result of the Proposed Change.</p> <p>Based on the ecological assessment, impacts to biodiversity would be consistent with those identified in the EAD, and no impacts to PCTs would result from the Proposed Change. A pre-clearing survey would be undertaken prior to works. This is consistent with the EAD.</p> <p><i>Environmental management measures</i></p> <p>Management measures for biodiversity identified in the EAD are considered appropriate for the Proposed Change.</p>

Environmental aspect	Comparative environmental assessment
	<p>Mature trees removed will be added to the projects tree register in accordance with Condition D11 and replaced in accordance with D12.</p>
Air quality	<p><i>Assessment of potential impacts</i></p> <p>Air quality impacts associated with the Proposed Change would be minor. Activities associated with the Proposed Change that would be likely to affect air quality include:</p> <ul style="list-style-type: none"> • Ground disturbance causing dust emissions • Mud tracking from vehicles causing dust emissions • Operation of plant and equipment resulting in particulate emissions. <p>This is consistent with activities and potential impacts identified and assessed in the EAD. Therefore, given the minimal additional land to be disturbed compared with the project footprint, and limited construction plant and vehicles to be operated to facilitate the Proposed Change, there are no additional air quality impacts associated with the Proposed Change over and above those identified in the EAD.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for air quality identified in the EAD are considered appropriate for the Proposed Change.</p>
Hydrology and flooding	<p><i>Assessment of potential impacts</i></p> <p>The extent of works associated with the Proposed Change is located around 20 metres east of Maxwells Creek, and on land mapped in the M7 EAD as being impacted by 0.2-0.3 metre inundation during 20 per cent Annual Exceedance Probability (AEP) flood events. There is also the potential for inundation of the works site during a flood event, which was assessed in Table 7-37 of the Modification Report.</p> <p>The Proposed Change involves minor ground disturbance, including:</p> <ul style="list-style-type: none"> • Earthworks including trenching, drainage swale and infrastructure construction, batter works and landscaping, • Clearing of vegetation, and • Installation of infrastructure including the ITS toll gantry and prefabricated toll shelter. <p>Levelling is required for the tolling shelter only, with a concrete slab to be constructed prior to the placement of the prefabricated shelter. The remaining works on the northbound area of the Proposed Change of the Westlink M7 would generally be undertaken such that the existing slope at the site would not be adjusted. Therefore, the Proposed Change is expected to have minimal impact on flood behaviour and hydrology at Maxwells Creek. This is consistent with the potential impacts assessed in Table 7-37 of the Modification Report.</p> <p>The construction of the drainage infrastructure on the southbound side of the motorway would ensure adequate drainage of surface waters generated during rainfall on the Westlink M7 during its operation. Upgrades to drainage are required to accommodate increase in surface water run-off resulting from increase in pavement surface area associated with the M7 Widening project and is described in Section 7.4.5 of the</p>

Environmental aspect	Comparative environmental assessment
	<p>Modification Report. The drainage would then direct surface waters to the existing detention basin located to the north of the Proposed Change. This is consistent with the EAD.</p> <p>The relocation of the diversion drain on the northbound side of the motorway would ensure drainage requirements are met following installation of the tolling shelter which would sit on top of the existing drainage infrastructure. There would be no operational impacts to hydrology and flooding resulting from the northbound drainage relocation as the infrastructure would be in a similar location to the existing swale, and would not change the catchment, capacity or direction of surface water run-off.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for hydrology and flooding identified in the EAD are considered appropriate for the Proposed Change.</p>
Soils and contamination	<p><i>Assessment of potential impacts</i></p> <p>The Proposed Change involves minor earthworks for construction of the drainage infrastructure, installation of the ITS network, relocation of the drainage swale and piling. Ground disturbance would also result from clearing of vegetation. Earthworks would be required on the northbound site for trenching, swale relocation, and levelling at the toll shelter location. Earthworks would be required on the southbound site for piling of the new gantry footing, and excavation to construct upgraded drainage infrastructure. No stockpiling is proposed within the additional areas subject to this assessment, with laydown area proposed in the M7 median in accordance with existing approvals. If not adequately managed, the construction activities could potentially have impacts from erosion of exposed soils and an increase in sediment loads entering nearby Maxwells Creek. The volume of exposed soils due to the Proposed Change is minor compared to the approved project and these activities are consistent with the potential impacts associated with overall earthworks for the approved project.</p> <p>As identified in the Modification Report, there is the potential for works across the alignment to disturb existing contamination during construction. The Proposed Change is located within Precinct 1 of the soils and contamination assessment study area outlined in Section 7.11 of the Modification Report. Potential areas and contaminants of concern along the Westlink M7 Widening alignment were outlined in Table 7-90 of the Modification Report. As the Proposed Change is located within the assessment study area, no additional areas of contamination to those identified in the Modification Report would be impacted.</p> <p>The utility trenching works in the northbound area of the Proposed Change are proximate to a known area of friable asbestos contamination in soils which is included in the project asbestos register. Sampling has been undertaken which did not identify the presence of asbestos in samples selected for laboratory analysis.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for soils and contamination identified in the EAD are considered appropriate for the Proposed Change.</p>

Environmental aspect	Comparative environmental assessment
Surface water and groundwater	<p><i>Assessment of potential impacts</i></p> <p>The primary potential for impacts on surface water during construction is through erosion and mobilisation of sediments and associated nutrients, heavy metals and toxicants into waterways. No additional watercourses would be impacted over what was described in the EAD. The extent of the Proposed Change (northbound) is located around 240 metres upstream of the location at which the approved project construction footprint intersects Maxwells Creek. Construction activities being undertaken at the Proposed Change site would be an extension of the construction activities being undertaken within the approved project footprint.</p> <p>The construction of drainage infrastructure on the southbound site will tie into existing catch drain which connects to an existing detention basin around 25 metres north of the site. The installation of the infrastructure would improve the drainage of the Westlink M7 to account for the additional pavement, and would drain to the detention basin. The Proposed Change would therefore result in improved design to accommodate the M7 Widening and improve operational water quality as per the EAD. The proposed change would not decrease the distance of construction activities to the detention basin as assessed in the EAD, which are located 15 metres west in the Westlink M7 median.</p> <p>The relocation of the diversion drain on the northbound side of the motorway would ensure drainage requirements are met following installation of the tolling shelter which would sit on top of the existing drainage infrastructure. There would be no operational impacts to water quality resulting from the northbound drainage relocation as the infrastructure would be in a similar location to the existing swale, and would not change the catchment, capacity, or direction of surface water run-off.</p> <p>Groundwater may be impacted if construction activities intersect with the groundwater, and/or where construction impacts on the surface water regimes which are hydraulically connected to shallow groundwater. The EAD assessed the potential impact that the M7 modification on groundwater conditions during construction. It was identified that groundwater may be impacted if construction activities intersect with the groundwater, and/or where construction impacts on the surface water regimes hydraulically connected to shallow groundwater.</p> <p>Therefore, the proposed change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for surface water and groundwater identified in the EAD are considered appropriate for the Proposed Change.</p>
Noise and vibration	<p><i>Assessment of potential impacts</i></p> <p>Noise</p> <p>The Proposed Change involves some construction activities outside of the construction footprint. As a result, in some cases construction activities would extend closer to sensitive receivers. No changes to the timing, equipment or methodology for construction are required compared with the scope of the approved project. Works associated with the Proposed Change are expected to occur during daytime hours and out of hours to minimise impacts to traffic and due to Road Occupancy License (ROL) restrictions.</p> <p>A noise assessment has been included in Appendix C for proposed works. Note that this noise assessment includes all works associated with the Proposed Change for completeness, including toll gantry installation within the approved construction footprint. This assessment has been prepared to assess the noise impact of the Proposed Change and was used to compare against the impacts described in the EAD. A</p>

Environmental aspect	Comparative environmental assessment
	<p>cumulative assessment was also undertaken and is included in Appendix D for the purpose of understanding the cumulative noise impacts of the Proposed Change and approved works within the approved construction footprint.</p> <p>The nearest receivers are as follows:</p> <ul style="list-style-type: none"> • Residences located southeast of the Proposed Change, from around 75 metres. • Residences located southwest of the Proposed Change, from around 270 metres. • Industrial facility located around 10 metres east. • Educational facility (Amity College), located around 215 metres west. • Childcare centre (14 Skipton Lane), located around 175 metres southeast. <p>A number of exceedances of NMLs were identified in the noise assessment for the Proposed Change (Appendix C), and are summarised as follows:</p> <ul style="list-style-type: none"> • Day period: Exceedance of NML by 0-10 dB(A) at the educational facility and childcare facility • Evening period: Exceedance of NML by 0-5 dB(A) at five residences within noise catchment area (NCA) 06 • Night period: Exceedance of NML by 0-5 dB(A) at one residence within NCA05, three residences within NCA01, and five residences within NCA06. <p>Note: Exceedances of NMLs at the educational facility and childcare centre during night and evening periods are not considered to impact the receivers, as they do not operate during these hours.</p> <p>By comparison, the EAD identified NML exceedances during an earthworks scenario at four sensitive receivers during standard construction hours, and at up to 16 sensitive receivers during OOHW in the equivalent NCA (NCA17). Table 4-3 of Appendix E of the Modification Report, and Figure 7-5 of the Modification Report identified around 10 sensitive receivers during all construction scenarios (including standard and out of hours works) to be highly noise affected (>75 dB(A)) by the approved project within 150 metres of the Proposed Change extent. The noise assessment summarised above and presented in Appendix C did not identify any highly noise affected sensitive receivers as a result of the Proposed Change. In summary, the Proposed Change is not anticipated to result in noise impacts greater than what was assessed in the EAD..</p> <p>The noise environment at the affected locations is highly characterised by existing road traffic noise from the Westlink M7. The predicted exceedances are considered to be minor in nature and would be representative of peak impacts only, meaning that the typical impact would be less. In addition, the activities associated with the Proposed Change are not noisier when compared to the approved project in those locations, as demonstrated by Section 3.1.1 of the cumulative noise assessment (Appendix D). This means that the works associated with the Proposed Change would not increase the noise impacts to nearby receivers compared to those identified in the EAD.</p> <p>The Proposed Change would increase the construction boundary, and therefore the distance to sensitive receivers would be reduced marginally. Specifically, the distance of construction to the educational facility (Amity College) and Childcare Centre would be reduced by 15</p>

Environmental aspect	Comparative environmental assessment
	<p>metres, and to the industrial facility directly east of the Proposed Change by around 2 metres. Predicted noise levels associated with the Proposed Change would not lead to an increase in noise at sensitive receivers compared to those assessed in the EAD. The EAD identifies the affected NCAs (NCA 01, NCA05 and NCA06) would experience noise levels exceeding the NMLs and include highly noise affected sensitive receivers as a result of the approved M7 Widening project. The number of sensitive receivers would not increase from those identified in the EAD due to the Proposed Change.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p>Vibration</p> <p>A vibratory roller, whacker packer and piling rig are required to undertake activities associated with the Proposed Change. The nearest structure to the Proposed Change is an industrial facility, located around 25 metres east of the boundary of the works. The structure is not a heritage listed item and is outside of the minimum working distance for cosmetic damage of 5 metres to structures for all rollers, whacker packers and piling rigs. Therefore, the Proposed Change will not result in vibration intensive construction equipment being located closer to sensitive receivers.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for noise and vibration identified in the EAD are considered appropriate for the Proposed Change.</p>
Aboriginal heritage	<p><i>Assessment of potential impacts</i></p> <p>John Hollands heritage specialist undertook an assessment of the Proposed Change (Appendix E) which is located within the EAD Aboriginal Heritage study area. A review of the Westlink M7 Widening EAD, including the Aboriginal Cultural Heritage Stage 2 PACHCI Archaeological Report (the Aboriginal Archaeological Report), has identified three recorded Aboriginal sites within 100m of the proposed works: AHIMS ID 45-5-2800 (MC9), AHIMS ID 45-5-2302 (GP-CP2) and AHIMS ID 45-5-2709 (P-CP16). An extensive search of the AHIMS database undertaken on 23 April 2024 (Search ID 886188) confirmed that no new sites have been identified in this area since the finalisation of the Aboriginal Archaeological Report. It is noted that the current location of AHIMS ID 45-5-2800 recorded on AHIMS is different to what is recorded in the Aboriginal Archaeological Report. However, this appears to be the result of an erroneous update to the site card in 2021, as the updated site card description and coordinates refer to the area around Bournda, NSW which is located more than 300km to the southwest. If the 2021 site card update for AHIMS ID 45-5-2800 is excluded, then the results of the recent AHIMS search is consistent with the Archaeological Report.</p> <p>AHIMS ID 45-5-2800 (MC9) and AHIMS ID 45-5-2302 (GP-CP2) are both located more than 50 m from the proposed works and would not be impacted. AHIMS ID 45-5-2709 (P-CP16) would be located within about 20 m of the proposed drainage infrastructure works on the east side of the Westlink M7. AHIMS ID 45-5-2709 (P-CP16) is currently registered as a valid site on AHIMS. Site cards for these locations are included in Appendix E. However, field investigations undertaken by AECOM in February 2024 as part of a consistency assessment for the Westlink M7 Widening (Transport for NSW, May 2024) determined that AHIMS ID 45-5-2709 (P-CP16) should be listed as destroyed. An Aboriginal Heritage Impact Permit (AHIMS permit #1637) was issued on 23 April 2003 with consent to destroy the site 'in the course of proposed corridor</p>

Environmental aspect	Comparative environmental assessment
	<p>of the Western Sydney Orbital'. It is also noted that while the Proposed Change would result in an increase to the construction footprint, the sites are not considered directly adjacent to the extent of the Proposed Change.</p> <p>The Proposed Change would be limited to areas that are expected to have been subject to substantial ground disturbance associated with the construction of the Westlink M7. Therefore, it is assessed that there is generally nil potential for subsurface Aboriginal objects to be present. As a result, it is concluded that no known and valid Aboriginal sites would be impacted by the proposed works (in accordance with CoA D32), and it is not expected that potential subsurface objects would be present.</p> <p>This is consistent with impacts to Aboriginal heritage assessed in the EAD which included the AHIMS sites identified above which were not considered directly adjacent to the construction footprint. The EAD identified six Aboriginal sites within and directly adjacent to the M7 Widening extent and found there would be no impact to these sites as a result of the M7 Widening project.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for Aboriginal heritage identified in the EAD are considered appropriate for the Proposed Change.</p>
Non-Aboriginal heritage	<p><i>Assessment of potential impacts</i></p> <p>John Hollands heritage specialist undertook an assessment of the Proposed Change (Appendix E) for non-Aboriginal heritage. The Proposed Change is located within the EAD non-Aboriginal heritage assessment area.</p> <p>Built heritage</p> <p>A search of relevant statutory heritage registers, the Westlink M7 Widening Environmental Assessment Documentation, and the M7-M12 CCHMP has not identified any listed heritage items within 100 metres of the proposed works. As a result, the Proposed Change would not cause any impacts to heritage items.</p> <p>Non-Aboriginal archaeology</p> <p>A review of the Westlink M7 Widening EAD, including the Non-Aboriginal Heritage Impact Assessment Report, has not identified any known areas of non-Aboriginal archaeological potential in the location of the proposed works. In addition, the proposed works would be located within and immediately adjacent to the existing road corridor, and it is expected that the construction of this would have heavily disturbed the area.</p> <p>As a result, it is assessed that there is generally 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.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for non-Aboriginal heritage identified in the EAD are considered appropriate for the Proposed Change.</p>

Environmental aspect	Comparative environmental assessment
Landscape character and visual amenity	<p data-bbox="445 204 862 233"><i>Assessment of potential impacts</i></p> <p data-bbox="445 252 2063 312">Landscape character and visual impacts associated with the proposed change would be temporary and viewpoints are the same as those described in the EAD.</p> <p data-bbox="445 339 2101 435">The additional area associated with the proposed change would be located within an 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:</p> <ul data-bbox="495 464 1285 596" style="list-style-type: none"> • Vegetation clearing • Earthworks and associated dust dispersal • Stockpiling of materials • Presence of temporary structures, hoardings and noise barriers <p data-bbox="445 624 2112 783">Removal of vegetation, relocation of drainage swale and installation of the tolling shelter and gantry would be noticeable to visual receptors during operation, and would impact landscape character and visual amenity due to change in canopy cover and installation of new permanent above-ground infrastructure. It is noted that, while not subject to this CA, two of the four existing gantry structures are to be removed, which would result in three gantries remaining (including the Proposed Change) following completion of works in the area. This would result in a similar or reduced visual impact attributed to the presence of ITS gantries compared with the existing condition.</p> <p data-bbox="445 810 2042 906">Clearing and tree planting (i.e. final trees to be removed and planted) will be finalised during detailed design, as discussed in the EAD. Earthworks, stockpiling and temporary structures would be short term in nature and confined to the construction period for the Proposed Change only. Construction impacts associated with the Proposed Change are similar to those considered in the EAD.</p> <p data-bbox="445 933 2101 1061">The EAD considers utility works, upgrades to drainage infrastructure and ITS installations. The proposed change is located within Landscape Character Zone (LCZ) 1 Infrastructure Corridor as defined in the Modification Report. Given the Proposed Change includes infrastructure consistent with a road corridor. The landscape character and visual amenity impacts associated with the proposed change would be minor in magnitude when compared to the approved project.</p> <p data-bbox="445 1088 2042 1117">The following design objectives and principles outlined in Appendix K of the Modification Report are applicable to the Proposed Change:</p> <ul data-bbox="495 1144 2033 1240" style="list-style-type: none"> • Integration of new and/or modified drainage infrastructure required to service the additional road pavement with existing. • Safety barriers, signage, gantries and other road furniture components such as lighting to ensure the maintenance of the visual simplicity and coordination of the original design. <p data-bbox="445 1267 2092 1327">Given the Proposed Change is for the construction of drainage infrastructure and installation of a gantry, the Proposed Change is consistent with Appendix K of the Modification Report.</p> <p data-bbox="445 1355 1370 1383">Thus, the proposed change is considered consistent with the approved project.</p>

Environmental aspect	Comparative environmental assessment
	<p><i>Environmental management measures</i></p> <p>Management measures for landscape character and visual amenity identified in the EAD are considered appropriate for the Proposed Change.</p>
Land use and property	<p><i>Assessment of potential impacts</i></p> <p>Areas outside of the construction footprint assessed for the EAD would be required for the Proposed Change.</p> <p>The Proposed Change would be located within the operational M7 corridor, and within the same land use zones that have been assessed in the EAD. All construction activities that would occur as part of the proposed change have been considered and assessed in the EAD. Therefore, there would be no additional impacts to land use as a result of the proposed change.</p> <p>As such, impacts to property and temporary leases due to the Proposed Change would be consistent with the EAD.</p> <p><i>Environmental management measures</i></p> <p>Management measures for land use and property identified in the EAD are considered appropriate for the Proposed Change.</p>

Environmental aspect	Comparative environmental assessment
Socio-economic	<p><i>Assessment of potential impacts</i></p> <p>Key social impacts that were identified in the EAD for the approved project include how the project may affect:</p> <ul style="list-style-type: none"> • Health and wellbeing • People's way of life and livelihoods • Surroundings (including natural values) and culture, including the connection and value place on the land by local Aboriginal communities • Affected communities, including composition, cohesion and people's sense of place • access to and use of infrastructure, local services, and facilities. <p>The proposed change may impact social aspects due to the following:</p> <ul style="list-style-type: none"> • Extension of the construction boundary closer to sensitive receivers may increase impacts to affected communities • Lane closures, 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 may cause disruptions to SUP users, decrease safety, deter the use of active transport options, and affect movement patterns and accessibility if not managed appropriately. <p>Works requiring full or partial closure of northbound and/or southbound lanes would be undertaken on night shift when traffic volumes are low to minimise impacts to road users and surrounding localities.</p> <p>Impacts to the SUP would be minor, with temporary pedestrian and cyclist management to be undertaken for the construction works associated with the Proposed Change affecting the SUP.</p> <p>As such, the social impact of the proposed change is expected to be minor in comparison to the approved project and consistent with those outlined in the EAD .</p> <p><i>Environmental management measures</i></p> <p>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 outlined in the EAD (see relevant environmental assessments in Section 4).</p> <p>Management measures for socio-economic identified in the EAD are considered appropriate for the Proposed Change.</p>
Waste	<p><i>Assessment of potential impacts</i></p> <p>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 piling and vegetation clearing), this</p>

Environmental aspect	Comparative environmental assessment
	<p>waste would be appropriately disposed of and managed in accordance with the <i>Construction Waste and Resource Management Plan</i> developed for the approved project.</p> <p>The waste impacts that result from the proposed change would be minor in nature in comparison to the wider Project. Additional waste related impacts are not expected. As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for waste identified in the EAD are considered appropriate for the Proposed Change.</p>
Sustainability, climate change and greenhouse gas	<p><i>Assessment of potential impacts</i></p> <p>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.</p> <p>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.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for Sustainability, climate change and greenhouse gas identified in the EAD are considered appropriate for the Proposed Change.</p>
Hazard and risk	<p><i>Assessment of potential impacts</i></p> <p>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.</p> <p>As the Proposed Change includes minor earthworks, vegetation clearing, and installation of drainage and ITS infrastructure as included in the M7 EAD wider construction scope, hazard and risk construction impacts of the Proposed Change would be consistent with the EAD. Additional hazard and risk related impacts are not expected.</p> <p>As such, the Proposed Change is considered to be consistent with the approved project.</p> <p><i>Environmental management measures</i></p> <p>Management measures for hazard and risk identified in the EAD are considered appropriate for the Proposed Change.</p>

Environmental aspect	Comparative environmental assessment
Cumulative impacts	<p data-bbox="445 204 864 233"><i>Assessment of potential impacts</i></p> <p data-bbox="445 248 2114 312">The scale and required for the Proposed Change would not impact upon other projects in the surrounding area. Given the very 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.</p> <p data-bbox="445 336 1485 368">As such, the Proposed Change is considered to be consistent with the approved project.</p> <p data-bbox="445 392 936 421"><i>Environmental management measures</i></p> <p data-bbox="445 437 1883 469">Management measures for cumulative impacts identified in the EAD are considered appropriate for the Proposed Change.</p>

5. Consistency assessment – the Division 5.2 Approval

5.1 Minister's Conditions of Approval and Environmental management measures

The Proposed Change has been assessed in Appendix A in relation to the relevant conditions of approval and revised environmental management measures for the M7 Widening.

The Proposed Change can be accommodated within the M7 Widening conditions of approval. The Proposed Change is consistent with the environmental management measures incorporated as part of the Division 5.2 Approval.

5.2 Project objectives

The M7 Widening project objectives are to:

- 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 M7 Widening project objectives by enabling the construction of the road that achieves these project objectives. As such the Proposed Change is consistent with the M7 Widening project objectives.

5.3 Consistency questions – the Division 5.2 Approval

Table 5-1 presents a set of questions that assist Transport to determine whether the Proposed Change can be considered consistent with the Division 5.2 Approval.

Table 5-1: Division 5.2 Approval consistency questions

Consistency question	Discussion	Consistent
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?	As detailed in Section 2 and assessed in Section 4, the Proposed Change would not result in a significant change to the M7 Widening project. The impacts associated with the Proposed Change are minor in nature and would be managed in accordance with the CEMP and Sub-plans.	Yes
2 Would any conditions of approval need to be amended in light of the change?	The Proposed Change would not impact upon the conditions of approval such that a change would be required. A review of relevant M7 Widening CoA against the Proposed Change is provided in Appendix A.	Yes
3 Would the statement of commitments or environmental management measures need to change?	The Proposed Change would not require the statement of commitments or environmental management measures to be amended. A review of the REMMs against the Proposed Change is provided in Appendix A.	Yes

Consistency question	Discussion	Consistent
4 Would the Proposed Change be 'generally in accordance with' the documents incorporated in Standard Condition A1 (or A2)?	As described in Appendix A, the Proposed Change is considered generally in accordance with the EAD listed in M7 Widening Condition A1.	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 consistent with the impacts described in the M7 Widening EAD. Management measures detailed in the M7 Widening EAD would be implemented for the Proposed Change.	Yes
6 Considering the project as a whole, would the magnitude of the change be viewed as consistent with the project?	The magnitude of the Proposed Change is minor in comparison to the M7 Widening. The Proposed Change is consistent with the M7 Widening project objectives.	Yes

6. Conclusion

This memo 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 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.~~

☐ ~~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.

7. Other considerations

7.1 Permits, licenses and other approvals

The Environmental Protection License (EPL) for the M7-M12 Integration project covers the approved project. Prior to works subject to the Proposed Change commencing, premise maps within the EPL would be amended to display the changes to the construction footprint.

A ROL would be required for works within the road corridor.

Approval for the use of local roads by heavy vehicles Barcelona Drive must be obtained in accordance with CoA D83 and D84.

8. Certification

Author

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

Name	<div></div>		
Position	Environment Approvals and Sustainability Manager	Date	18/07/2024
Organisation	John Holland		

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	<div></div>
Signature	<div></div>
Position	Transport Senior Environment and Sustainability Officer (M12/M7)
Date	19/07/2024

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	<div></div>
Signature	<div></div>
Position	Senior Environment and Sustainability Manager
Date	19/07/2024

Name	<div></div>
Signature	<div></div>
Position	M12/M7 Project Director
Date	22/07/2024

Appendix A - Assessment of consistency with conditions of approval and revised environmental management measures

Table A 1: Consistency against relevant Minister's conditions of approval

No.	Conditions of Approval	Discussion	Consistent
1A.	<p>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:</p> <p>(a) Westlink M7 Widening Modification Report prepared by Transport for NSW and dated August 2022; and</p> <p>(b) Westlink M7 Widening Submissions Report prepared by Transport for NSW and dated November 2022.</p>	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.	<p>In the event of an inconsistency between:</p> <p>(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</p> <p>(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.</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	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.	<p>The Proponent must comply with all written requirements or directions of the Planning Secretary, including in relation to:</p> <p>(a) the environmental performance of Modification 6;</p> <p>(b) any document or correspondence in relation to the Modification 6;</p> <p>(c) any notification given to the Planning Secretary under the terms of this approval;</p> <p>(d) any audit of the construction or operation of Modification 6;</p> <p>(e) the terms of this approval and compliance with the terms of this approval (including anything required to be done under this approval);</p> <p>(f) the carrying out of any additional monitoring or mitigation measures; and</p> <p>(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.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
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.	Yes

No.	Conditions of Approval	Discussion	Consistent
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 not impact on compliance with this condition.	Yes
125.	<p>As part of the Construction Method Statements and Operational EMPs, detailed Soil and Water Quality Management Plan(s) shall be prepared in consultation with the EPA, DLWC, NSW Fisheries, relevant Catchment Management Trusts, Sydney Water, Sydney Catchment Authority and relevant Councils. The Plan(s) shall be prepared in accordance with the Department of Housing's guideline Managing Urban Stormwater - Soils and Construction 1998, the RTA's Guidelines for the Control of Erosion and Sedimentation in Roadworks and where appropriate, DLWC's Constructed Wetlands Manual. The Plan(s) shall be prepared prior to substantial construction or operation as appropriate. The Soil and Water Quality Management Plan(s) shall contain, but not be limited to:</p> <p>(a) management of the cumulative impacts of the development on the quality and quantity of surface and groundwater, including stormwater in storage, sedimentation dams and flooding impacts;</p> <p>(b) details of short and long term measures to be employed to minimise soil erosion and the discharge of sediment to land and/or waters including the exact locations and capacities of sedimentation basins;</p> <p>(c) identification of all potential sources of water pollution and a detailed description of the remedial action to be taken or</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>management systems to be implemented to minimise emissions of these pollutants from all sources within the subject site;</p> <p>(d) detailed description of water quality monitoring to be undertaken during the preconstruction, construction and operation stages of the Project including base line monitoring, identification of locations where monitoring would be carried out and procedures for analysing the degree of contamination of potentially contaminated water;</p> <p>(e) measures to handle and dispose of stormwater, effluent and contaminated water and soil including incident management structures;</p> <p>(f) a process for the disposal of water from sedimentation basins and constructed wetlands developed in consultation with the EPA;</p> <p>(g) measures for the use of water reclaimed or recycled on-site; and</p> <p>(h) contingency plans to be implemented in the event of fuel spills or turbid water discharge from the site.</p> <p>Note: The Operational Soil and Water Quality Management Sub Plan must be updated to include the outcomes of Condition 146A and 150.</p>		
146A	<p>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</p>	<p>The Proposed Change would not impact on compliance with this condition.</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
	Creek Catchment, over time where they are not being achieved as at the date of the approval of Modification 6.		
150	<p>All operational stormwater and wastewater systems of the Project including stormwater drainage, erosion, sedimentation and water pollution control systems and facilities of the Project shall be located, designed, constructed, operated and maintained to meet the requirements of the relevant authorities including the EPA, NSW Fisheries, DLWC, SWC and relevant Councils. All facilities including wetland filters, grass filter strips, gross pollutant traps and sedimentation basins shall be inspected regularly and maintained in a functional condition for the life of the Project.</p> <p>Operational stormwater and wastewater systems impacted by Modification 6 must meet the requirements of DPI Fisheries, DPE Water, Sydney Water and relevant Councils.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
221	The Project carriageways, not including the pedestrian/cycleway, shall be appropriately fenced at all times to prevent access by the general community. Particular attention shall be paid to areas of open space or community land use such as the Western Sydney Parklands (as identified in SEPP (Precincts – Western Parkland City) 2021), including the Western Sydney Regional Park and SIEC. Locked gates shall be provided at suitable locations to allow for emergency service access in consultation with the NSW Police Service, NSW Fire Brigade and State Emergency Services.	The Proposed Change would not impact on compliance with this condition.	Yes
Modification 6 Specific Conditions			
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
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	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>facility is in use, unless otherwise agreed with the owner and occupier of the adjacent sensitive land use(s)</p> <p>Boundary screening must aim to minimise visual impacts on adjacent sensitive land use(s).</p>		
A20	For the duration of Work until the completion of construction, or as agreed with the Planning Secretary, the approved ER must:	The Proposed Change would not impact on compliance with this condition.	Yes
	(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;		
	(d) 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:		
	<p>(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</p> <p>(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);</p>		

No.	Conditions of Approval	Discussion	Consistent
	<p>(d) Note: The written statement must be made via the Major Projects Portal.</p> <p>(e) regularly monitor the implementation of the documents listed in Conditions A2, A6, A9, C1, C4 and C9 to ensure implementation is being carried out in accordance with the document and the terms of this approval;</p> <p>(f) as may be requested by the Planning Secretary, help plan or attend audits of the development commissioned by the Department including scoping audits, programming audits, briefings and site visits, but not independent environmental audits required under Condition A27 of this approval;</p> <p>(g) as may be requested by the Planning Secretary, assist in the resolution of community complaints;</p> <p>(h) view the appropriateness of any activities reliant on the definition of Low Impact Work;</p> <p>(i) consider or assess the impacts of minor ancillary facilities as required by Condition A11;</p> <p>(j) consider any minor amendments to be made to the Construction Ancillary Facility Site Establishment Management Plan, CEMP, CEMP Sub-plans and monitoring programs without increasing impacts to nearby sensitive land uses or that comprise updating or are of an administrative nature, and are consistent with the terms of this approval and the CEMP, CEMP Sub-plans and monitoring programs approved by the Planning Secretary and, if satisfied such amendment is necessary, approve the amendment. This does not include any modifications to the terms of this approval; and</p>		

No.	Conditions of Approval	Discussion	Consistent
	(k) prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, an Environmental Representative Monthly Report providing the information set out in the Environmental Representative Protocol under the heading "Environmental Representative Monthly Reports." The Environmental Representative Monthly Report must be submitted within seven days following the end of each month for the duration of the ER's engagement for Modification 6, or as otherwise agreed by the Planning Secretary.		
A21	<p>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:</p> <p>(a) the complaints register (to be provided on a weekly basis where complaints have been received or as requested); and</p> <p>(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).</p>	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>This report is to be provided to the ER prior to commencement of the Proposed Change.</p>	Yes
A24	<p>The Proponent must cooperate with the AA by:</p> <p>(a) providing access to noise and vibration monitoring activities as they take place;</p> <p>(b) providing for review of noise and vibration plans, assessments, monitoring reports, data and analyses undertaken; and</p> <p>(c) considering any recommendations to improve practices and demonstrating, to the satisfaction of the AA, why any recommendation is not adopted.</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
A25	The approved AA must:	The Proposed Change would not impact on compliance with this condition.	Yes
	(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;		
	(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) 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:		

No.	Conditions of Approval	Discussion	Consistent
	<p>(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,</p> <p>(ii) in the event that conflict arises between the Proponent and the community in relation to the noise and vibration performance of Modification 6, 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,</p> <p>(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),</p> <p>(iv) review the noise impacts of minor construction ancillary facilities, and</p> <p>(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.</p>		
B1	A Communication Strategy must be prepared to provide mechanisms to facilitate communication about construction and operation of Modification 6 with:	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	(a) the community (including adjoining affected landowners and businesses, and others directly impacted by Modification 6); and		
	(b) the relevant councils and relevant agencies.		
B2	The Communication Strategy must:	The Proposed Change would not impact on compliance with this condition.	Yes
	(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;		
	(ii) through which the Proponent will respond to enquiries or feedback from the community;		

No.	Conditions of Approval	Discussion	Consistent
	(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.		
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 not impact on compliance with this condition.	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.	The Proposed Change would not impact on compliance with this condition.	Yes
	Note: In the situation where there are different entities constructing and operating Modification 6, continuity of 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:	The Proposed Change would not impact on compliance with this condition.	Yes
	(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		

No.	Conditions of Approval	Discussion	Consistent
	(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.		
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:	The Proposed Change would not impact on compliance with this condition.	Yes
	(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;		
	(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:	The Proposed Change would not impact on compliance with this condition.	Yes
	(a) the Complaints Register may be forwarded to government agencies, including the Department (Department of Planning and		

No.	Conditions of Approval	Discussion	Consistent
	<p>Environment, 4 Parramatta Square, 12 Darcy Street, Parramatta NSW 2150), to allow them to undertake their regulatory duties;</p> <p>(b) by providing personal information, the complainant authorises the Proponent to provide that information to government agencies;</p> <p>(c) the supply of personal information by the complainant is voluntary; and</p> <p>(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).</p> <p>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 complainant must be made aware of the Collection Statement.</p> <p>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.</p>		
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	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>commences and maintained on the website or dedicated pages including:</p>		
	(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 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.		
	<p>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.</p>		

No.	Conditions of Approval	Discussion	Consistent
	<p>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.</p> <p>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.</p>		
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
C2	<p>The CEMP must provide:</p> <p>(a) a description of activities to be undertaken during construction (including the scheduling of construction);</p> <p>(b) details of environmental and social policies, guidelines and principles to be followed in the construction of Modification 6;</p> <p>(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;</p> <p>(d) details of how the activities described in subsection (a) of this condition will be carried out to:</p> <p>(i) meet the performance outcomes stated in the documents listed in Condition 1A of Schedule 1, and as required by this approval; and</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	(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, 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		

No.	Conditions of Approval	Discussion	Consistent
	(I) 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
C4	<p>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.</p> <p>Table 2: CEMP Sub-plans</p> <p>(a) Traffic and Transport - Relevant council(s)</p> <p>(b) Noise and Vibration - WaterNSW and relevant council(s)</p> <p>(c) Flora and Fauna - DPI Fisheries and relevant council(s)</p> <p>(d) Soil and Water - DPE Water, WaterNSW and relevant council(s)</p>	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>CEMP Sensitive Area Plans would be updated as required to reflect the Proposed Change as part of the next periodic review.</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(e) Heritage - NSW Heritage and Water NSW</p> <p>Note: CEMP Sub-plan(s) may reflect the construction of the project through geographical activities, temporal activities or activity based staging.</p>		
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
C8	<p>The Soil and Water Management Plan (SWMP) must be prepared in accordance with the principles and requirements in Managing Urban Stormwater – Soils and Construction, Volume 1 (Landcom, 2004) and Volume 2D (DECC, 2008) and be prepared by a suitably qualified person either 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.</p> <p>The SWMP must include, but not be limited to:</p> <p>(a) the erosion and sediment control measures for areas of low contamination risk;</p> <p>(b) the erosion and sediment control measures for areas of moderate to high contamination risk;</p> <p>(c) adopted assessment criteria for proposed discharges, and how these would be measured;</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(d) a surface water monitoring program for areas of moderate to high contamination risk for contaminants of potential concern (CoPC), and</p> <p>(e) a dewatering management plan (DMP), that identifies and manages water contamination risks and identifies licensed waste facilities where contaminated groundwater will be disposed.</p> <p>Note: If a NSW EPA accredited Site Auditor is required under Condition D68, the contamination aspects of the SWMP may need to be updated following any potential advice from the Site Auditor regarding the appropriateness of management measures.</p>		
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 (including odours) during the construction of Modification 6.	The Proposed Change would not impact on compliance with this condition.	Yes
D2	The clearing of native vegetation must be minimised with the objective of reducing impacts to threatened ecological communities and threatened species habitat.	The Proposed Change would not clear any TEC or threatened species habitat.	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 Proposed Change would not require the clearing of any additional mapped plant community types.	Yes
D4	Prior to impacts on the biodiversity values set out in Table 4 and 5, the number and classes of ecosystem credits and species credits (like-for-like) must be retired.	The Proposed Change will not impact upon compliance with this condition. No additional clearing or biodiversity offsets are required for the Proposed Change.	Yes

No.	Conditions of Approval	Discussion	Consistent
	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.		
D5	The requirement to retire like-for-like ecosystem credits and species credits in Condition D4 may be satisfied by payment to the Biodiversity Conservation Fund of an amount equivalent to the number and classes of ecosystem credits and species credits.	The Proposed Change would not impact on compliance with this condition.	Yes
D6	Where evidence of compliance with the <i>Ancillary rules: Reasonable steps to seek like-for-like biodiversity credits for the purpose of applying the variation rules</i> 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	<p>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.</p> <p>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.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
D8	Evidence of the retirement of credits in satisfaction of Condition D4 or payment to the Biodiversity Conservation Fund in satisfaction of	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	Condition D5 must be provided to the Planning Secretary prior to impacts on the relevant biodiversity values.		
D10	<p>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:</p> <p>(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</p> <p>(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.</p>	The Proposed Change would not impact on compliance with this condition.	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.	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>All mature trees impacted by the Proposed Change within the sites will be added to the project's tree register.</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
D12	<p>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.</p> <p>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.</p>	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>Trees to be removed would be replaced in accordance with this condition.</p>	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
D14	<p>The design and landscape outcomes of Modification 6 must:</p> <p>(a) be informed by and be consistent with Appendix K of the Modification Report, including but not limited to the objectives and design principles, requirements, and opportunities;</p> <p>(b) be prepared in consultation with the community (including the affected landowners and businesses or a representative of the businesses), LALCs, the stakeholders identified in Appendix E of the Submissions Report (if interest is expressed in further consultation) and relevant council(s);</p>	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>The Proposed Change would not impact on compliance with this condition.</p>	<p>Yes</p> <p>Yes</p>

No.	Conditions of Approval	Discussion	Consistent
	(c) have consideration of Designing with Country and the principles and objectives of the draft Connecting with Country Framework; and	The Proposed Change would not impact on compliance with this condition.	Yes
	<p>(d) be informed by a design review process undertaken by a Design Review Panel (DRP) including TfNSW's Urban Design, Roads and Waterways Group and an independent member from the NSW State Design Review Panel Pool nominated by the NSW Government Architect (GANSW). The DRP's review and recommendations must focus on the following components:</p> <p>(i) the interchanges with the M4 and M12 (including artwork installations);</p> <p>(ii) the consistency of upgraded, modified and new noise barriers with the existing design; and</p> <p>(iii) maximising the aesthetic consistency of the proposed bridge upgrades with the existing bridge structures.</p> <p>Note: As part of the design review process, members of the M12 DRP can be involved to ensure consistency of design between the M12 and Modification 6 are achieved.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
D19	A Design and Landscape Plan (DLP) must be prepared to document and illustrate the permanent built works and landscape design of Modification 6 and how these works are to be maintained. The DLP must inform the final design of the modification and give effect to the outcomes and commitments documented in Condition 1A of Schedule 1. The Plan does not apply to work, which for technical, engineering, or ecological requirements, or other requirements as agreed by the Planning Secretary, do not allow for alternative design outcomes.	The Proposed Change would not impact on compliance with this condition.	Yes
D20	<p>The DLP must be:</p> <p>(a) prepared by a suitably qualified and experienced person(s) in urban and landscape design;</p> <p>(b) prepared in consultation with relevant councils and the community, including affected landowners and businesses</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(c) submitted to the Planning Secretary for information no later than one month before the construction of permanent built surface works and/or landscaping in the area to which the DLP applies; and</p> <p>(d) implemented during construction of Modification 6 and operation of the modified project.</p> <p>Note: The DLP may be developed and considered in stages to facilitate design progression and construction. Any such staging and associated approval would need to facilitate a cohesive final design and not limit final design outcomes</p>		
D21	<p>The DLP must document how the following matters have been considered in the design and landscaping of the project:</p> <p>(a) the requirements of Conditions D14 to D18;</p> <p>(b) demonstrated integration of Crime Prevention Through Environmental Design principles;</p> <p>(c) Designing with Country and the principles and objectives of the draft Connecting with Country Framework; and</p> <p>(d) advice and recommendations arising from the DRP required by Condition D14(d). In relation to any matter that is not consistent with the DRP's advice and recommendations resulting from Condition D14(d), evidence of how the design provides an equivalent or superior quality design or landscaping outcome must be provided.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
D22	<p>The DLP must include, but not limited to:</p> <p>(a) the design of the permanent built elements of Modification 6 including their form, materials and detail, with a focus on high quality bridge design, and integrated art;</p> <p>(b) the design of the project landform and landscaping elements (including visual screening);</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(c) details of strategies to rehabilitate, regenerate or revegetate disturbed areas with local native species;</p> <p>(d) details of how Aboriginal and non-Aboriginal heritage interpretation and public art are incorporated within the design of built features (such as noise barriers, signage, artwork and landscaping);</p> <p>(e) details of how impacted plant community types with significant Aboriginal cultural values at Maxwell's Creek would be replanted with indigenous plantings;</p> <p>(f) developed visualisations, cross sections and plans showing the proposed design outcome; and</p> <p>(g) management and routine maintenance standards and regimes for design elements and landscaping work (including adequate watering of plants following planting depending on forecast weather conditions and weed management) to ensure the success of the design and landscape outcomes, as detailed in the Vegetation Management Plan, required by Condition D24.</p>		
D23	Unless otherwise agreed with the Planning Secretary, construction of permanent built work or landscaping that are the subject of the DLP must not be commenced (in the area to which the DLP applies) until the DLP has been received by the Planning Secretary.	The Proposed Change would not impact on compliance with this condition.	Yes
D24	<p>A Vegetation Management Plan (VMP) must be prepared by a qualified ecologist to inform revegetation of creek-side vegetation (including all areas of River Flat Eucalyptus Forest identified for rehabilitation in the documents listed in Condition 1A of Schedule 1), and must be included as part of the DLP. The VMP must include:</p> <p>(a) the identification of proposed Plant Community Types (PCT) and the local provenance native species representative of the PCTs present, to be planted in the locations of disturbance, including those required by Condition D9;</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(b) site specific plans and rehabilitation measures for each area to be rehabilitated; and</p> <p>(c) specific measures to address weed management, erosion and sediment control/bank stabilization, rubbish removal and habitat supplementation.</p> <p>The VMP must be prepared in consultation with a qualified bushland regenerator.</p>		
D28	Measures identified in the documents listed in Condition 1A of Schedule 1 to minimise the impact of Modification 6 on flood behaviour, must be incorporated into the detailed design of Modification 6. The incorporation of these measures into the detailed design must be reviewed and endorsed by a suitably qualified flood consultant, who is independent of the project's design and construction, in consultation with directly affected landowners, DPE Water, DPI Fisheries, Environment and Heritage Group, NSW State Emergency Service (SES) and relevant Councils.	The Proposed Change would not impact on compliance with this condition.	Yes
D30	<p>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:</p> <p>(a) a maximum increase in inundation time of one hour;</p> <p>(b) a maximum increase of 10 mm in above-floor inundation to habitable rooms where floor levels are currently exceeded;</p> <p>(c) no above-floor inundation of habitable rooms which are currently not inundated;</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(d) a maximum increase of 50 mm in inundation of land zoned as residential, industrial or commercial;</p> <p>(e) a maximum increase of 100 mm in inundation of land zoned as rural, primary production, environment zone or public recreation;</p> <p>(f) no significant increase in the flood hazard or risk to life; and</p> <p>(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.</p> <p>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.</p> <p>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 experienced independent person to advise and assist in determining the impact and relevant mitigation measures.</p>		
D32	All reasonable steps must be taken so as not to harm, modify or otherwise impact Aboriginal objects.	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>No known Aboriginal sites would be impacted by the proposed works and it is not expected that potential subsurface objects would be present.</p> <p>As the known Aboriginal sites are not adjacent to the construction footprint, the passive avoidance management strategy outlined in the CCHMP would be sufficient.</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
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 not impact on compliance with this condition.	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).	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>The Unexpected Heritage Finds and Human Remains Procedure has been prepared under the Construction Cultural Heritage Management Plan and will be implemented during construction of the Proposed .</p>	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 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.	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>The Unexpected Heritage Finds and Human Remains Procedure has been prepared under the Construction Cultural Heritage Management Plan and will be implemented during construction of the Proposed Change</p>	Yes
D36	<p>The Unexpected Heritage Finds and Human Remains Procedure, as submitted to the Planning Secretary, must be implemented for the duration of Work.</p> <p>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.</p>	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>The Unexpected Heritage Finds and Human Remains Procedure has been prepared under the Construction Cultural Heritage Management Plan and will be implemented during construction of the Proposed Change</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
	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.		
D38	Work must be undertaken during the following hours:	The Proposed Change would not impact on compliance with this condition.	Yes
	(a) 7:00 am to 6:00 pm Mondays to Fridays, inclusive;		
	(b) 8:00 am to 6:00 pm Saturdays; and		
	(c) at no time on Sundays or public holidays.		
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:	The Proposed Change would not impact on compliance with this condition.	Yes
	(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.		
D40	Notwithstanding Conditions D38 and D39 work may be undertaken outside the hours specified in the following circumstances (a, b or c):	The Proposed Change would not impact on compliance with this condition.	Yes
	(a) Safety and Emergencies, including:		

No.	Conditions of Approval	Discussion	Consistent
	<p>(i) for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or</p> <p>(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.</p> <p>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 endeavors 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.</p> <p>(b) Work that meets any of the following criteria:</p> <p>(i) Work that causes LAeq(15 minute) noise levels:</p> <ul style="list-style-type: none"> • 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 <p>(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:</p> <ul style="list-style-type: none"> • 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). 	<p>Out of hours work required for the Proposed Change would obtain the necessary approvals.</p>	

No.	Conditions of Approval	Discussion	Consistent
	<p>(c) By Approval, including:</p> <p>(i) where different construction hours are permitted or required under an EPL in force in respect of Modification 6; or</p> <p>(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</p> <p>(iii) negotiated agreements with directly affected residents and sensitive land use(s).</p>		
D41	<p>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:</p> <p>(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:</p> <p>(i) the ER and AA review all proposed out-of-hours activities and confirm their risk levels,</p> <p>(ii) low risk activities can be approved by the ER in consultation with the AA, and</p> <p>(iii) high risk activities that are approved by the Planning Secretary;</p> <p>(b) a process for the consideration of out-of-hours work against the relevant NML and vibration criteria;</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(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 that sensitive land use(s) would be exposed to, including the number of noise awakening events;</p> <p>(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</p> <p>(e) notification arrangements for affected receivers for approved out-of-hours work and notification to the Planning Secretary of approved low risk out-of-hours works.</p> <p>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.</p> <p>Adherence to the Protocol does not apply if the requirements of Condition D40(a) or (b) are met.</p> <p>Notes: 1. Conditions D54 and D55 provide additional parameters to be considered.</p> <p>Notes: 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.</p>		
D42	Mitigation measures must be implemented with the aim of achieving the following construction noise and vibration outcomes:	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(a) construction 'Noise affected' NMLs established using the Interim Construction Noise Guideline (DECC, 2009);</p> <p>(b) vibration criteria established using the Assessing vibration: a technical guideline (DEC, 2006) (for human exposure);</p> <p>(c) Australian Standard AS 2187.2 - 2006 "Explosives - Storage and Use - Use of Explosives";</p> <p>(d) BS 7385 Part 2-1993 "Evaluation and measurement for vibration in buildings Part 2" as they are "applicable to Australian conditions"; and</p> <p>(e) the vibration limits set out in the German Standard DIN 4150-3: Structural Vibration- effects of vibration on structures (for structural damage).</p> <p>Work that exceeds the noise management levels and/or vibration criteria must be managed in accordance with the Noise and Vibration CEMP Sub-plan.</p> <p>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.</p>		
D43	Mitigation measures must be implemented prior to construction at residential receivers where a relative increase in road traffic noise of greater than 2 dB(A) are expected as a result of traffic detours (presented in Table 7-23 of the Modification Report as identified in Condition 1A(a) of Schedule 1).	The Proposed Change would not impact on compliance with this condition.	Yes
D44	Mitigation measures must be applied when the following residential ground-borne noise levels are exceeded:	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(a) evening (6:00 pm to 10:00 pm) — internal LAeq(15 minute): 40 dB(A); and</p> <p>(b) night (10:00 pm to 7:00 am) — internal LAeq(15 minute): 35 dB(A).</p> <p>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.</p>		
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.	The Proposed Change would not impact on compliance 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 not impact on compliance with this condition.	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 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.	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
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.	The Proposed Change would not impact on compliance with this condition.	Yes
D49	<p>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:</p> <p>(a) use of regularly serviced low sound power equipment;</p> <p>(b) early occupation and later release of road carriageways and construction sites;</p> <p>(c) scheduling of noisiest works before 11.00 pm Sunday to Thursday and before 12 midnight Friday and Saturday;</p> <p>(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.</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
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
D53	<p>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:</p> <p>(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</p> <p>(b) the provision of alternative respite or mitigation to impacted noise sensitive land use(s); and</p> <p>(c) the provision of documentary evidence to the AA in support of any decision made in relation to respite or mitigation.</p> <p>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.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
D54	<p>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.</p> <p>This consultation must include (but not be limited to) providing the community with:</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(a) a progressive schedule for periods no less than three (3) months, of likely out-of-hours work;</p> <p>(b) a description of the potential work, location and duration of the out-of-hours work;</p> <p>(c) the noise characteristics and likely noise levels of the work; and</p> <p>(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).</p> <p>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.</p> <p>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.</p>		
D55	<p>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:</p> <p>(a) two consecutive evenings and/or nights per week; or</p> <p>(b) three non-consecutive evenings and/or nights per week; or</p> <p>(c) 10 evenings and/or nights per month; or</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	(d) except as identified by an EPL; or		
	(e) in accordance with an agreement with a potentially impacted receiver(s) as required by Condition D40(c)(iii).		
D56	<p>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:</p> <p>(a) 10:00 pm and 7:00 am, Monday to Friday;</p> <p>(b) 10:00 pm Saturday to 8:00 am Sunday; and</p> <p>(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,</p> <p>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.</p> <p>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.</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
D57	The Proponent must identify the utilities and services (hereafter “services”) potentially affected by construction to determine requirements for diversion, 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.	The Proposed Change would not impact on compliance with this condition.	Yes
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 Pre-construction 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.	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 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.	Yes

No.	Conditions of Approval	Discussion	Consistent
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
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'.	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>Prior to works commencing at these sites, erosion and sediment controls would be installed and maintained, in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom 2004).</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
D66	A Sampling and Analysis Quality Plan (SAQP) must be prepared for medium and high risk sites as identified in the documents referred to in Condition 1A of Schedule 1 to ensure that field investigations and analyses will be undertaken in a way that enables the collection and reporting of reliable data to meet project objectives, including (where applicable) the relevant site characterisation requirements of the detailed or targeted site investigations. The SAQP must:	The Proposed Change would not impact on compliance with this condition.	Yes
	(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;		
	(b) be prepared in accordance with relevant guidelines made or approved by the EPA under section 105 of the Contaminated Land Management Act 1997.		
D67	Detailed Site Investigations to confirm moderate and high risk contaminated sites 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.	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>Prior to ground disturbance works, a detailed site investigation (DSI) report would be required summarising these results as the likelihood for risk of contamination associated with friable asbestos known to occur in the vicinity of proposed trenching is assessed as "moderate" in the Modification Report.</p>	Yes
	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.		

No.	Conditions 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.	The Proposed Change would not impact on compliance with this condition.	Yes
D69	<p>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:</p> <p>(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;</p> <p>(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</p> <p>(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 advice must be submitted to the Planning Secretary for information.</p> <p>Nothing in this condition prevents the Proponent from preparing individual Site Contamination Reports for separate sites.</p>	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>A DSI is to be undertaken to determine magnitude and extent of friable asbestos known to occur in the vicinity of proposed trenching.</p>	Yes
D70	If remediation is required to make land suitable for the intended land use, a Remedial Action Plan must:	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(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</p> <p>(b) be prepared in accordance with relevant guidelines made or approved by the EPA under section 105 of the Contaminated Land Management Act 1997;</p> <p>(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</p> <p>(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.</p> <p>Nothing in this condition prevents the preparation of individual Remedial Action Plans for separate sites.</p>		
D71	Before commencing remediation, a copy of the Remedial Action Plan and the Section B Site Audit Statement, or interim audit advice, must be submitted to the Planning Secretary for information.	The Proposed Change would not impact on compliance with this condition.	Yes
D72	The Remedial Action Plan must be implemented and changes to the Remedial Action Plan must be approved in writing by the NSW EPA accredited Site Auditor. A copy of the revised Remedial Action Plan must be provided to the Planning Secretary for information.	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	Nothing in this condition prevents the Proponent from engaging the Site Auditor to prepare Site Audit Statements for separate sites.		
D73	<p>A Section A1 or A2 Site Audit Statement (accompanied by an Environmental Management Plan) and its accompanying Site Audit Report, which state that the contaminated land disturbed by the work has been made suitable or can be made suitable for the intended land use, must be submitted to the Planning Secretary and Council after remediation and before the commencement of operation of Modification 6.</p> <p>Nothing in this condition prevents the Proponent from obtaining Section A Site Audit Statements for individual parcels of remediated land.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
D74	Contaminated land must not be used for the purpose approved under the terms of this approval until a Section A1 or A2 Site Audit Statement is obtained which states that the land is suitable for that purpose and any conditions on the Section A Site Audit Statement have been complied with.	The Proposed Change would not impact on compliance with this condition.	Yes
D75	<p>An Unexpected Finds Procedure for Contamination must be prepared before the commencement of Work. The procedure must:</p> <p>(a) be followed should unexpected contamination or asbestos (or suspected contamination) be excavated or otherwise discovered;</p> <p>(b) include details of who will be responsible for implementing the unexpected finds procedure and the roles and responsibilities of all parties involved; and</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(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.</p> <p>Note: Should any unexpected moderate to high risk contamination be identified during Work, the contamination process identified in the conditions above applies.</p>		
D76	The Unexpected Finds Procedure for Contamination must be implemented during Work.	The Unexpected Finds Procedure for Contamination would be implemented during work involved with the Proposed Change.	Yes
D78	The Sustainability Strategy must be implemented throughout construction of Modification 6 and operation of the modified project.	The Proposed Change would not impact on compliance with this condition.	Yes
D79	<p>A Water Reuse Strategy must be prepared, which sets out options for the reuse of collected stormwater during construction. The Water Reuse Strategy must include, but not be limited to:</p> <p>(a) evaluation of reuse options;</p> <p>(b) details of the preferred reuse option(s), including volumes of water to be reused, proposed reuse locations and/or activities, proposed treatment (if required), and any additional licences or approvals that may be required;</p> <p>(c) measures to avoid misuse of recycled water as potable water;</p> <p>(d) consideration of the public health risks from water recycling; and</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(e) a time frame for the implementation of the preferred reuse option(s).</p> <p>The Water Reuse Strategy must be prepared based on best practice and advice sought from relevant agencies, as required. The Strategy must be applied during construction of Modification 6.</p> <p>Justification must be provided to the Planning Secretary if it is concluded that no reuse options prevail.</p> <p>A copy of the Water Reuse Strategy must be made publicly available.</p> <p>Note: Contaminated groundwater must be disposed of in accordance with Condition D111.</p>		
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 on access to utilities or properties where an agreement with the relevant utility owner, landowner or occupier has not 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.	The Proposed Change would not impact on compliance with this condition.	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.	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>Approval for the use of Barcelona Drive would be sought from DPHI. The road would not be utilised prior to obligations under this condition are met.</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
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:	<p>The Proposed Change will not impact on compliance with this condition.</p> <p>Approval required for Barcelona Drive under condition D83 would be undertaken in accordance with the requirements of this condition prior to use of the road.</p>	Yes
	(a) demonstrate that the use of local roads will not compromise the safety of the public and have no more than minimal amenity impacts;		
	(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.	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>Dilapidation Reports would be undertaken and submitted to Liverpool City Council in accordance with the requirements of this condition prior to use of the road.</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
	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.	Any damage resulting from the use of Barcelona Drive by heavy vehicles associated with the Proposed Change would be restored following completion of works as required by this condition.	
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.	<p>The Proposed Change would not impact on compliance with this condition.</p> <p>Appropriate traffic control measures would be put in place where the construction activities cross the SUP to maintain pedestrian and cyclist safety.</p>	Yes
D89	<p>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.</p> <p>Adequate signage and directions to businesses must be provided prior to, and for the duration of, any disruption.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
D91	<p>Temporary active transport facilities and detours must be designed, constructed and/or rectified in accordance with:</p> <p>(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);</p>	Any temporary adjustments or rectification to active transport facilities due to the Proposed Change will be carried out in accordance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(b) the Guide to Road Design Part 6A: Paths for Walking and Cycling (Austroads 2017) where not otherwise covered by (a);</p> <p>(c) relevant Australian Standards (AS) such as AS 1428.1-2009 Design for access and mobility;</p> <p>(d) relevant Crime Prevention Through Environmental Design (CPTED) principles; and</p> <p>(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.</p> <p>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:</p> <p>(i) where the temporary active transport facilities are located; and</p> <p>(ii) which elements of the requirements of Condition D91 (a) - (e) cannot be met and why this is acceptable.</p> <p>Note: In the event of an inconsistency, the latest guidance document prevails to the extent of the inconsistency.</p>		
D92	<p>Any new permanent active transport facilities must be designed, constructed and/or rectified in accordance with:</p> <p>(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);</p>	<p>The Proposed Change will not impact on compliance with this condition.</p> <p>The Proposed Change does not involve any new permanent active transport facilities.</p>	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(b) the Guide to Road Design Part 6A: Paths for Walking and Cycling (Austroads 2017) where not otherwise covered by (a);</p> <p>(c) relevant Australian Standards (AS) such as AS 1428.1-2009 Design for access and mobility;</p> <p>(d) relevant Crime Prevention Through Environmental Design (CPTED) principles; and</p> <p>(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.</p> <p>Note: In the event of an inconsistency, the latest guidance document prevails to the extent of the inconsistency.</p>		
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 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.	The Proposed Change would not impact on compliance with this condition.	Yes
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 Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>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).</p> <p>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.</p>		
D99	<p>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 managed. The Utilities Management Strategy must include:</p> <p>(a) A description of all utility Work to be undertaken; and</p> <p>(b) Management measures to be implemented to manage dust, noise, traffic, access, lighting and other relevant impacts associated with utility Work.</p> <p>The Utilities Management Strategy must be submitted to the Planning Secretary for approval at least one month before the commencement of utility Work.</p>	Any utility work require for the Proposed Change would be conducted in accordance with this condition.	Yes
D101	<p>Waste generated during construction and operation must be dealt with in accordance with the following priorities:</p> <p>(a) waste generation must be avoided and where avoidance is not reasonably practicable, waste generation must be reduced;</p> <p>(b) where avoiding or reducing waste is not possible, waste must be re-used, recycled, or recovered; and</p>	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	(c) where re-using, recycling or recovering waste is not possible, waste must be treated or disposed of.		
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 would not impact on compliance with this condition.	Yes
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 would 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 would 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.	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	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 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 would 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 would 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 Proponent must obtain approval from the Secretary before implementing the alternative local erosion and sediment control measures.	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	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	<p>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:</p> <p>(a) risks identified in the detailed site investigation are mitigated; and</p> <p>(b) managed overflows could only occur as a result of large rainfall events.</p> <p>Note: Existing stormwater quality control systems and ponds cannot accept contaminated runoff.</p>	The Proposed Change would not impact on compliance with this condition.	Yes
D110	<p>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.</p> <p>Note: Approval from the Planning Secretary as required in this Condition may be sought through the approval of the Construction Soil and Water Management Sub Plan (as required by Condition C8).</p>	A DSI is to be undertaken in accordance with CoA D67 to determine contamination risk of known friable asbestos.	Yes
D112	All new or modified drainage systems associated with Modification 6 must be designed to:	The Proposed Change would not impact on compliance with this condition.	Yes

No.	Conditions of Approval	Discussion	Consistent
	<p>(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);</p> <p>(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</p> <p>(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.</p>		

Table A 2: Consistency against relevant Statement of Commitments / environmental management measures

No.	Mitigation Measure	Discussion	Consistent
T1	<p>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:</p> <ul style="list-style-type: none"> • 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. 	<p>The Proposed Change would not impact on compliance with this measure.</p> <p>The CTAMP would be amended to incorporate the Proposed Change, where required.</p>	Yes
T3	<p>Movements of haulage vehicles will be planned to minimise movements on the road network during the AM and PM peak periods where practicable.</p>	<p>The Proposed Change would not impact on compliance with this measure.</p>	Yes
T4	<p>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.</p>	<p>The Proposed Change would not impact on compliance with this measure.</p> <p>There would be no permanent changes to the SUP. Appropriate traffic control measures would be put in place where the construction activities cross the SUP to maintain pedestrian and cyclist safety.</p>	Yes

No.	Mitigation Measure	Discussion	Consistent
NV 1	<p>A Construction Noise and Vibration Management Plan (CNVMP) will be prepared and include the following standard and specific actions and mitigation measures:</p> <ul style="list-style-type: none"> • 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. <p>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.</p> <p>Consultation should be undertaken with the relevant contractors to manage cumulative impacts on sensitive receivers within common areas.</p> <p>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.</p>	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
NV 2	<p>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.</p> <p>The information provided to the residents should include:</p> <ul style="list-style-type: none"> • 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. <p>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.</p> <p>Consultation will also be undertaken with all schools likely to be affected.</p> <p>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).</p>	<p>The Proposed Change would not impact on compliance with this measure.</p> <p>Nearby residents would be consulted as required by this measure.</p>	Yes
NV3	<p>Induction and training will be provided to relevant staff and sub-contractors outlining their responsibilities with regards to noise and vibration.</p>	<p>The Proposed Change would not impact on compliance with this measure.</p>	Yes
NV 4	<p>Details of all out of hours work required will form part of the CNVMP.</p> <p>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.</p> <p>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.</p> <p>Deliveries will be carried out during standard construction hours where feasible and reasonable.</p>	<p>The Proposed Change would not impact on compliance with this measure.</p>	Yes

No.	Mitigation Measure	Discussion	Consistent
NV 5	<p>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.</p>	<p>The Proposed Change would not impact on compliance with this measure.</p>	<p>Yes</p>
NV 7	<ul style="list-style-type: none"> • 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. 	<p>The Proposed Change would not impact on compliance with this measure.</p>	<p>Yes</p>

No.	Mitigation Measure	Discussion	Consistent
NV 9	<p>The selection of plant and equipment can have a significant impact on construction noise levels.</p> <p>Appropriate plant will be selected for each task to minimise the noise contributions.</p> <p>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.</p> <p>Equipment will be regularly inspected and maintained to ensure it is in good working order.</p> <p>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.</p>	The Proposed Change would not impact on compliance with this measure.	Yes
NV 11	<p>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.</p> <p>Additional mitigation measures include:</p> <ul style="list-style-type: none"> • 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 • Respite Period One where there is out of hours construction noise • Respite Period Two where there is high 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. 	The Proposed Change would not impact on compliance with this measure.	Yes
NV 12	<p>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.</p> <p>The use of less vibration intensive methods of construction or equipment will</p>	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
	<p>be considered where feasible and reasonable when working in proximity to existing structures.</p> <p>Equipment will be maintained and operated in an efficient manner, in accordance with manufacturer's specifications, to reduce the potential for adverse vibration impacts.</p>		
NV 13	<p>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:</p> <ul style="list-style-type: none"> • 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 message service (SMS) etc) when vibration levels are approaching the cosmetic damage objective. 	The Proposed Change would not impact on compliance with this measure.	Yes
NV 16	<p>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:</p> <ul style="list-style-type: none"> • Traffic diversions limited in duration as noted above • Notification (letterbox drop or equivalent) • Specific notifications • Individual briefings and/or community consultations 	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 1	<p>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.</p>	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
AQ 2	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.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 3	Use of diesel- or petrol-powered generators will be avoided where practicable and mains electricity or battery powered equipment will be used where practicable.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 4	All vehicles and plant will be switched off engines when stationary and not be allowed to idle.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 5	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.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 6	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.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 7	A maximum speed limit of 15 km/h on unsurfaced roads and construction work areas will be imposed and signposted.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 8	Adequate water supply will be provided on the site for effective dust/ particulate matter suppression/ mitigation, using non-potable water where possible and appropriate.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 9	Earthworks and exposed areas/ soil stockpiles will be re-vegetated or stabilised as soon as practicable	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 10	Water-assisted dust sweeper(s) will be used on access and local roads, to remove, as necessary, any material tracked out of the site.	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
AQ 11	Vehicles entering and leaving sites will be covered to prevent escape of materials during transport.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 12	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.	The Proposed Change would not impact on compliance with this measure.	Yes
AQ 13	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).	The Proposed Change would not impact on compliance with this measure.	Yes
FL 1	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 not impact on compliance with this measure. Works would be carried out in accordance with the Flood Management Plan.	Yes
FL 2	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.	The Proposed Change would not impact on compliance with this measure.	Yes
FL 3	Detailed construction planning is required to consider flood risk at construction sites and construction support sites. This will include: <ul style="list-style-type: none"> • A review of site layout and construction activity staging to avoid or minimise obstruction of overland flow paths and limit the extent of flow diversion required • Identification of measures to not worsen flood impacts on the community and on other property and infrastructure during construction up to and including the 1% AEP flood event, where reasonable and feasible • Measures to mitigate alterations to local runoff conditions due to construction activities. 	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
FL 4	Spoil stockpiles are to be located in areas not subject to frequent inundation by floodwater, and outside the 10% AEP flood extent. The exact level of flood risk accepted at stockpile sites will depend on the duration of stockpiling operations, the type of material stored, the nature of the receiving drainage lines and also the extent to which it would impact flooding conditions in adjacent development.	The Proposed Change would not impact on compliance with this measure.	Yes
FL 6	Flood emergency management measures during construction are to be prepared and incorporated into relevant environmental and/or safety management documentation in consultation with NSW State Emergency Services (SES) and relevant local Councils.	The Proposed Change would not impact on compliance with this measure.	Yes
FL 9	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.	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
SW 1	<p>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.</p> <p>The SWMP will include:</p> <ul style="list-style-type: none"> • 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 • 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. <p>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.</p>	<p>The Proposed Change would not impact on compliance with this measure.</p>	<p>Yes</p>

No.	Mitigation Measure	Discussion	Consistent
SW 2	<p>A dewatering management plan will be prepared and included in the SWMP that sets out the procedures for the discharge of surface water runoff that is retained in sediment controls and exposed excavations. The dewatering management plan will be prepared in accordance with the Technical Guideline – Environmental Management of Construction Site Dewatering (Transport, 2011) and will include consideration of the following:</p> <ul style="list-style-type: none"> • Identification of water quality criteria for the discharge of on-site water and the treatment techniques required to meet these criteria • Methods for achieving the WQOs for any site discharge through best practice erosion and sediment control measures and/or treatment of water through flocculation prior to discharge from sediment retention sumps • Reuse of stormwater where feasible within the scope of construction activities • Selection of suitable locations for the discharge of captured runoff utilising existing drainage paths where it cannot be reused on site • Procedures for the rectification of sediment controls or site practices should the water quality parameters experience exceedances. 	The Proposed Change would not impact on compliance with this measure.	Yes
SW 3	<p>A soil conservation specialist will be engaged for the duration of construction of the proposed modification to provide advice on the planning and implementation of erosion and sediment control measures, including review of Erosion and Sediment Control Plans ESCPs.</p>	The Proposed Change would not impact on compliance with this measure.	Yes
SW 4	<p>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:</p> <ul style="list-style-type: none"> • 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. 	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
SW 5	Updated water quality assessment will be undertaken during detailed design to inform site specific discharge criteria to meet the objective of maintaining or improving existing water quality in the receiving watercourses during operation.	The Proposed Change would not impact on compliance with this measure.	Yes
SW 6	A water reuse strategy will be developed for the construction of the proposed modification to reduce reliance on potable water. This strategy will be prepared during the detailed design stage and will outline the construction water requirements and potential water sources to supply the water demand in consultation with Sydney Water. Alternative water supply options to potable water will also be investigated, with the aim of reusing water using recycled water where feasible. This includes sourcing non-potable water from construction sediment sumps where it is feasible to reuse.	The Proposed Change would not impact on compliance with this measure.	Yes
SW 7	<p>The following measures will be undertaken to manage activities within watercourses, especially works to widen of bridges:</p> <ul style="list-style-type: none"> • Disturbance of banks and extent of vegetation removal will be minimised • Implementing bank stabilisation, channel reshaping and scour protection where required to mitigate the impact of additional bridge piers on scour and stability of the bed and banks of watercourses • Maintenance of minimum surface water flows to assist in maintaining the viability of aquatic communities and preventing barriers to fish passage • Construction of temporary creek crossings during low flows and design so that drainage of these crossings does not contribute sediment load to the stream • Taking into consideration the former NSW Department of Industry's Guidelines for controlled activities on waterfront land (2018) in the design and construction of works within watercourses 	<p>The Proposed Change would not impact on compliance with this measure.</p> <p>The Proposed Change does not involve any works within watercourses.</p>	Yes

No.	Mitigation Measure	Discussion	Consistent
SW 9	<p>A construction water quality monitoring program will be developed and included in the SWMP for the proposed modification to establish baseline conditions, observe any changes in surface water and groundwater during construction, and inform appropriate management responses.</p> <p>Baseline monitoring will be undertaken monthly for a minimum of 12 months prior to the commencement of construction, inclusive of the monitoring that is presented in Section 5.6 of Appendix G (Surface water and flooding assessment). As a minimum, this will include three wet weather sampling events over six months where feasible.</p> <p>Sampling locations and monitoring methodology to be undertaken during construction will be further developed in detailed design in accordance with the Guidelines for Construction Water Quality Monitoring (RTA, 2003) and the ANZECC Water Quality Guidelines (ANZECC/ ARMCANZ, 2000).</p> <p>This will include the monitoring of surface water quality at or near moderate to high contamination risk areas for relevant contaminants during work in those locations (when/if these areas are confirmed during detailed design).</p> <p>The monitoring will include collection of samples for analysis from sedimentation control discharge points, visual monitoring of other points of release of construction waters and monitoring of downstream waterways. The frequency of monitoring will be confirmed during detailed design and will be a minimum of once every month at all sites, as well as additional monitoring following wet weather events.</p> <p>Should the results of monitoring identify that the water quality management measures are not effective in adequately mitigating water quality impacts, additional mitigation measures will be identified and implemented as required.</p>	The Proposed Change would not impact on compliance with this measure.	Yes
SW 10	<p>Further water quality assessment will be undertaken during detailed design to determine whether additional site-specific discharge criteria are required to meet the objective of maintaining existing water quality in the receiving watercourses.</p>	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
B1	<p>A Biodiversity Management Plan will be developed to include, but not be limited to, the following:</p> <ul style="list-style-type: none"> • 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 Management Plan (CEMP), in accordance with Guide 2: Exclusion zones of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011) • Methods of vegetation removal • Protocols for tree clearing including pre-clearing surveys and mitigation measures for any fauna encountered • Erosion and sediment controls including dust suppression and minimisation of dust generation • Rehabilitation methods including management of native and riparian vegetation, weeds, fauna habitat • Weed prevention measures and management of priority weeds within the study area in accordance with Guide 6: Weed management of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011) • Regular scheduled litter and waste removal from the study area • Implementation of an unexpected species find procedure, particularly in regard to bridge widenings and microbats • Habitat will be replaced or re-instated in accordance with Guide 5: Re-use of woody debris and bushrock and Guide 8: Nest boxes of the Biodiversity Guidelines: Protecting and managing biodiversity on RTA projects (RTA, 2011) • Rehabilitation strategy for waterways after the removal of temporary waterway crossing and diversions, including erosion and sediment control, management of flow, stockpile management, stabilisation of bed and banks and revegetation • Any large woody debris to be retained within the retained portions of the study area to provide refuge habitat for invertebrates and reptiles (Guide 5: Re-use of woody debris and bushrock) 	The Proposed Change would not impact on compliance with this measure.	Yes
B2	An ecologist to inspect the study area, including drainage and creek lines and relocate any amphibians prior to and during vegetation clearing	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
B4	Bridge works, as a potential habitat for microbat species, are to be undertaken in accordance with Appendix F of Microbat Management Guidelines (Transport for NSW, 2021a)	The Proposed Change would not impact on compliance with this measure.	Yes
B5	If sediment/ erosion booms are used, they are placed so they do not obstruct fish passage, where possible	The Proposed Change would not impact on compliance with this measure.	Yes
B6	Design of temporary waterway crossings and diversions are consistent with Managing Urban Stormwater: Soils and construction – Volume 1 and 2D (DPIE, 2004) and Policy and Guidelines for Fish Habitat Conservation and Management (DPI, 2013) and Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings (Fairfull, 2003)	The Proposed Change would not impact on compliance with this measure.	Yes
B7	Relocation of native fish by a trained aquatic ecologist if they become stranded as a result of waterway diversions, temporary crossings, or dewatering activities.	The Proposed Change would not impact on compliance with this measure.	Yes
B8	<p>A detailed water monitoring program will be implemented during construction, where site observations are recorded by a suitably qualified person, and will include:</p> <ul style="list-style-type: none"> • Routine inspections of temporary waterway crossings, waterway diversions and dewatering activities • Rapid geomorphic survey, including aquatic macrophyte mapping, bank erosion, channel stability and sediment deposition • Stormwater discharges into the receiving watercourses, including an estimate of flows, visual appearance, and water quality (handheld meter) testing on an opportunistic basis • Visual and olfactory observation of pollution (e.g., oil sheens, coarse debris, odours) • Opportunistic observations of aquatic fauna (e.g. stranded fish). 	The Proposed Change would not impact on compliance with this measure.	Yes
B9	Landscaping to focus on utilising naturally occurring endemic tree and shrub species, in accordance with the updated Landscape Plan for the Westlink M7	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
B10	Monitoring and maintenance of all established erosion and sedimentation controls	The Proposed Change would not impact on compliance with this measure.	Yes
AH1	Aboriginal Site Impact Recording (ASIR) forms will be submitted to the AHIMS Registrar for all Aboriginal sites known to have been destroyed or partially destroyed as a result of the approved project (as indicated in the final approved Indigenous Heritage Archaeology Management Sub Plan (IHMSPP)).	The Proposed Change would not impact on compliance with this measure.	Yes
AH3	An Aboriginal Cultural Heritage Management Plan (ACHMP) shall be prepared prior to construction of the proposed modification and included in the Construction Environmental Management Plan (CEMP). An Unexpected Aboriginal Heritage Finds Procedure (UAHFP) will be included in the ACHMP to cover the unanticipated discovery of any actual or potential Aboriginal heritage items. The procedure will cover all Aboriginal objects (as defined by the National Parks and Wildlife Act 1974), including human skeletal remains.	<p>The Proposed Change would not impact on compliance with this measure.</p> <p>A UAHFP has been developed in the CHMP and will be implemented during construction.</p>	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 unexpected finds) and provide an overview of the diagnostic features of potential Aboriginal site types/ objects.	The Proposed Change would not impact on compliance with this measure.	Yes
AH5	<p>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.</p> <p>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</p>	<p>The Proposed Change would not impact on compliance with this measure.</p> <p>Two AHIMS sites are located in proximity of the works (within 50 metres) however are not directly adjacent to the Proposed Change. The sites will be passively protected via construction boundary flagging and demarcated site extents in accordance with the CEMP and Section 6.4 of the CHMP.</p> <p>All relevant staff and contractors will be made aware of the nature and locations of the two AHIMS sites as part of standard site inductions.</p>	Yes

No.	Mitigation Measure	Discussion	Consistent
	of the nature and locations of these sites as part of standard site inductions. All sites will be identified on relevant site plans		
H1	A Construction Heritage Management Plan, to be included in the CEMP, shall be prepared prior to construction of the proposed modification. The CEMP should include the location of the known heritage items that are within the study area, including the Upper Canal System, details relating to vibration management measures for works in the vicinity of the Upper Canal, and a stop works procedure for unexpected finds.	The Proposed Change would not impact on compliance with this measure.	Yes
LUP1	A survey of all areas to be leased during construction will be completed to document the pre-leased condition.	The Proposed Change would not impact on compliance with this measure.	Yes
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.	The Proposed Change would not impact on compliance with this measure.	Yes
LUP3	Terms and conditions of private land use for construction access will be determined in consultation and agreement with relevant landowners.	The Proposed Change would not impact on compliance with this 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.	The Proposed Change would not impact on compliance with this measure.	Yes
LUP5	The final construction methodology will consider measures required to protect utilities or avoid impacts on these services during construction.	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
LV 1	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	The Proposed Change would not impact on compliance with this measure.	Yes
LV 2	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.	The Proposed Change would not impact on compliance with this measure.	Yes
LV 3	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.	The Proposed Change would not impact on compliance with this measure.	Yes
LV 4	Keep construction areas clean and tidy and place refuse in appropriate receptacles.	The Proposed Change would not impact on compliance with this measure.	Yes
LV 6	<p>While the replacement of trees within the Westlink M7 operational footprint may not be possible due to maintenance requirements, it is recommended to reinstate the visual markers of the creek corridors within the Westlink M7, by:</p> <ul style="list-style-type: none"> • Planting of riparian tree species (such as Melaleuca and Casuarina) on the batters within the central median as they fall towards the lower area at either end of bridges • Planting of areas under bridges within riparian corridors with indigenous species within the Cumberland Plain Riverflat Forest community, including tall shrubs, grasses and groundcovers. Investigate opportunities for additional tree plantings. 	The Proposed Change would not impact on compliance with this 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.	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
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.	The Proposed Change would not impact on compliance with this 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	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
C1	<p>A Soil and Water Management Plan (SWMP) will be implemented during construction and incorporate the following measures:</p> <ul style="list-style-type: none"> • Worker health and safety measures, waste management (including stockpiling) and tracking for contamination • Register of known or suspected areas of contamination (from site investigations) and areas requiring remediation • An unexpected finds procedure to manage previously unidentified chemical or asbestos contamination • Asbestos Management Plan for areas where ACM and/or friable asbestos is likely to be encountered, with the plan including worker health and safety measures • Testing procedures to determine the actual presence of acid sulfate soils prior to ground disturbance activities • Testing procedures to determine the presence of saline soils prior to ground disturbance activities. • Process for testing, treating and discharging water from site to meet applicable water quality limits. • Site-specific Erosion and Sediment Control Plan which will identify detailed measures and controls, that are consistent with the practices and principles in the current guidelines, to be applied to minimise erosion and sediment control risks. These include, but not necessarily limited to: runoff, diversion and drainage points; use of sediment basins and sumps; scour protection; stabilising disturbed areas as soon as possible, check dams, fencing and swales; and staged implementation arrangements • Appropriate management criteria and responses to identify and manage water pollution risks associated with potentially contaminated stormwater • Measures to avoid the discharge of contaminated runoff. The assessment criteria for discharges from contaminated areas would be based on applicable WQOs (refer Table 7.4 of the SWFIA in Appendix G). 	The Proposed Change would not impact on compliance with this measure.	Yes
C5	<p>Prior to ground disturbance in areas of potential inland acid sulfate soil occurrence, testing will be carried out to determine the actual presence of acid sulfate soils. This measure is especially applicable to areas on waterbodies where disturbance of sediments and surrounding soil is to occur. If acid sulfate soils are encountered, they will be managed in accordance with the Acid Sulfate Soil Manual (Acid Sulfate Soil Management Advisory Committee, 1998) and Guidelines for the Management of Acid Sulfate Materials: Acid Sulfate</p>	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
	Soils, Acid Sulfate Rock and Monosulfidic Black Ooze (NSW Roads and Traffic Authority 2005b).		
C6	Prior to ground disturbance in high probability salinity areas, testing will be carried out to determine the presence of saline soils. If salinity is encountered, excavated soils will not be reused, and will be managed in accordance with Book 4 Dryland Salinity: Productive Use of Saline Land and Water NSW DECC, 2008c). Erosion controls will be implemented in accordance with the Managing Urban Stormwater: Soils and Construction Volume 1 (DPIE, 2004).	The Proposed Change would not impact on compliance with this measure.	Yes
SE 1	A Community and Stakeholder Engagement Plan will be implemented for the proposed modification. The plan will describe where information of the proposed modification is available, and contain a complaints management procedure, contact details for the person responsible for managing and resolving complaints, and non-English options.	The Proposed Change would not impact on compliance with this measure.	Yes
CC1	Transport will clearly communicate to construction contractor/s that there is expected to be an increased likelihood of extreme rainfall and wind events occurring during construction. The ordering of materials for, and breadth and scope of implementation of mitigation measures proposed as part of this Modification Report will take this into account. The delivery schedule will allow contingency for potential delays associated with extreme rainfall.	The Proposed Change would not impact on compliance with this measure.	Yes
CC6	During detailed design, options for implementing redundancy (e.g. batteries) into the Intelligent Transport Systems (ITS) will be considered.	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
CC7	Implement use of energy efficient LED lighting and low power mode options for other electrical equipment to reduce to reduce energy demand.	The Proposed Change would not impact on compliance with this measure.	Yes
GG1	GHG emissions will be reduced through the use of GreenPower and/or other renewable energy sources as part of the proposed modification electricity procurement. The proposed modification is targeting 100% renewable energy-sourced electricity for operations, and minimum 20% for construction	The Proposed Change would not impact on compliance with this measure.	Yes
GG2	Solar construction lighting and variable message signs will be utilised during construction	The Proposed Change would not impact on compliance with this measure.	Yes
GG4	Construction plant and equipment will be well maintained to allow for optimal fuel efficiency	The Proposed Change would not impact on compliance with this measure.	Yes
GG5	Raw materials will be managed to reduce energy requirements for their processing. For example, stockpiled materials will be covered or provided undercover storage where possible to reduce moisture content of materials, and therefore the process and handling requirements	The Proposed Change would not impact on compliance with this measure.	Yes
GG7	E10 bioethanol and B5 biodiesel will be utilised where feasible	The Proposed Change would not impact on compliance with this measure.	Yes
W1	<p>A construction waste and resource management plan (CWRMP) will be prepared prior to construction and outline appropriate management procedures to be implemented during construction. It shall include, but not be limited to:</p> <ul style="list-style-type: none"> • A procurement strategy to minimise unnecessary consumption of materials and waste generation • Identification of the waste types and volumes that are likely to be generated • Adherence to the waste management hierarchy principles of avoid/ reduce/ re-use/ recycle/ dispose • Classification of waste in accordance with the Waste Classification Guidelines (NSW EPA, 2014) • Waste management procedures to manage the segregation, handling, storage and disposal of waste, including unsuitable material or unexpected waste volumes, identification of re-use options for surplus materials, and 	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
	<p>identification of licensed waste disposal facilities to be used</p> <ul style="list-style-type: none"> • Identification of reporting requirements and procedures for waste tracking required 		
W2	Wherever feasible and reasonable, construction materials will be sourced locally from within the Sydney region	The Proposed Change would not impact on compliance with this measure.	Yes
W3	<p>A spoil management plan shall be prepared as part of, and in line with the CWRMP. The spoil management plan shall outline appropriate management procedures for the generation, management and importation of spoil. It shall include, but not be limited to:</p> <ul style="list-style-type: none"> • Procedures for testing and classification of spoil • Identification of spoil re-use options • Spoil stockpile management procedures • Licensed spoil disposal and re-use locations • Imported spoil sources and estimated volumes. 	The Proposed Change would not impact on compliance with this measure.	Yes
W5	Remaining vegetation that is not re-used onsite will be discussed with relevant council(s), Western Sydney Parklands Trust and Landcare groups and other relevant government agencies to determine if hollows, tree trunks, mulch, bush rock and root balls salvaged from native vegetation could be used by others in habitat enhancement, beneficial re-use and rehabilitation work, before pursuing other disposal options.	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
HR1	<p>A Work Health Safety Management Plan (WHSMP) will be prepared for the proposed modification.</p> <p>The WHSMP will include:</p> <ul style="list-style-type: none"> • Details of the hazards and risks associated with construction activities • Risk management measures • Procedures to comply with legislative and industry standard requirements • Use of appropriate personal protective equipment • Contingency plans, as required • An incident response management plan • Training for all personnel (including subcontractors) including site inductions, the recognition and awareness of site hazards and the locations of relevant equipment to protect themselves and manage any spills. All staff will have the relevant training and certificates. 	The Proposed Change would not impact on compliance with this measure.	Yes
HR2	<p>Measures to mitigate and manage bushfire risk will be developed and included as part of site-specific hazard and risk management measures within the WHSMP. Measures will include the maintenance of ancillary facilities in a tidy and orderly manner and the storage and management of dangerous goods and hazardous materials in accordance with applicable legislation, policy, and Australian Standards.</p>	The Proposed Change would not impact on compliance with this measure.	Yes
HR3	<p>A Bushfire Emergency Management and Evacuation Plan will be developed for the construction phase. The plan will outline stop work procedures and evacuation routes. The bushfire evacuation procedure within each plan will be completed in accordance with NSW RFS Guide to Developing a Bushfire Emergency Management and Evacuation Plan (2014)</p>	The Proposed Change would not impact on compliance with this measure.	Yes
HR4	<p>Relevant works will be managed under a Hot Work and Fire Risk Work procedure. Where necessary essential hot works may be completed on a day declared to be a Total Fire Ban (TOBAN) providing it complies with the Hot Work and Fire Risk Work procedure exemption from the NSW RFS.</p>	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
HR6	An Incident Response Management Plan will be developed and implemented during construction. The response to incidents within the road will be managed in accordance with the memorandum of understanding between Roads and Maritime and the NSW Police Service, NSW Rural Fire Service, NSW Fire Brigade and other emergency services.	The Proposed Change would not impact on compliance with this measure.	Yes
HR7	Consultation with relevant utility providers will be undertaken to confirm the presence of utilities and refine potential utility adjustments and utility protection measures (with a view to avoiding impacts if possible and protecting or adjusting if required) during detailed design. The final construction methodology will consider any special measures required to avoid impacts on these services during construction, where possible.	The Proposed Change would not impact on compliance with this measure.	Yes
HR8	Storage, handling and use of dangerous goods and hazardous substances will be in accordance with the Work Health and Safety Act 2011 and the Storage and Handling of Dangerous Goods Code of Practice (WorkCover NSW, 2005).	The Proposed Change would not impact on compliance with this measure.	Yes
HR9	Storage areas for oils, fuels and other hazardous liquids will be located outside of identified floodprone areas identified in Section 6.2.1 of Appendix G (Surface water and flooding assessment). Secure, bunded areas will be provided around storage areas.	The Proposed Change would not impact on compliance with this measure.	Yes
HR10	A register and inventory of dangerous goods and hazardous substances will be kept at each storage location. This register will be maintained as part of an incident response management plan developed for the proposed modification. The register will include Safety Data Sheets which will be obtained for dangerous goods and hazardous substances prior to their delivery onsite and stored in an accessible place.	The Proposed Change would not impact on compliance with this measure.	Yes
HR11	All hazardous substances will be transported in accordance with relevant legislation and codes, including the Dangerous Goods (Road and Rail Transport) Regulation 2014 and the 'Australian Code for the Transport of Dangerous Goods by Road and Rail' (National Transport Commission, 2020).	The Proposed Change would not impact on compliance with this measure.	Yes

No.	Mitigation Measure	Discussion	Consistent
Cu1	<p>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 nightworks are avoided or minimised as much as reasonably practical, in order to prevent construction fatigue for local sensitive receptors.</p> <p>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).</p>	The Proposed Change would not impact on compliance with this measure.	Yes
Cu2	<p>Clear communication will be undertaken with the community when required, which is coordinated with other projects so that similar projects retain consistent messaging and complaint mechanisms.</p>	The Proposed Change would not impact on compliance with this measure.	Yes

Appendix B – Biodiversity Assessment

1 July 2024

To	
From	
Subject	M7 Widening Consistency Assessment Ecological Memo, Southern Tolling Gantry near Kurrajong Road

1. Introduction

Leneco was engaged by the John Holland Group (JHG), on behalf of Transport for NSW (TfNSW), to conduct an ecological assessment of two additional construction sites located outside the approved construction footprint for the M7 Widening Project (SSI 663 Mod 6) (the approved project). The additional construction sites are required for a Tolling Gantry and associated infrastructure, and drainage works on the M7 north and south bound carriageway.

This memo has been prepared to identify potential ecological constraints associated with the sites.

2. Assessment and Survey Method

Two sites for the tolling gantry were assessed as mapped in **Attachment 3** and **Attachment 4**, these sites are at the following locations:

- Southbound: next to the M7 motorway (eastern side) north of Kurrajong Road.
- Northbound: in between the M7 shared User Path and the M7 motorway (western side) north of Kurrajong Road.

The northbound gantry site was inspected on the 29th of April 2024 by Paris Bach and Ryan Kassouf and the southbound gantry site was inspected on the 9th of May 2024 by Peter Monsted (BAM accredited assessor) and Paris Bach. During the inspection, the vegetation composition was assessed to determine if it was contiguous with, and aligned with, the vegetation classes (PCT type and condition class) assigned to vegetation within the approved construction boundary in the BDAR (Niche, 2022), or to a new vegetation class is relevant. The inspection also involved searching for threatened species and their habitats.

This assessment was completed with reference to the Biodiversity Development Assessment Report (BDAR) (Niche, 2022), which was prepared for the approved project and included in the modification report.

3. Results

The results of the site assessment for each site is provided in **Attachment 1**.

The southbound gantry consisted of native trees and shrubs that were planted and naturally regenerated following the construction of the M7 Motorway. The ground cover contained exotic grasses and weeds. Bridal Creeper (*Asparagus asparagoides*) and Fireweed (*Senecio madagascariensis*) were identified within the southbound site, these are listed as a Weed of National Significance (WONS).

The northbound gantry had shrubs consisting of specifically Prickly Leaved Paperbark (*Melaleuca styphelioides*) and exotic shrubs. The ground cover contained exotic grasses and weeds. Bridal Creeper (*Asparagus asparagoides*) was identified within the northbound site, this is listed as a Weed of National Significance (WONS).

The weed management protocol in the weed management plan in the CFFMP is required to be followed for all WONS species and areas with WONS present.

The vegetation present within both gantry sites do not conform to any NSW Plant Community Types (PCTs) or any PCTs identified and described within the BDAR.

No threatened species were recorded at either of the sites nor was any habitat for threatened species present.

All mature trees within the sites will be added to the project's tree register in accordance with Approval Condition D11.

4. Conclusion

The proposed toll gantry sites were confirmed as having the following attributes:

- No clearing of Plant Community Type (PCT) vegetation.
- WONS identified within the Northbound site.
- No habitat for threatened species or threatened species themselves.

If you have any questions regarding this project or require additional information, please do not hesitate to contact me on mobile 0487871599 or email: paris.bach@leneco.au

Your Sincerely



Paris Bach B. Env Sc.

Ecologist/Botanist, M7 M12 Integration Project

References

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

Attachments

Attachment 1 – Site Assessment

Attachment 2 – Site Photos

Attachment 3 – Leneco Maps


Attachment 4 – JHG Maps

Attachment 1 – Site Assessment


Site ID	Southbound Gantry
Location	Next to the M7 motorway (eastern side) north of Kurrajong Road.
Proposed Activities	Vegetation clearing and construction for the Tolling Gantry.
Vegetation composition	The area consists of re-vegetated and planted stands of trees, shrubs and ground cover. The upper stratum is predominantly planted eucalypts. The middle stratum is mostly native revegetated and planted species. The ground stratum is dominated by exotic grasses and weeds.
Native Species List	<p>Trees: Spotted Gum (<i>Corymbia maculata</i>), Narrow-leaved Ironbark (<i>Eucalyptus crebra</i>), Sydney Blue Gum (<i>Eucalyptus saligna</i>)</p> <p>Shrubs: Black Wattle (<i>Acacia decurrens</i>), Sickle Wattle (<i>Acacia falcata</i>), Parramatta Wattle (<i>Acacia parramattensis</i>), Southern Silky Oak (<i>Grevillea robusta</i>), White Feather Honey Myrtle (<i>Melaleuca decora</i>), Chinaberry (<i>Melia azedarach</i>)</p> <p>Ground cover: Kidney Weed (<i>Dichondra repens</i>)</p>
Weed Species List	Moth Vine (<i>Araujia sericifera</i>), Bridal Creeper (<i>Asparagus asparagoides</i>) (WONS), Cobblers Pegs (<i>Bidens pilosa</i>), Kikuyu Grass (<i>Cenchrus clandestinus</i>), Rhodes Grass (<i>Chloris gayana</i>), Couch Grass (<i>Cynodon dactylon</i>), African Lovegrass (<i>Eragrostis curvula</i>), Narrow-leaved Cotton Bush (<i>Gomphocarpus fruiticosus</i>), Red-flowered Mallow (<i>Modiola caroliniana</i>), Dallis Grass (<i>Paspalum dilatatum</i>), Ribwort Plantain (<i>Plantago lanceolata</i>), South African Pidgeon Grass (<i>Setaria sphacelata</i>), Fireweed (<i>Senecio madagascariensis</i>) (WONS), Arrowleaf Sida (<i>Sida rhombifolia</i>), Black Nighshade (<i>Solanum nigrum</i>), Sticky Nighshade (<i>Solanum sisymbriifolium</i>), Common Verbena (<i>Verbena officinalis</i>).
Contiguous with vegetation class mapped in the BDAR	No.
Equivalent to vegetation class mapped in the BDAR	N/A Non-PCT vegetation
Justification for vegetation class	The vegetation within this site consists of planted and some re-vegetated native vegetation with a weedy exotic ground stratum. There is no remnant vegetation within the site.

Photo



Site ID	Northbound Gantry
Location	In between the M7 shared User Path and the M7 Motorway (western side) north of Kurrajong Road.
Proposed Activities	Vegetation clearing and construction for the Tolling Gantry.
Vegetation composition	The area consists of planted Prickly Leaved Paperbark (<i>Melaleuca styphelioides</i>) and exotic shrubs in the middle stratum. The ground cover consists of exotic grasses and weeds. This area is highly disturbed from previous construction activities by the M7 Motorway.
Native Species List	Prickly Leaved Paperbark (<i>Melaleuca styphelioides</i>)
Weed Species List	Evergreen Tropical Ash (<i>Fraxinus griffithii</i>), Bridal Creeper (<i>Asparagus asparagoides</i>) (WONS), Rhodes Grass (<i>Chloris gayana</i>), Fleabane (<i>Conyza bonariensis</i>), African Lovegrass (<i>Eragrostis curvula</i>), Scotch Thistle (<i>Onopordum acanthium</i>), Turkey Rhubarb (<i>Rumex sagittatus</i>), Purpletop (<i>Verbena bonariensis</i>)
Contiguous with vegetation class mapped in the BDAR	No.
Equivalent to vegetation class mapped in the BDAR	N/A Non-PCT vegetation
Justification for vegetation class	The vegetation within this site consists of a small number of planted Prickly Leaved Paperbark (<i>Melaleuca styphelioides</i>) and weedy exotic middle stratum and ground cover. There is no remnant vegetation within the site.
Photo	

Attachment 2 – Site Photos

<p><u>Photo 1</u> – Northbound gantry site, angle 1.</p>	
<p><u>Photo 2</u> – Northbound gantry site, angle 2.</p>	



<p><u>Photo 3</u> – Southbound gantry site, angle 1. Near first toll booth.</p>	
<p><u>Photo 4</u> – Southbound gantry site, angle 2.</p>	

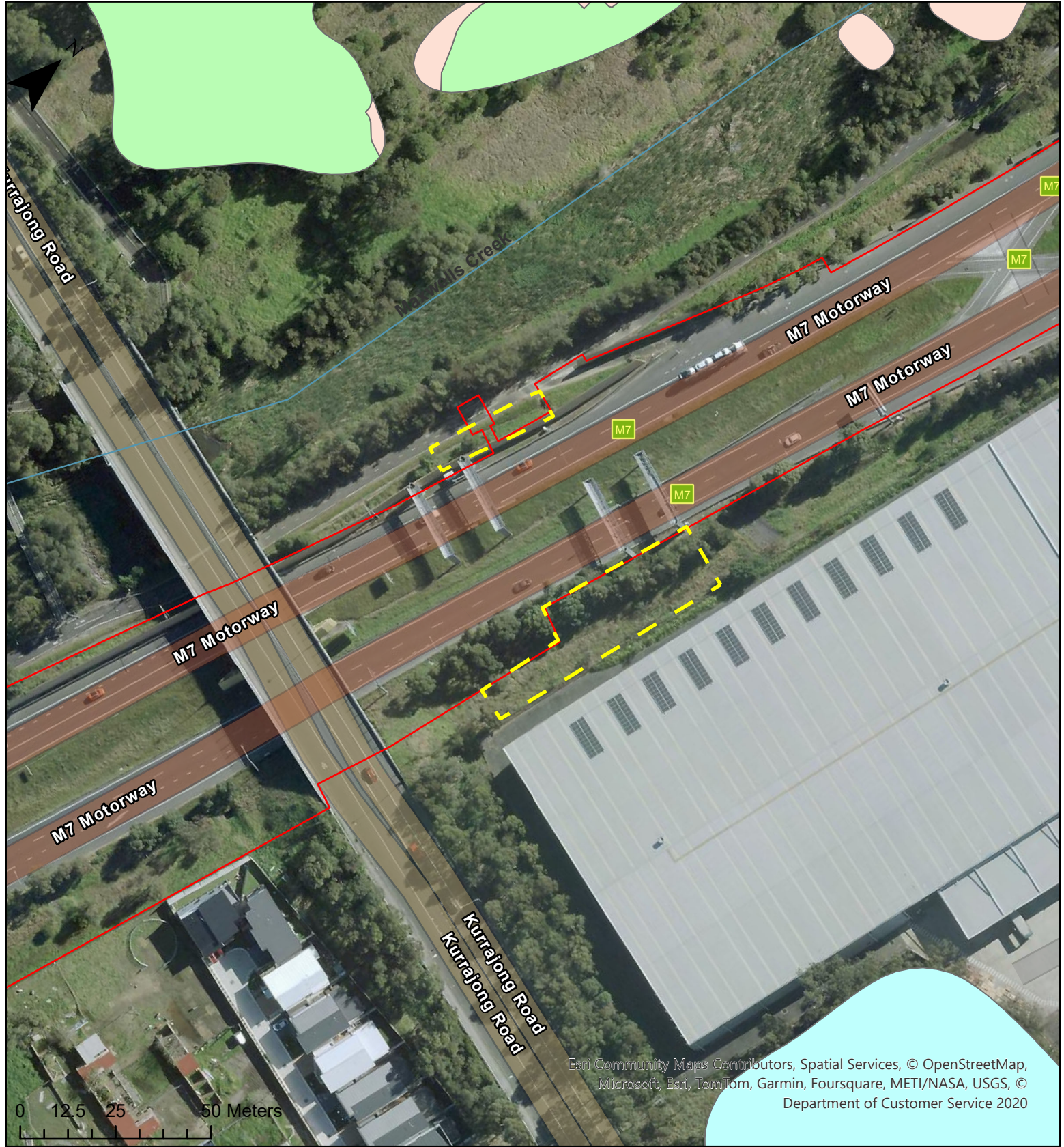
Photo 5 –
Southbound gantry
site, angle 3.



Photo 6 –
Southbound gantry
site, angle 4.



Attachment 3 – Leneco Maps



M7 Widening- Tolling Gantry South CA Site Map

- Approved M7 Construction Footprint (May 2024)
- Tolling Gantry Subject Site

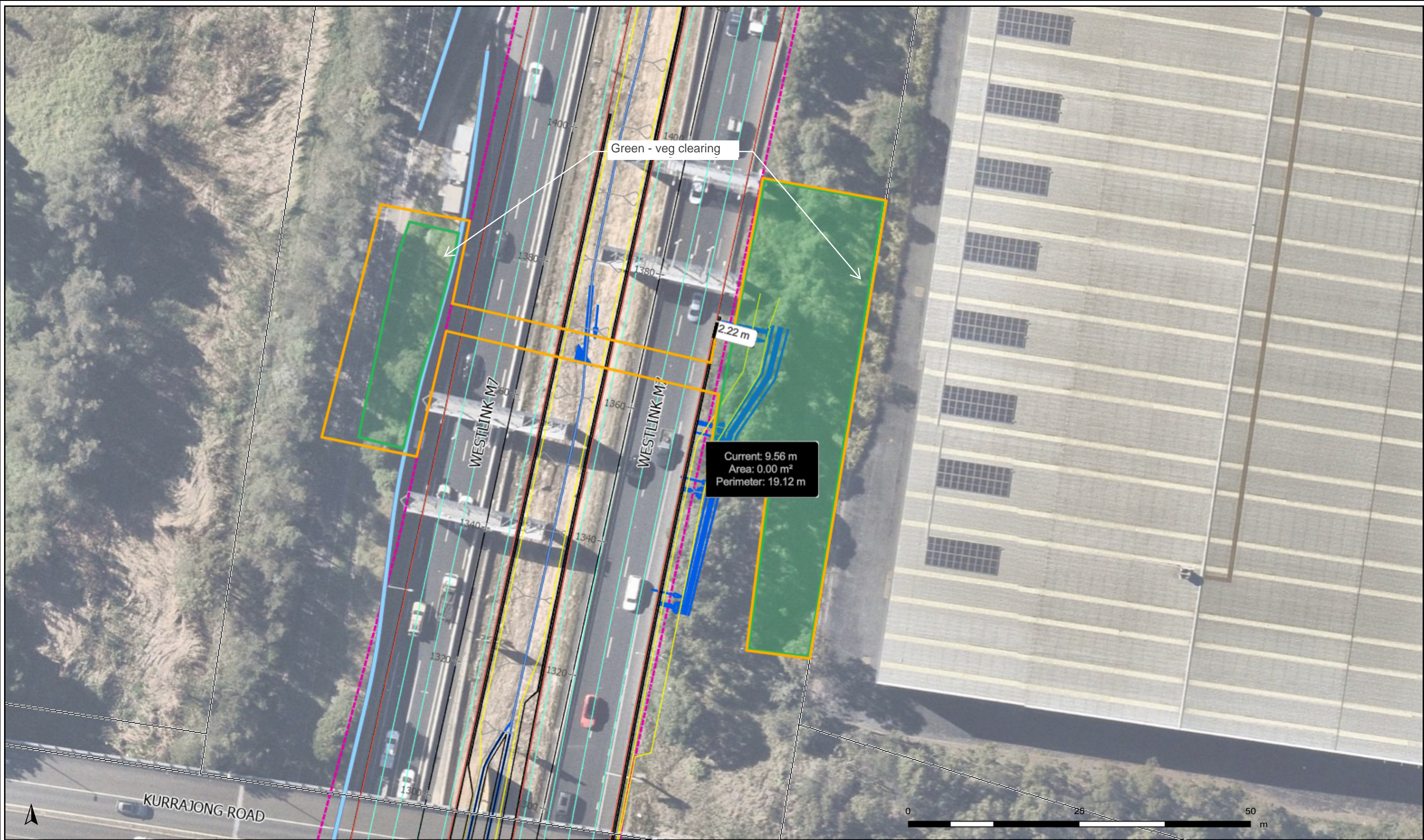
State Vegetation Type Map- PCT's (Dec 2023)

- 3320
- 3448
- 4025

- ### Waterways
- stream

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Attachment 4 – JHG Maps



Map Title

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Appendix C – Construction Noise and Vibration Impact Statement

02 July 2024

2024-07-02_TN188-04 ITS Gantry Installation N Kurrajong Road - ID TN188_985.docx

John Holland

Rachel Gray

rachel.gray@jhgc.com.au

From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **ITS Gantry Installation N Kurrajong Road** (Gatewave ID TN188_985)

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 L_w 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		
Tolling shelter								
40T Franna Crane	1	-	1	1	100	106	-	-
Excavator w bucket (5t)	1	-	1	1	103	108	-	-
Concrete truck	1	-	1	1	108	111	-	-
Excavator w bucket (5t)	1	-	1	1	103	108	-	-
Delivery truck	1	-	1	1	106	111	-	-
Tipper	1	-	1	1	103	111	-	-
Truck and Dog	1	-	1	1	106	111	-	-
Delivery truck	1	-	1	1	106	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Compactor / Wacker packer	1	-	1	1	108	110	-	-
Roller (2t) - low vibration mode	1	-	1	1	111	110	Yes	-
Trenching works								
Light vehicles	1	-	1	1	89	100	-	-
Tipper	1	-	1	1	103	111	-	-
Excavator w bucket (13t)	1	-	1	1	103	108	-	-
Hand tools	1	-	1	1	107	111	-	-
Light vehicles	1	-	-	-	89	100	-	-
Tipper	1	-	-	-	103	111	-	-
Excavator - 7t rubber wheeled	1	-	-	-	98	103	-	-
Hand tools	1	-	-	-	107	111	-	-
Excavator w bucket (13t)	1	-	1	1	103	108	-	-
Delivery truck	1	-	1	1	106	111	-	-
Truck and Dog	1	-	1	1	106	111	-	-
Tipper	1	-	1	1	103	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Compactor / Wacker packer	1	-	1	1	108	110	-	-
Roller (2t) - low vibration mode	1	-	1	1	111	110	Yes	-
Piling and Gantry Installation								
40T Franna Crane	-	-	1	1	100	106	-	-
Mobile crane (20t-250t)	-	-	1	1	104	108	-	-
Hand tools	-	-	1	1	107	111	-	-
Concrete pump	-	-	1	1	103	107	-	-

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		
Concrete truck	-	-	1	1	108	111	-	-
Piling Rig - bored	-	-	1	1	107	116	-	-
Tipper	-	-	1	1	103	111	-	-
Light vehicles	-	-	1	1	89	100	-	-
Clearing								
Light vehicles	-	-	1	1	89	100	-	-
Tipper	-	-	1	1	103	111	-	-
Excavator - 7t rubber wheeled	-	-	1	1	98	103	-	-
Hand tools	-	-	1	1	107	111	-	-
40T Franna Crane	1	-	1	1	100	106	-	-
Light vehicles	1	-	1	1	89	100	-	-
Concrete pump	1	-	1	1	103	107	-	-
Concrete Agi	1	-	1	1	108	111	-	-
Tipper	1	-	1	1	103	111	-	-
Excavator w bucket (25t)	1	-	1	1	103	108	-	-
Spray seal truck	1	-	-	-	106	111	-	-
Skid steer / Bobcat (10T)	1	-	-	-	104	109	-	-
Tipper	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_NCA01	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	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	0	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
M7_NCA06	0 to 10	0	0 to 5		0 to 5	5	0 to 5	5
	> 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	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
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
Childcare	Over 75 dB(A)	0	15 to 25		15 to 25	0	15 to 25	0
			> 25		> 25	0	> 25	0
	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
	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
Recreational - Passive	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
Roller (2t) - low vibration mode		5	5	15	5
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 Specific reasonable and feasible mitigation measures

JHG will adopt the following noise mitigation measures to minimise the impact of noise to sensitive receivers proximal to the works, these include:

- Avoid shouting, slamming doors, dropping materials from height.
- Non-tonal squawkers only.
- All vehicles to switch off engines when not in use.
- Community notification.
- Only approved equipment will be used to complete the planned works.
- Only approved works as to be undertaken.

4.3.2 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15\text{minute})}$ 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 OOHV 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 OOHV 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.

4.3.3 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_NCA01	21, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	46
M7_NCA01	8, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	46
M7_NCA01	23, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45	-	45	45	45
M7_NCA05	40, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46	-	46	46	49
M7_NCA05	38, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44	-	44	44	47
M7_NCA05	37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42	-	42	42	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_NCA06	8 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	66
M7_NCA06	6 B, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	63
M7_NCA06	6 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	63
Educational	163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	56	-	56	56	56
Educational	163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	55	-	55	55	55
Childcare	14, SKIPTON LANE, PRESTONS NSW 2170	Childcare	50	50	50	50	None	None	51	-	51	51	59

4.3.4 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: Tolling shelter

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Tolling Shelter								
40T Franna Crane	-	1	100%	0	100	106	2024-04-22 07:00:00	2024-04-22 19:00:00
							2024-04-22 19:00:00	2024-04-23 07:00:00
Concrete slab for tolling centre								
Excavator w bucket (5t)	-	1	100%	0	103	108	2024-04-30 07:00:00	2024-04-30 19:00:00
							2024-04-30 19:00:00	2024-05-01 07:00:00
Concrete truck	-	1	100%	0	108	111	2024-04-30 07:00:00	2024-04-30 19:00:00
							2024-04-30 19:00:00	2024-05-01 07:00:00
New ITS server from existing SUP into tolling shelter								
Excavator w bucket (5t)	-	1	100%	0	103	108	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Delivery truck	-	1	100%	0	106	111	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Tipper	-	1	100%	0	103	111	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Truck and Dog	-	1	100%	0	106	111	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Delivery truck	-	1	100%	0	106	111	2024-04-24 07:15:00	2024-04-24 19:15:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Light vehicles	-	1	100%	0	89	100	2024-04-24 19:15:00	2024-04-25 07:15:00
							2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Compactor / Wacker packer	-	1	100%	0	108	110	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Roller (2t) - low vibration mode	5	1	100%	0	111	110	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00

Table 7: Plant and equipment schedule for work area: Trenching works

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Trenching works								
Light vehicles	-	1	100%	0	89	100	2024-04-18 07:00:00	2024-04-19 06:00:00
Tipper	-	1	100%	0	103	111	2024-04-18 07:00:00	2024-04-19 06:00:00
Excavator w bucket (13t)	-	1	100%	0	103	108	2024-04-18 07:00:00	2024-04-19 06:00:00
Hand tools	-	1	100%	0	107	111	2024-04-18 07:00:00	2024-04-19 06:00:00
Clearing								
Light vehicles	-	1	100%	0	89	100	2024-04-23 07:00:00	2024-04-23 18:00:00
Tipper	-	1	100%	0	103	111	2024-04-23 07:00:00	2024-04-23 18:00:00
Excavator - 7t rubber wheeled	-	1	100%	0	98	103	2024-04-23 07:00:00	2024-04-23 18:00:00
Hand tools	-	1	100%	0	107	111	2024-04-23 07:00:00	2024-04-23 18:00:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Drainage works								
Excavator w bucket (13t)	-	1	100%	0	103	108	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Delivery truck	-	1	100%	0	106	111	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Truck and Dog	-	1	100%	0	106	111	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Tipper	-	1	100%	0	103	111	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Compactor / Wacker packer	-	1	100%	0	108	110	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Roller (2t) - low vibration mode	5	1	100%	0	111	110	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00

Table 8: Plant and equipment schedule for work area: Piling and Gantry Installation

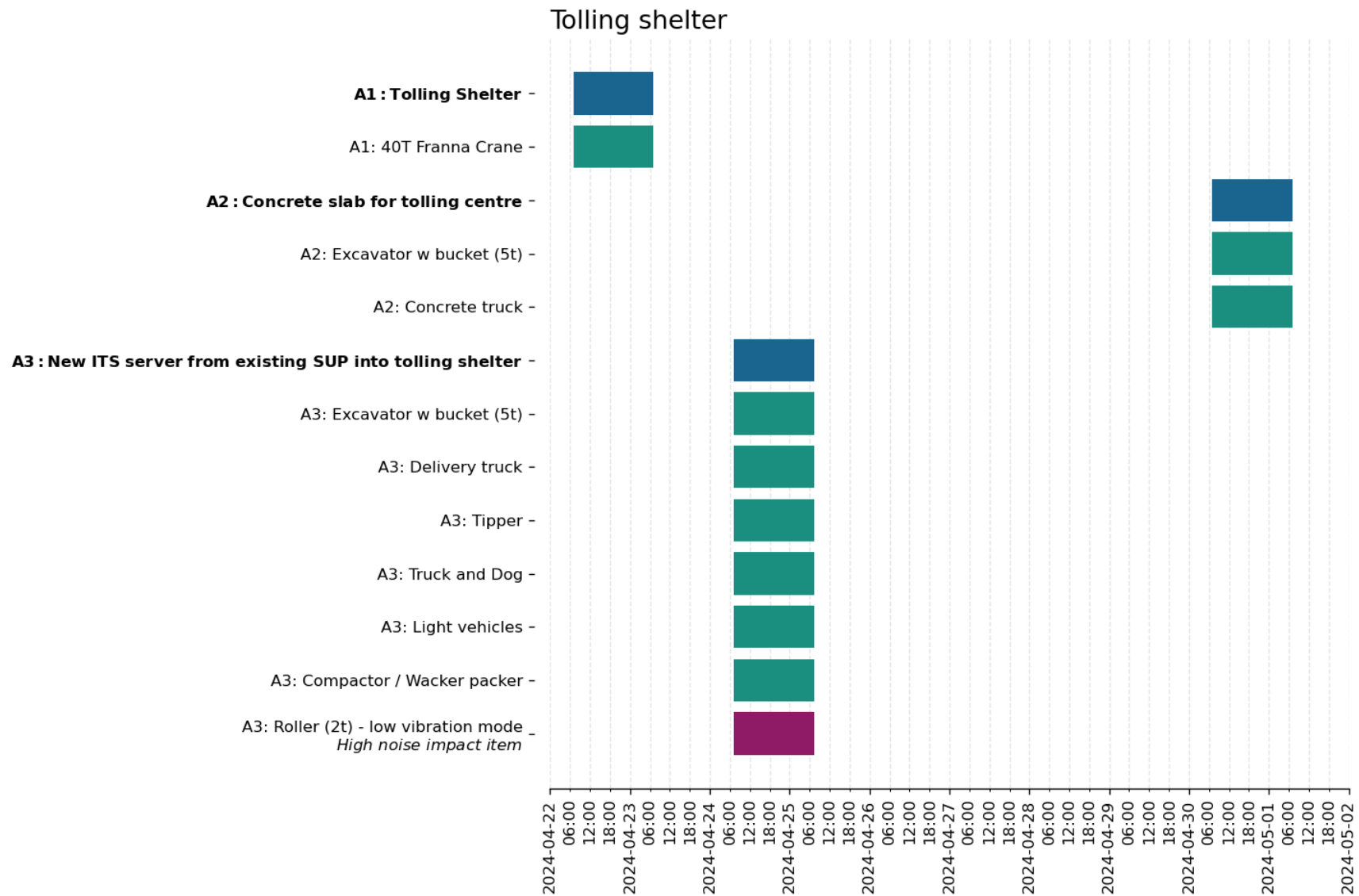
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Piling and Gantry Installation								
40T Franna Crane	-	1	100%	0	100	106	2024-05-01 19:00:00	2024-05-02 07:00:00
Mobile crane (20t-250t)	-	1	100%	0	104	108	2024-05-01 19:00:00	2024-05-02 07:00:00

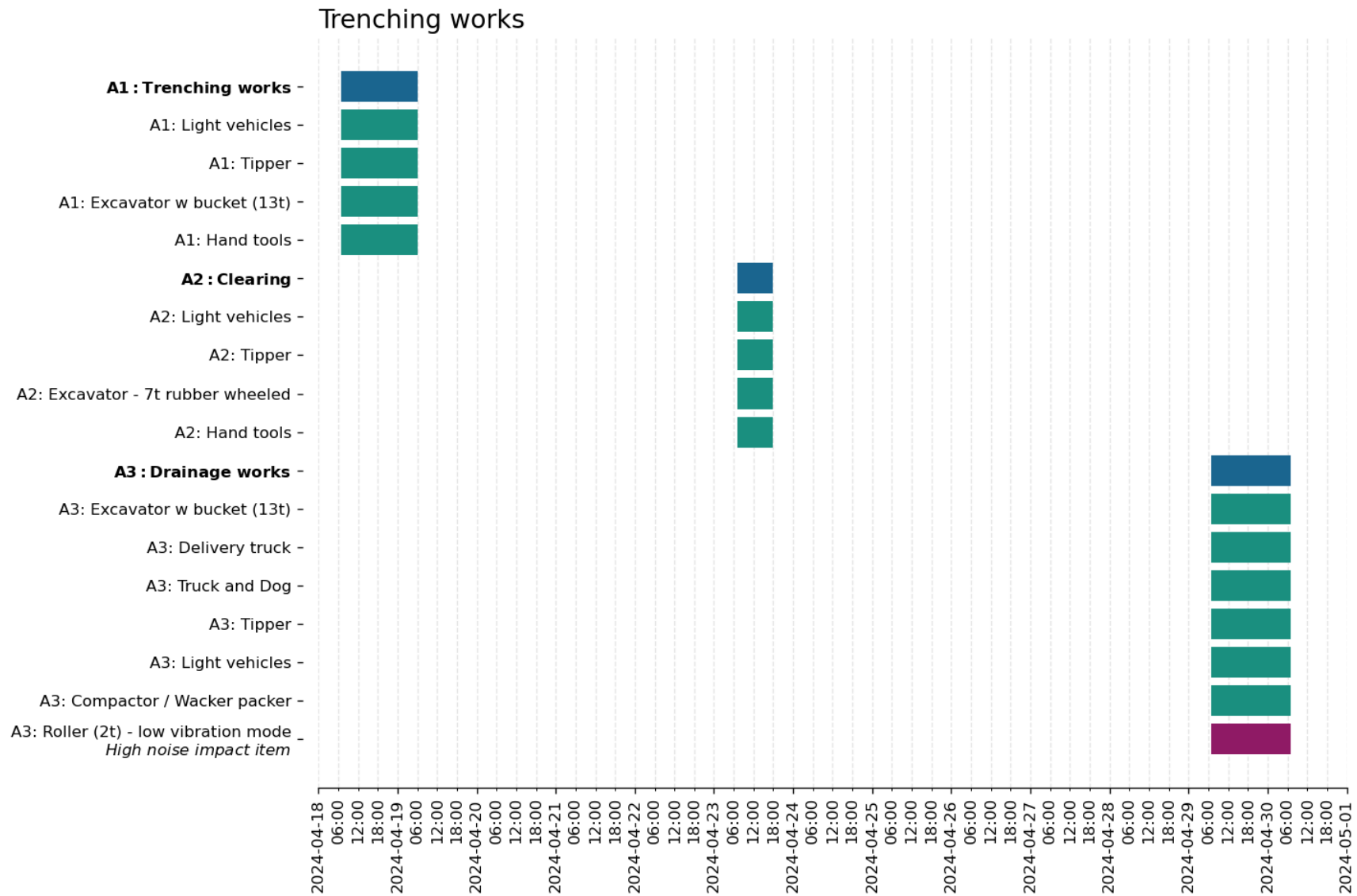
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Hand tools	-	1	100%	0	107	111	2024-05-01 19:00:00	2024-05-02 07:00:00
Concrete pump	-	1	100%	0	103	107	2024-05-01 19:00:00	2024-05-02 07:00:00
Concrete truck	-	1	100%	0	108	111	2024-05-01 19:00:00	2024-05-02 07:00:00
Piling Rig - bored	-	1	100%	0	107	116	2024-05-01 19:00:00	2024-05-02 07:00:00
Tipper	-	1	100%	0	103	111	2024-05-01 19:00:00	2024-05-02 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-05-01 19:00:00	2024-05-02 07:00:00

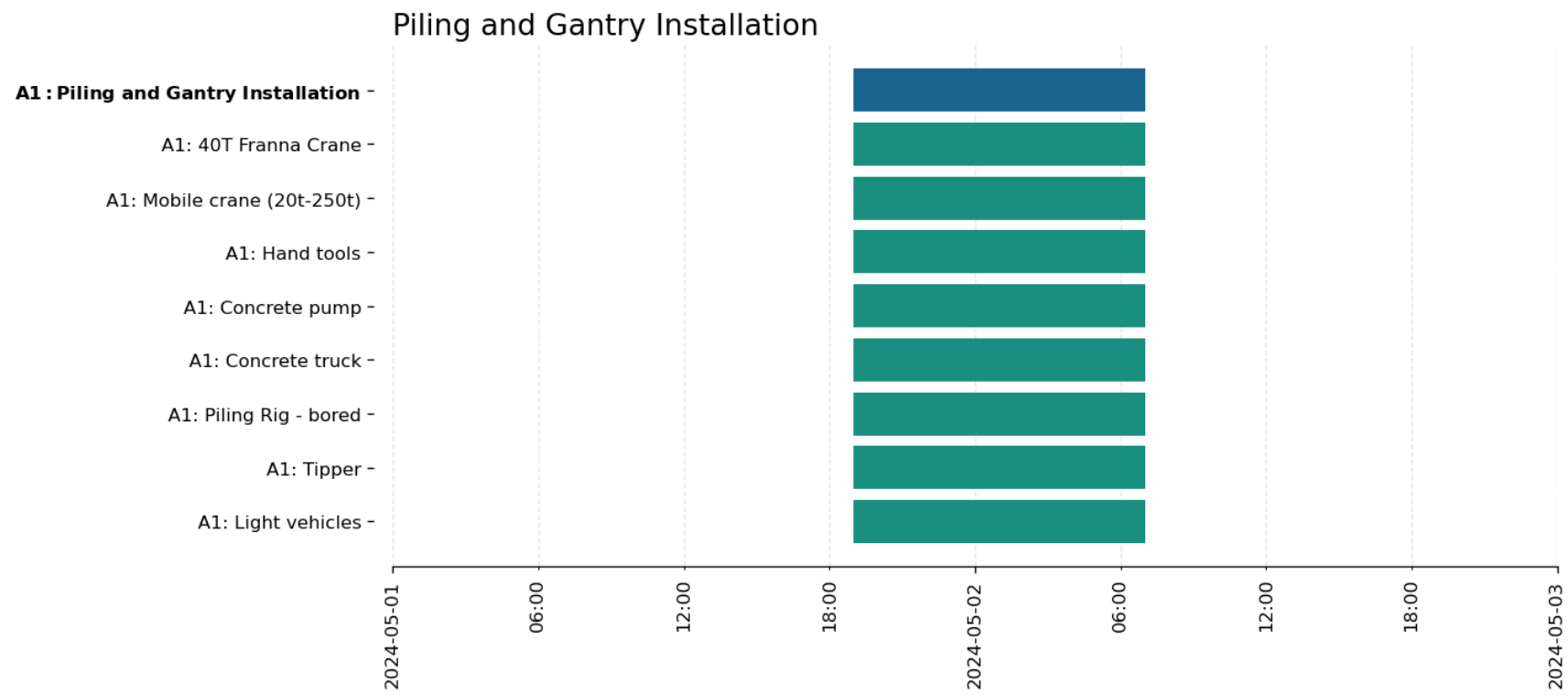
Table 9: Plant and equipment schedule for work area: Clearing

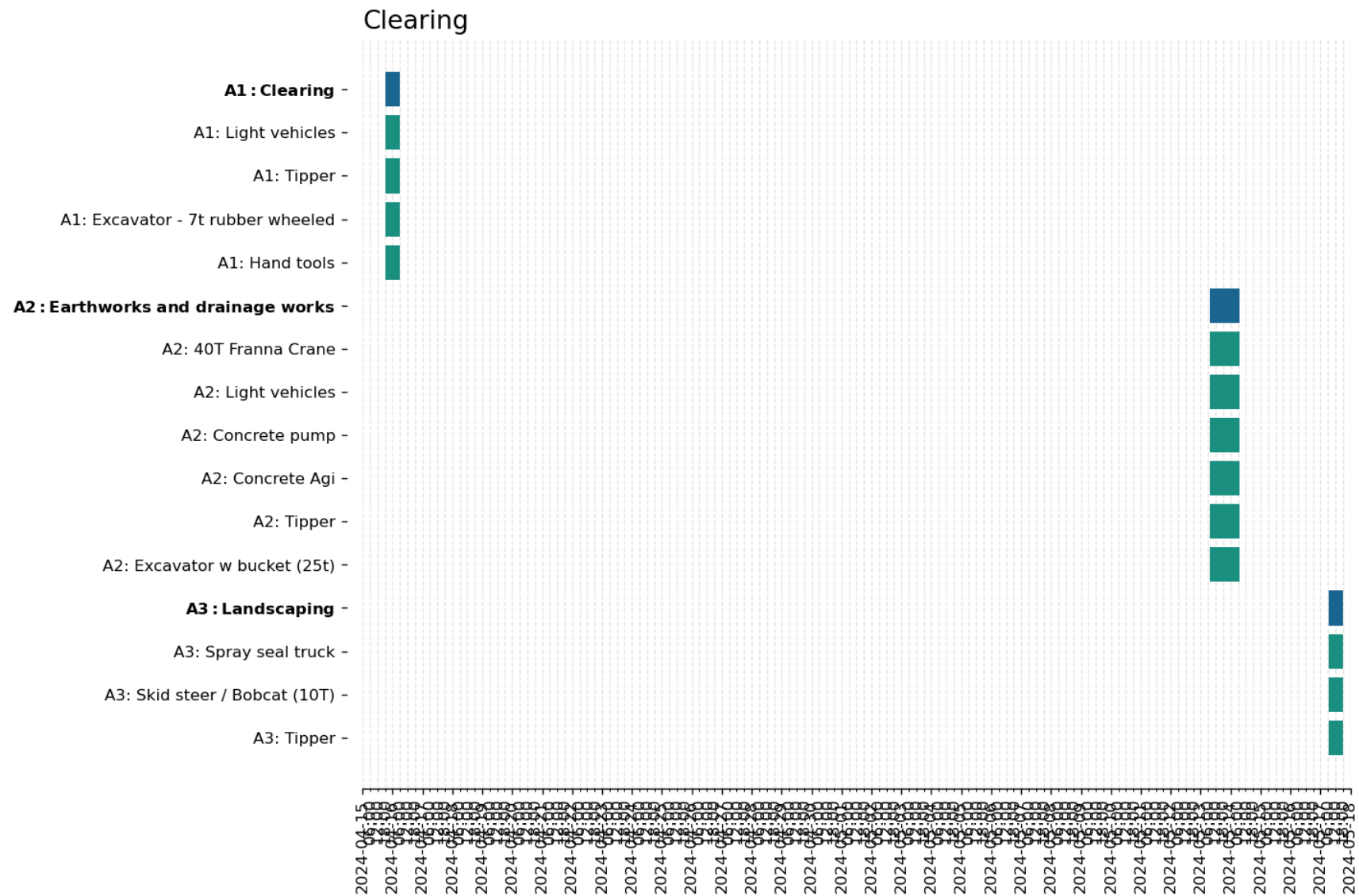
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Clearing								
Light vehicles	-	1	100%	0	89	100	2024-04-15 18:00:00	2024-04-16 06:00:00
Tipper	-	1	100%	0	103	111	2024-04-15 18:00:00	2024-04-16 06:00:00
Excavator - 7t rubber wheeled	-	1	100%	0	98	103	2024-04-15 18:00:00	2024-04-16 06:00:00
Hand tools	-	1	100%	0	107	111	2024-04-15 18:00:00	2024-04-16 06:00:00
Earthworks and drainage works								
40T Franna Crane	-	1	100%	0	100	106	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Concrete pump	-	1	100%	0	103	107	2024-05-13 07:00:00	2024-05-13 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 Agi	-	1	100%	0	108	111	2024-05-13 19:00:00	2024-05-14 07:00:00
							2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Tipper	-	1	100%	0	103	111	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Excavator w bucket (25t)	-	1	100%	0	103	108	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Landscaping								
Spray seal truck	-	1	100%	0	106	111	2024-05-17 07:00:00	2024-05-17 18:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-05-17 07:00:00	2024-05-17 18:00:00
Tipper	-	1	100%	0	103	111	2024-05-17 07:00:00	2024-05-17 18:00:00









APPENDIX B Detailed construction noise results

Table 10: 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			
		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 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	58	-	58	58	66	-	-	-	AM6	
6 B, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	57	-	57	57	63	-	-	-	AM6	
6 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	63	-	-	-	AM6	
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	56	-	56	56	56	-	-	-	AM6	
4 B, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	56	-	56	56	62	-	-	-	AM6	
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	55	-	55	55	55	-	-	-	-	
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	55	-	55	55	55	-	-	-	-	
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	55	-	55	55	55	-	-	-	-	
101, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	55	-	55	55	55	-	-	-	AM6	
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	54	-	54	54	54	-	-	-	-	
119, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	53	-	-	-	-	
48, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	53	-	-	-	-	
103, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	53	-	-	-	-	
105, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	53	-	-	-	-	
107, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	53	-	-	-	-	
52, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	53	-	-	-	-	
109, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	53	-	53	53	53	-	-	-	-	
111, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	52	-	-	-	-	
113, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	52	-	-	-	-	
115, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	52	-	-	-	-	
50, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	52	-	-	-	-	
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	52	-	52	52	52	-	-	-	-	
35, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	52	-	52	52	52	-	-	-	-	
68, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
1, MELITO COURT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	51	-	51	51	51	-	-	-	-	
117, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
123, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
56, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
18, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	51	51	59	-	-	-	-	
46, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
62, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
64, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
121, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
14, SKIPTON LANE, PRESTONS NSW 2170	Childcare	50	50	50	50	None	None	51	-	51	51	59	-	-	-	AM6	
29, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
125, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	51	-	51	51	51	-	-	-	-	
137, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	50	-	-	-	-	
127, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50	-	50	50	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
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	50			-		50		50	51	-	-	-	-
8, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		50		50	58	-	-	-	-
129, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50			-		50		50	50	-	-	-	-
2 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		50		50	58	-	-	-	-
27, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50			-		50		50	50	-	-	-	-
141, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50			-		50		50	50	-	-	-	-
15, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50			-		50		50	50	-	-	-	-
25, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50			-		50		50	50	-	-	-	-
66, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50			-		50		50	50	-	-	-	-
131, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50			-		50		50	50	-	-	-	-
1, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		50		50	58	-	-	-	-
133, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	50			-		50		50	50	-	-	-	-
29, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49			-		49		49	49	-	-	-	-
135, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49			-		49		49	49	-	-	-	-
60, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49			-		49		49	49	-	-	-	-
14, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49			-		49		49	52	-	-	-	-
143, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49			-		49		49	49	-	-	-	-
16, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49			-		49		49	52	-	-	-	-
139, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49			-		49		49	49	-	-	-	-
2, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		49		49	57	-	-	-	-
4 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	49			-		49		49	56	-	-	-	-
145, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	48	-	-	-	-
2 B, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	56	-	-	-	-
25, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	48	-	-	-	-
20, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	48	-	-	-	-
154, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	48	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	48			-		48		48	48	-	-	-	-
11, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	48	-	-	-	-
5, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	48	-	-	-	-
15, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	48	-	-	-	-
153, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	48			-		48		48	48	-	-	-	-
20, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		47		47	50	-	-	-	-
20, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		47		47	50	-	-	-	-
54, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		47		47	48	-	-	-	-
6, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		47		47	55	-	-	-	-
6, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		47		47	55	-	-	-	-
33, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		47		47	47	-	-	-	-
7, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		47		47	47	-	-	-	-
31, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		47		47	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
1, MELITO COURT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	47			-		47		47	47		-	-	-	-
13, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		47		47	47		-	-	-	-
22, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	47			-		47		47	47		-	-	-	-
8, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		46		46	54		-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	46			-		46		46	46		-	-	-	-
147, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	46		-	-	-	-
21, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46			-		46		46	46		-	-	-	AM6
37, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	46		-	-	-	-
151, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	46		-	-	-	-
10, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	49		-	-	-	-
40, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46			-		46		46	49		-	-	-	AM6
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	46			-		46		46	46		-	-	-	-
25, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	46		-	-	-	-
22, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	49		-	-	-	-
1, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	46		-	-	-	-
11, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		46		46	54		-	-	-	-
7, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		46		46	54		-	-	-	-
12, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	49		-	-	-	-
44, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	46		-	-	-	-
8, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	46			-		46		46	46		-	-	-	AM6
16, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	46		-	-	-	-
32, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	48		-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	46			-		46		46	53		-	-	-	-
12, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
17, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
9, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
18, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	48		-	-	-	-
39, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
4, 6, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	51		-	-	-	-
11, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
3, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42			-		45		45	53		-	-	-	-
41, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
7, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
14, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
14, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
30, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
23, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	45			-		45		45	45		-	-	-	AM6
15, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		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
28, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
16, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
21, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
3, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
235, KURRAJONG ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	45			-		45		45	45		-	-	-	-
155, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
20, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	45			-		45		45	45		-	-	-	-
28, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44			-		44		44	44		-	-	-	-
13, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42			-		44		44	52		-	-	-	-
157, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
4, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	52		-	-	-	-
42, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	46		-	-	-	-
154, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
24, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
30, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	45		-	-	-	-
159, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
19, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
36, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	46		-	-	-	-
1, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44			-		44		44	44		-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	52		-	-	-	-
38, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	47		-	-	-	-
4, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
2, MELITO COURT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	44			-		44		44	46		-	-	-	-
5, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44			-		44		44	44		-	-	-	-
1, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
26, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
28, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	46		-	-	-	-
161, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
26, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
7, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	51		-	-	-	-
8, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44		-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	51		-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	51		-	-	-	-
2, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44			-		44		44	44		-	-	-	-
5, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44			-		44		44	44		-	-	-	-
31, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40			-		44		44	52		-	-	-	-
40, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	46		-	-	-	-
5, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	51		-	-	-	-
6, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	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
9, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	45	-	-	-	-
3, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44			-		44		44	44	-	-	-	-
38, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	44			-		44		44	47	-	-	-	-
10, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44	-	-	-	-
163, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44	-	-	-	-
43, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40			-		44		44	52	-	-	-	-
21, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44	-	-	-	-
32, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44	-	-	-	-
241, KURRAJONG ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	44			-		44		44	44	-	-	-	-
23, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44	-	-	-	-
27, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44	-	-	-	-
29, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	44			-		44		44	44	-	-	-	-
13, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
14, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	44	-	-	-	-
18, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
6, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
13, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	44	-	-	-	-
141, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	44	-	-	-	-
165, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
27, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
13, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
9, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
10, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		43		43	51	-	-	-	-
11, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		43		43	51	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	43			-		43		43	43	-	-	-	-
23, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
32, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
5, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
26, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43			-		43		43	43	-	-	-	-
19, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
21, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42			-		43		43	51	-	-	-	-
14, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43			-		43		43	43	-	-	-	-
40, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43			-		43		43	43	-	-	-	-
7, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43			-		43		43	43	-	-	-	-
1, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42			-		43		43	51	-	-	-	-
13, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		43		43	51	-	-	-	-
133, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43			-		43		43	43	-	-	-	-
15, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40			-		43		43	51	-	-	-	-
21, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	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
3, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39		-		43		43	51	-	-	-	-
9, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		43		43	51	-	-	-	-
9, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		43		43	51	-	-	-	-
13, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43		-		43		43	43	-	-	-	-
1, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39		-		43		43	51	-	-	-	-
167, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43		-		43		43	43	-	-	-	-
31, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43		-		43		43	43	-	-	-	-
11, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43		-		43		43	43	-	-	-	-
5, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		43		43	51	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43		-		43		43	50	-	-	-	-
15, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43		-		43		43	43	-	-	-	-
5, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	43		-		43		43	43	-	-	-	-
11 A, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43		-		43		43	43	-	-	-	-
13, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		43		43	51	-	-	-	-
18, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43		-		43		43	43	-	-	-	-
21, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39		-		43		43	51	-	-	-	-
48, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	43		-		43		43	47	-	-	-	-
36, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
42, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
5, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	46	-	-	-	-
10, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
12, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
13, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41		-		42		42	50	-	-	-	-
17, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39		-		42		42	50	-	-	-	-
177, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
2, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
2, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	43	-	-	-	-
7, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
7, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
17, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
42, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	45	-	-	-	-
16, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
16, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
17, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	48	-	-	-	-
2 A, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
29, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39		-		42		42	50	-	-	-	-
4, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
5, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	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
6, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
8, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
12, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	43	-	-	-	-
25, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	43	-	-	-	-
1, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
1, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
11, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	50	-	-	-	-
12, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
21, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
29, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38		-		42		42	50	-	-	-	-
58, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
6, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	50	-	-	-	-
6, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
23, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
1, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41		-		42		42	50	-	-	-	-
10, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
14, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
179, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
2, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38		-		42		42	50	-	-	-	-
3 A, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
4, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
5, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39		-		42		42	50	-	-	-	-
29, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	44	-	-	-	-
137, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
171, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
3, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
10, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
15, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
33, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
4, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37		-		42		42	50	-	-	-	-
10, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
195, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
148, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
15, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
173, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
2, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
23, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
8, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
9, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	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
13, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
2, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
44, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
44, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	45	-	-	-	-
139, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
15, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		42		42	50	-	-	-	-
175, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
24, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	45	-	-	-	-
28, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
3, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		42		42	50	-	-	-	-
5, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		42		42	50	-	-	-	-
3, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
9, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	42		-		42		42	42	-	-	-	-
1, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38		-		42		42	50	-	-	-	-
3, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	49	-	-	-	-
4, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
6, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
6, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	42		-		42		42	42	-	-	-	-
10, BURANDO ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	42		-		42		42	45	-	-	-	-
10, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	41	-	-	-	-
27, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	43	-	-	-	-
6, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	41	-	-	-	-
152, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41		-		41		41	41	-	-	-	-
4, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41		-		41		41	49	-	-	-	-
27, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	41	-	-	-	-
9, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	41	-	-	-	-
41, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	49	-	-	-	-
135, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41		-		41		41	41	-	-	-	-
2, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37		-		41		41	49	-	-	-	-
3, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	41	-	-	-	-
3, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	41	-	-	-	-
38, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	41	-	-	-	-
17, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		41		41	49	-	-	-	-
22, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41		-		41		41	44	-	-	-	-
23, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41		-		41		41	44	-	-	-	-
41, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38		-		41		41	49	-	-	-	-
7, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41		-		41		41	42	-	-	-	-
1, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41		-		41		41	41	-	-	-	-
17, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	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
24, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	42	-	-	-	-
39, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
7, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
136, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
150, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
45, ASH ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	41			-		41		41	45	-	-	-	-
16, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
6, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
19, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		41		41	49	-	-	-	-
19, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
4, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
12, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
142, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
181, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
23, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		41		41	49	-	-	-	-
8, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	48	-	-	-	-
19, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
2, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	42	-	-	-	-
3, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
32, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
146, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
17, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		41		41	49	-	-	-	-
19, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		41		41	49	-	-	-	-
12, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
9, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	42	-	-	-	-
131, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
18, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
183, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
4, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
8, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
10, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
14, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	41	-	-	-	-
22, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	42	-	-	-	-
31, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	41			-		41		41	42	-	-	-	-
16, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
17, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
185, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	41			-		41		41	41	-	-	-	-
11, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40			-		40		40	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, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
18, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
5, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
5, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
11, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		40		40	48	-	-	-	-
191, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	40	-	-	-	-
36, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	43	-	-	-	-
3, VENEZIA STREET, PRESTONS NSW 2170	Recreational - Active	65	65	65	65	None	None	40		-		40		40	40	-	-	-	-
6, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	41	-	-	-	-
9, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
4 A, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	41	-	-	-	-
4, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		40		40	48	-	-	-	-
7, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38		-		40		40	48	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	48	-	-	-	-
11, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	42	-	-	-	-
18, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	42	-	-	-	-
4, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
41, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	42	-	-	-	-
8, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
8, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
45, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37		-		40		40	48	-	-	-	-
71, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	43	-	-	-	-
18, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37		-		40		40	48	-	-	-	-
187, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	40	-	-	-	-
189, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	40	-	-	-	-
27, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	40	-	-	-	-
28, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
51, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	41	-	-	-	-
6, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
45, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		40		40	48	-	-	-	-
6, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		40		40	48	-	-	-	-
12, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	40	-	-	-	-
24, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	40	-	-	-	-
14, CALABRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	41	-	-	-	-
21, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	41	-	-	-	-
29, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	41	-	-	-	-
35, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40		-		40		40	40	-	-	-	-
138, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40		-		40		40	40	-	-	-	-
48, BERNERA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	40		-		40		40	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			
		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, TOSCANA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
45, TOSCANA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	43	-	-	-	-		
40, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	40	40	48	-	-	-	-		
12, TOSCANA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
2, SIENA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
14, PLANE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	40	40	48	-	-	-	-		
193, ASH ROAD, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
2, PLANE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	40	40	48	-	-	-	-		
20, ROMANA SQUARE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
57, TOSCANA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
42, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	40	40	48	-	-	-	-		
12, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	43	-	-	-	-		
15, ROMANA SQUARE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
17, MILAN STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
66, LATINA CIRCUIT, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
128, DALMENY DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
37, TOSCANA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	41	-	-	-	-		
5, LOMBARDO STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	41	-	-	-	-		
14, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	42	-	-	-	-		
15, MONTELLA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	41	-	-	-	-		
205, ASH ROAD, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
26, ROMANA SQUARE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
74, SKIPTON LANE, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	40	-	40	40	48	-	-	-	-		
12, CALABRIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
129, DALMENY DRIVE, PRESTONS NSW 2170		Educational	55	55	55	55	None	None	40	-	40	40	40	-	-	-	-		
13, VENEZIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
292, KURRAJONG ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
3, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
43, TOSCANA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	42	-	-	-	-		
7, LOMBARDO STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
12, ROMANA SQUARE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
30, ROMANA SQUARE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	40	-	40	40	40	-	-	-	-		
1, LOMBARDO STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	41	-	-	-	-		
12, SIENA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
129, DALMENY DRIVE, PRESTONS NSW 2170		Educational	55	55	55	55	None	None	40	-	40	40	40	-	-	-	-		
16, CALABRIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
31, UMBRIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	40	-	-	-	-		
6, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	40	-	40	40	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
8, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	40			-		40		40	40	-	-	-	-
46, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		40		40	48	-	-	-	-
10, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40			-		40		40	40	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	40			-		40		40	42	-	-	-	-
19, ASPEN CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40			-		40		40	43	-	-	-	-
34, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40			-		40		40	41	-	-	-	-
6, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40			-		40		40	47	-	-	-	-
6, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	40			-		40		40	41	-	-	-	-
1, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
122, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
126, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
30, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	41	-	-	-	-
55, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	40	-	-	-	-
7, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
17, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	42	-	-	-	-
18, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	42	-	-	-	-
112, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
20, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	40	-	-	-	-
292, KURRAJONG ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	40	-	-	-	-
53, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	41	-	-	-	-
14, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	39	-	-	-	-
29, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	40	-	-	-	-
31, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	40	-	-	-	-
74, SKIPTON LANE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39			-		39		39	47	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		39		39	47	-	-	-	-
14, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
2, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
4, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
8, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
36, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	42	-	-	-	-
14, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		39		39	47	-	-	-	-
203, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	39	-	-	-	-
33, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	40	-	-	-	-
9, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	47	-	-	-	-
9, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39			-		39		39	39	-	-	-	-
10, BURANDO ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39			-		39		39	43	-	-	-	-
4, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	39	-	-	-	-
47, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39			-		39		39	40	-	-	-	-
7, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	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		
		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, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	34	-	39	39	47	-	-	-	-		
3, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	39	39	47	-	-	-	-		
30, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	42	-	-	-	-		
57, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	35	-	39	39	47	-	-	-	-		
22, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	39	-	39	39	40	-	-	-	-		
24, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	39	-	39	39	41	-	-	-	-		
6, BO TREE PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	39	39	47	-	-	-	-		
1 B, MOLISE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
16, VENEZIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	40	-	-	-	-		
24, MANILDRA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	40	-	-	-	-		
7, SAN MARINO DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
43, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	42	-	-	-	-		
207, ASH ROAD, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	39	-	39	39	39	-	-	-	-		
10, YATO ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	39	-	39	39	39	-	-	-	-		
38, 46, BERNERA ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	39	-	39	39	39	-	-	-	-		
12, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
49, TOSCANA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
11, WILLIAM MAHONEY STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	39	39	47	-	-	-	-		
21, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	42	-	-	-	-		
34, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	42	-	-	-	-		
12, DAHLIA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	39	39	47	-	-	-	-		
15, 19, YATO ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	39	-	39	39	40	-	-	-	-		
10, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
124, DALMENY DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
13, LOMBARDO STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
23, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	43	-	-	-	-		
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	42	-	-	-	-		
35, 37, ROMANA SQUARE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	39	-	39	39	40	-	-	-	-		
6, ZAGREB STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	39	-	39	39	45	-	-	-	-		
10, MILDURA PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
120, DALMENY DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
9, TOSCANA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
32, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	42	-	-	-	-		
17, PLANE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	39	39	47	-	-	-	-		
2, MILAN STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	39	-	39	39	40	-	-	-	-		
4, ZAGREB STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	39	39	47	-	-	-	-		
38, 46, BERNERA ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	39	-	39	39	40	-	-	-	-		
10, MANILDRA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	39	-	39	39	39	-	-	-	-		
20 B, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	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
23, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39		-		39		39	39	-	-	-	-
4, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	39		-		39		39	39	-	-	-	-
8, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34		-		39		39	47	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	39		-		39		39	45	-	-	-	-
90, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	39		-		39		39	44	-	-	-	-
11, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	40	-	-	-	-
12, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
16, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
20, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
28, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
34, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
7, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
17, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		38		38	46	-	-	-	-
2, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38		-		38		38	41	-	-	-	-
12, AVALLI ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38		-		38		38	42	-	-	-	-
10, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
11, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
118, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
18, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
20, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
24, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
25, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
44, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		38		38	46	-	-	-	-
5, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	41	-	-	-	-
11, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38		-		38		38	46	-	-	-	-
6, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		38		38	46	-	-	-	-
7, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38		-		38		38	39	-	-	-	-
55, ASH ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38		-		38		38	45	-	-	-	-
90, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38		-		38		38	43	-	-	-	-
110, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
116, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	38		-		38		38	38	-	-	-	-
13, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
2, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	41	-	-	-	-
23, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	40	-	-	-	-
27, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	39	-	-	-	-
6, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
9, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	38	-	-	-	-
22, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38		-		38		38	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			
		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, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	41	-	-	-	-		
49, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	34	-	38	38	46	-	-	-	-		
5, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	38	38	46	-	-	-	-		
5, SILK PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	35	-	38	38	46	-	-	-	-		
144, DALMENY DRIVE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	39	-	-	-	-		
16, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-		
20, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	39	-	-	-	-		
4, MONDOVI CLOSE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	38	38	46	-	-	-	-		
7, MILAN STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	41	-	-	-	-		
9, ROMANA SQUARE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	38	-	-	-	-		
24, BERNERA ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	38	-	38	38	39	-	-	-	-		
1 A, MOLISE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
16, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
22, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
29, TEMORA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
30, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	41	-	-	-	-		
34, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	41	-	-	-	-		
48, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	34	-	38	38	46	-	-	-	-		
65, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	38	38	46	-	-	-	-		
14, ACRI STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	39	-	-	-	-		
14, BO TREE PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	38	38	46	-	-	-	-		
114, DALMENY DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
128, DALMENY DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
129, DALMENY DRIVE, PRESTONS NSW 2170		Educational	55	55	55	55	None	None	38	-	38	38	38	-	-	-	-		
15, VENEZIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
24, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
4, SIENA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-		
8, SIENA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	38	-	38	38	39	-	-	-	-		
59, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	34	-	38	38	46	-	-	-	-		
67, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	38	38	46	-	-	-	-		
1, MAHOGANY STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	46	-	-	-	-		
10, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	39	-	-	-	-		
11, BO TREE PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	38	38	46	-	-	-	-		
12 A, BO TREE PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	38	38	46	-	-	-	-		
37, SKIPTON LANE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	38	38	46	-	-	-	-		
5, LATINA CIRCUIT, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	38	-	38	38	38	-	-	-	-		
11, SIENA CLOSE, 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	38	-	-	-	-		
24, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	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			
		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, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
14, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	38	38	46	-	-	-	-			
10, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	38	38	46	-	-	-	-			
12, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
14, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
14, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
16, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
17, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
18, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
2, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
22, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
22, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
27, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	39	-	-	-	-			
34, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
4, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
5, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
8, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
1, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	40	-	-	-	-			
17, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	39	-	-	-	-			
3, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	38	38	46	-	-	-	-			
34, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	39	-	-	-	-			
7, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	46	-	-	-	-			
10, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
12, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
13, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
6, MANILDRA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
7, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
9 A, SORRENTO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	39	-	-	-	-			
22, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37	-	38	38	46	-	-	-	-			
52, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	38	38	46	-	-	-	-			
55, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	38	38	46	-	-	-	-			
3, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	38	-	-	-	-			
3, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	44	-	-	-	-			
30, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38	-	38	38	38	-	-	-	-			
5, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	38	38	46	-	-	-	-			
10, YATO ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38	-	38	38	38	-	-	-	-			
14, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
18, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	38	-	-	-	-			
19, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38	-	38	38	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
19, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
26, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
292, KURRAJONG ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	39	-	-	-	-
32, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
6, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
28, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	41	-	-	-	-
9, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	42	-	-	-	-
3, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		38		38	46	-	-	-	-
24, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
31, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
35, UMBRIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	42	-	-	-	-
38, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
9, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	41	-	-	-	-
15, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		38		38	46	-	-	-	-
16, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38			-		38		38	39	-	-	-	-
17, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35			-		38		38	46	-	-	-	-
3, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		38		38	46	-	-	-	-
74, SKIPTON LANE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38			-		38		38	44	-	-	-	-
24, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	38	-	-	-	-
10, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	42	-	-	-	-
3, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	40	-	-	-	-
33, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	38			-		38		38	40	-	-	-	-
54, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		38		38	46	-	-	-	-
13, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38			-		38		38	39	-	-	-	-
15, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38			-		38		38	45	-	-	-	-
3, MONDOVI CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38			-		38		38	45	-	-	-	-
32, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38			-		38		38	38	-	-	-	-
43, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	38			-		38		38	43	-	-	-	-
9, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		38		38	46	-	-	-	-
SPLIT CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	38			-		38		38	44	-	-	-	-
16, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	37	-	-	-	-
25, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	37	-	-	-	-
21, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		37		37	45	-	-	-	-
44, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		37		37	45	-	-	-	-
1, MONDOVI CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	45	-	-	-	-
14, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	39	-	-	-	-
3, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	38	-	-	-	-
38, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	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
55, ASH ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	37			-		37		37	45	-	-	-	-
14, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	37	-	-	-	-
16, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	39	-	-	-	-
18, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	37	-	-	-	-
23, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	37	-	-	-	-
11, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	40	-	-	-	-
2, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	41	-	-	-	-
36, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	44	-	-	-	-
9, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	42	-	-	-	-
1, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	39	-	-	-	-
2, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		37		37	45	-	-	-	-
30, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	45	-	-	-	-
11, 13, YATO ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	37			-		37		37	37	-	-	-	-
13, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	39	-	-	-	-
2, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	38	-	-	-	-
53, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		37		37	45	-	-	-	-
55, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		37		37	45	-	-	-	-
26, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	37	-	-	-	-
34, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	45	-	-	-	-
8, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	38	-	-	-	-
10, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	39	-	-	-	-
15, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	37	-	-	-	-
17, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	39	-	-	-	-
30, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	37	-	-	-	-
4, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	39	-	-	-	-
6, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	37	-	-	-	-
8, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	38	-	-	-	-
1, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	40	-	-	-	-
24, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	43	-	-	-	-
10, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	37	-	-	-	-
13, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	40	-	-	-	-
38, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	40	-	-	-	-
7, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	37			-		37		37	44	-	-	-	-
12, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	39	-	-	-	-
6, CATANIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	38	-	-	-	-
12, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	42	-	-	-	-
13, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	34			-		37		37	45	-	-	-	-
28, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	43	-	-	-	-
11, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	37			-		37		37	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			
		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, SIENA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	38	-	-	-	-		
3, MESSINA CIRCUIT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-		
48, VENEZIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	37	-	-	-	-		
5, MESSINA CIRCUIT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-		
7, MESSINA CIRCUIT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	39	-	-	-	-		
15, TURIN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	40	-	-	-	-		
16, TURIN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	38	-	-	-	-		
26, MILAN STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	39	-	-	-	-		
9, CHIANTI PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	37	37	45	-	-	-	-		
10, MESSINA CIRCUIT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	38	-	-	-	-		
129, DALMENY DRIVE, PRESTONS NSW 2170		Educational	55	55	55	55	None	None	37	-	37	37	37	-	-	-	-		
17, TEMORA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	37	-	-	-	-		
21, SIENA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	38	-	-	-	-		
24, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	37	-	-	-	-		
7, CATANIA AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	37	-	-	-	-		
8, MESSINA CIRCUIT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	38	-	-	-	-		
19, WILLIAM MAHONEY STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	37	37	45	-	-	-	-		
24, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	37	37	45	-	-	-	-		
3, WILLIAM MAHONEY STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	44	-	-	-	-		
38, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	35	-	37	37	45	-	-	-	-		
4, SILK PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	41	-	-	-	-		
6, TEAK WAY, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	40	-	-	-	-		
75, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	45	-	-	-	-		
8, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	44	-	-	-	-		
11, ACRI STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	37	-	-	-	-		
11, ROMANA SQUARE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	38	-	-	-	-		
23 A, CHIANTI PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	44	-	-	-	-		
45, SKIPTON LANE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	37	37	45	-	-	-	-		
5, MAHOGANY STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	44	-	-	-	-		
8, CHIANTI PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	35	-	37	37	45	-	-	-	-		
11, TEMORA STREET, 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	37	-	-	-	-		
8, LOMBARDO STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	37	-	-	-	-		
18, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	42	-	-	-	-		
26, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	42	-	-	-	-		
9, WILLIAM MAHONEY STREET, PRESTONS NSW 2170		Recreational - Passive	60	60	60	60	None	None	33	-	37	37	45	-	-	-	-		
11, CHIANTI PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	35	-	37	37	45	-	-	-	-		
16, BARCELONA DRIVE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	33	-	37	37	45	-	-	-	-		
36, MANILDRA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	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			
		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, MANILDRA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	38	-	-	-	-		
6, ANISEED STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	44	-	-	-	-		
8, MILAN STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	38	-	-	-	-		
10, CATANIA AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	37	-	-	-	-		
15, CATANIA AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	37	-	-	-	-		
4, MESSINA CIRCUIT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	38	-	-	-	-		
77, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	37	-	37	37	44	-	-	-	-		
13, CHIANTI PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	37	37	45	-	-	-	-		
13, PLANE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	37	-	37	37	44	-	-	-	-		
5, ANISEED STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	37	37	45	-	-	-	-		
10, VENEZIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	36	-	-	-	-		
108, DALMENY DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	39	-	-	-	-		
119, DALMENY DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	39	-	-	-	-		
18, MESSINA CIRCUIT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-		
19, SIENA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	40	-	-	-	-		
3, SORRENTO STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-		
47, TEMORA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	36	-	-	-	-		
9, TEMORA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	38	-	-	-	-		
10, APPLÉGUM PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	41	-	-	-	-		
10, WILLIAM MAHONEY STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	35	-	36	36	44	-	-	-	-		
20, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	40	-	-	-	-		
27, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	40	-	-	-	-		
57, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	36	36	44	-	-	-	-		
11, MILAN STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	36	36	40	-	-	-	-		
18, GASCOGNE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	36	36	44	-	-	-	-		
28, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	36	36	37	-	-	-	-		
7, TURIN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	36	36	39	-	-	-	-		
86, SKIPTON LANE, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	36	-	36	36	44	-	-	-	-		
10, LOMBARDO STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	36	-	-	-	-		
17, PADUA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	36	-	-	-	-		
5, CATANIA AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	37	-	-	-	-		
57, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	43	-	-	-	-		
65, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	40	-	-	-	-		
16, ACRÍ STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	36	36	36	-	-	-	-		
21, ASPEN CLOSE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	36	36	39	-	-	-	-		
21, GASCOGNE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	35	-	36	36	44	-	-	-	-		
6, TURIN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	36	-	36	36	40	-	-	-	-		
11, VENEZIA STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	36	-	36	36	36	-	-	-	-		
123, DALMENY DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	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
13, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	36	-	-	-	-
6, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	36	-	-	-	-
12, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		36		36	44	-	-	-	-
5, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	36			-		36		36	44	-	-	-	-
15, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35			-		36		36	44	-	-	-	-
19, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		36		36	44	-	-	-	-
7, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	44	-	-	-	-
115, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	36	-	-	-	-
3, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	36	-	-	-	-
11, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		36		36	44	-	-	-	-
63, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		36		36	44	-	-	-	-
7, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		36		36	44	-	-	-	-
11, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	39	-	-	-	-
25, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	44	-	-	-	-
3, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	39	-	-	-	-
4, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	40	-	-	-	-
11, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	36	-	-	-	-
115, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	37	-	-	-	-
117, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	37	-	-	-	-
3, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	36	-	-	-	-
7, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	36	-	-	-	-
15, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		36		36	44	-	-	-	-
20, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	42	-	-	-	-
63, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	40	-	-	-	-
15, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	44	-	-	-	-
5, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	37	-	-	-	-
7, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	44	-	-	-	-
8, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	44	-	-	-	-
9, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	37	-	-	-	-
22, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	36	-	-	-	-
2, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36			-		36		36	39	-	-	-	-
50, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		36		36	44	-	-	-	-
12, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	38	-	-	-	-
13, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	38	-	-	-	-
14, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		36		36	44	-	-	-	-
16, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		36		36	44	-	-	-	-
18, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35			-		36		36	44	-	-	-	-
28 A, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	44	-	-	-	-
5, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36			-		36		36	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
25, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	36	-	-	-	-
4, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	39	-	-	-	-
5, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	39	-	-	-	-
73, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	44	-	-	-	-
15, LATINA CIRCUIT, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	42	-	-	-	-
17, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	44	-	-	-	-
18, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32		-		36		36	44	-	-	-	-
19, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	36	-	-	-	-
3, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	36	-	-	-	-
74, SKIPTON LANE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	36		-		36		36	43	-	-	-	-
15, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	36	-	-	-	-
26, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	36	-	-	-	-
28, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	36	-	-	-	-
43, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	39	-	-	-	-
7, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	39	-	-	-	-
11, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34		-		36		36	44	-	-	-	-
22, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	36	-	-	-	-
39, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		36		36	44	-	-	-	-
4, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	37	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	36		-		36		36	36	-	-	-	-
16, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	38	-	-	-	-
20, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	36	-	-	-	-
1, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	42	-	-	-	-
13, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		36		36	44	-	-	-	-
19, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	39	-	-	-	-
7, APPLGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	39	-	-	-	-
9, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	39	-	-	-	-
14, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34		-		36		36	44	-	-	-	-
14, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	37	-	-	-	-
140, DALMENY DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	36	-	-	-	-
15, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36		-		36		36	37	-	-	-	-
10, AVALLI ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	36		-		36		36	41	-	-	-	-
119, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	38	-	-	-	-
21, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34		-		36		36	44	-	-	-	-
3, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33		-		36		36	44	-	-	-	-
6, APPLGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36		-		36		36	42	-	-	-	-
10, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31		-		36		36	44	-	-	-	-
19, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		36		36	44	-	-	-	-
19, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	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		
		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, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	37	-	-	-	-		
21, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	36	36	44	-	-	-	-		
22, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	43	-	-	-	-		
25, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	36	-	-	-	-		
27, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	36	36	44	-	-	-	-		
4, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	36	36	44	-	-	-	-		
5, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	36	36	44	-	-	-	-		
9, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	36	-	36	36	36	-	-	-	-		
18, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	36	36	44	-	-	-	-		
3, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	36	36	44	-	-	-	-		
79, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	36	36	44	-	-	-	-		
10, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	36	36	44	-	-	-	-		
18, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	37	-	-	-	-		
23, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	36	36	44	-	-	-	-		
23, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	36	-	36	36	38	-	-	-	-		
4, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	36	36	44	-	-	-	-		
4, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	36	36	44	-	-	-	-		
4, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	36	36	44	-	-	-	-		
55, ASH ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	36	-	36	36	41	-	-	-	-		
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	35	-	35	35	35	-	-	-	-		
10, APPLÉGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	38	-	-	-	-		
12, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	42	-	-	-	-		
18, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	41	-	-	-	-		
29, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	38	-	-	-	-		
43, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-		
5, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	35	35	43	-	-	-	-		
58, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	35	35	43	-	-	-	-		
69, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-		
7, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	42	-	-	-	-		
71, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	43	-	-	-	-		
8, APPLÉGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	41	-	-	-	-		
1, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	35	35	43	-	-	-	-		
3, MAHOGANY STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	43	-	-	-	-		
13, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31	-	35	35	43	-	-	-	-		
61, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35	-	35	35	39	-	-	-	-		
20, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	35	35	43	-	-	-	-		
20, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	35	35	43	-	-	-	-		
21, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35	-	35	35	38	-	-	-	-		
4, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	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		
2, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	38	-	-	-	-		
36, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31		-		35		35	43	-	-	-	-		
37, 39, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	38	-	-	-	-		
21, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	35	-	-	-	-		
3, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	37	-	-	-	-		
47, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	43	-	-	-	-		
8, AVALLI ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	35		-		35		35	41	-	-	-	-		
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	35		-		35		35	35	-	-	-	-		
9, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	35	-	-	-	-		
20, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30		-		35		35	43	-	-	-	-		
61, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31		-		35		35	43	-	-	-	-		
11, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	35		-		35		35	43	-	-	-	-		
14, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31		-		35		35	43	-	-	-	-		
16, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	43	-	-	-	-		
24, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33		-		35		35	43	-	-	-	-		
8, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	43	-	-	-	-		
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	35		-		35		35	35	-	-	-	-		
24, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	35	-	-	-	-		
19, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31		-		35		35	43	-	-	-	-		
20, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	41	-	-	-	-		
39, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34		-		35		35	43	-	-	-	-		
1, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32		-		35		35	43	-	-	-	-		
17, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	38	-	-	-	-		
21, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	43	-	-	-	-		
25, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	36	-	-	-	-		
7, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34		-		35		35	43	-	-	-	-		
43, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	35	-	-	-	-		
11, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33		-		35		35	43	-	-	-	-		
4, APPLGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	43	-	-	-	-		
5, APPLGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	38	-	-	-	-		
6, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	38	-	-	-	-		
12, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34		-		35		35	43	-	-	-	-		
22, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33		-		35		35	43	-	-	-	-		
90, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	35		-		35		35	40	-	-	-	-		
14, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35		-		35		35	41	-	-	-	-		
56, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30		-		35		35	43	-	-	-	-		
16, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35		-		35		35	36	-	-	-	-		
18, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33		-		35		35	43	-	-	-	-		
18, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	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
20, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35			-		35		35	38	-	-	-	-
23, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		35		35	43	-	-	-	-
3 A, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		35		35	43	-	-	-	-
5, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		35		35	43	-	-	-	-
9, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		35		35	43	-	-	-	-
6, AVALLI ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	35			-		35		35	42	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	35			-		35		35	35	-	-	-	-
17, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35			-		35		35	38	-	-	-	-
4, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	35			-		35		35	41	-	-	-	-
60, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		35		35	43	-	-	-	-
1 A, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		35		35	43	-	-	-	-
12, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		35		35	43	-	-	-	-
4, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	35			-		35		35	42	-	-	-	-
5, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-		35		35	43	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	35			-		35		35	35	-	-	-	-
100, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	35			-		35		35	39	-	-	-	-
102, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	35			-		35		35	42	-	-	-	-
90, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	35			-		35		35	39	-	-	-	-
12, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	41	-	-	-	-
42, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		34		34	42	-	-	-	-
18, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	35	-	-	-	-
2, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		34		34	42	-	-	-	-
4 B, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		34		34	42	-	-	-	-
4, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		34		34	42	-	-	-	-
5, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	38	-	-	-	-
8, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	42	-	-	-	-
9, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	37	-	-	-	-
16, BERNERA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34			-		34		34	37	-	-	-	-
7, 9, YATO ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34			-		34		34	34	-	-	-	-
121, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	37	-	-	-	-
1, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	37	-	-	-	-
10, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	41	-	-	-	-
20, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		34		34	42	-	-	-	-
26, 28, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	40	-	-	-	-
53, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	38	-	-	-	-
7, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	41	-	-	-	-
14, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		34		34	42	-	-	-	-
6, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-		34		34	42	-	-	-	-
28, BERNERA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34			-		34		34	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
92, 94, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34			-		34		34	40	-	-	-	-
96, 98, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34			-		34		34	42	-	-	-	-
15, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	40	-	-	-	-
7, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		34		34	42	-	-	-	-
3 B, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		34		34	42	-	-	-	-
6 B, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	42	-	-	-	-
4, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	34	-	-	-	-
17, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		34		34	42	-	-	-	-
19, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	37	-	-	-	-
17, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		34		34	42	-	-	-	-
28, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	40	-	-	-	-
7, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	42	-	-	-	-
8, ZAGREB STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	40	-	-	-	-
3, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	41	-	-	-	-
8, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	37	-	-	-	-
10, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		34		34	42	-	-	-	-
2, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		34		34	42	-	-	-	-
5, MONDOVI CLOSE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		34		34	42	-	-	-	-
4, AVALLI ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34			-		34		34	41	-	-	-	-
90, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34			-		34		34	39	-	-	-	-
10, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	34	-	-	-	-
3, VENEZIA STREET, PRESTONS NSW 2170	Recreational - Active	65	65	65	65	None	None	34			-		34		34	34	-	-	-	-
13, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	37	-	-	-	-
8 A, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	41	-	-	-	-
8 B, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	37	-	-	-	-
1, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	42	-	-	-	-
1, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	42	-	-	-	-
23, DOMAIN BOULEVARD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	36	-	-	-	-
102, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34			-		34		34	40	-	-	-	-
10, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	38	-	-	-	-
15, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		34		34	42	-	-	-	-
37, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		34		34	42	-	-	-	-
69, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34			-		34		34	37	-	-	-	-
28, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	35	-	-	-	-
3, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	37	-	-	-	-
5, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	35	-	-	-	-
8, ANISEED STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34			-		34		34	42	-	-	-	-
8, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30			-		34		34	42	-	-	-	-
9, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	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			
		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, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	41	-	-	-	-			
3 A, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	37	-	-	-	-			
47, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	39	-	-	-	-			
5, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	37	-	-	-	-			
1 B, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28	-	34	34	42	-	-	-	-			
18, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	34	-	-	-	-			
205, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	35	-	-	-	-			
25, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30	-	34	34	42	-	-	-	-			
6, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	34	34	42	-	-	-	-			
7, 9, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34	-	34	34	42	-	-	-	-			
90, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34	-	34	34	40	-	-	-	-			
25, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	34	34	42	-	-	-	-			
27, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	34	34	42	-	-	-	-			
31, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	34	34	42	-	-	-	-			
32, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	37	-	-	-	-			
5, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32	-	34	34	42	-	-	-	-			
9, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	37	-	-	-	-			
1 A, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	34	34	42	-	-	-	-			
10, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	34	34	42	-	-	-	-			
14, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	42	-	-	-	-			
20, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	34	34	42	-	-	-	-			
22, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	34	-	-	-	-			
25, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	34	34	42	-	-	-	-			
5 A, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30	-	34	34	42	-	-	-	-			
7, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	34	34	42	-	-	-	-			
100, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34	-	34	34	38	-	-	-	-			
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	34	-	34	34	34	-	-	-	-			
2, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	34	-	-	-	-			
11, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	37	-	-	-	-			
7, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	37	-	-	-	-			
18, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30	-	34	34	42	-	-	-	-			
22, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	34	34	42	-	-	-	-			
4, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30	-	34	34	42	-	-	-	-			
8, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	34	34	42	-	-	-	-			
100, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34	-	34	34	40	-	-	-	-			
2, AVALLI ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	34	-	34	34	37	-	-	-	-			
22, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	36	-	-	-	-			
15, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	34	34	42	-	-	-	-			
2 B, JUNIPER PLACE, PRESTONS 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			
		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, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	34	34	42	-	-	-	-			
49, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	38	-	-	-	-			
6, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	34	-	34	34	40	-	-	-	-			
17, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	34	34	42	-	-	-	-			
2, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	34	34	42	-	-	-	-			
21, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	34	34	42	-	-	-	-			
23, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	35	-	-	-	-			
26, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	34	34	42	-	-	-	-			
3, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29	-	34	34	42	-	-	-	-			
5 B, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	34	34	42	-	-	-	-			
7, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31	-	34	34	42	-	-	-	-			
9, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	34	34	42	-	-	-	-			
9, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	34	-	34	34	34	-	-	-	-			
10, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-			
16, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
39, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	41	-	-	-	-			
1, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	39	-	-	-	-			
20, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	33	-	-	-	-			
7, 9, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	33	-	33	33	41	-	-	-	-			
13, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	33	-	-	-	-			
26, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	33	33	41	-	-	-	-			
4, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
45, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	38	-	-	-	-			
5, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
8, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	40	-	-	-	-			
10, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	34	-	-	-	-			
11, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	33	33	41	-	-	-	-			
19, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	34	-	-	-	-			
32, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	41	-	-	-	-			
4, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	41	-	-	-	-			
9, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	33	33	41	-	-	-	-			
1, APPLÉGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30	-	33	33	41	-	-	-	-			
3, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	40	-	-	-	-			
31, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
11, SICILIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	34	-	-	-	-			
13, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	33	33	41	-	-	-	-			
14, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	34	-	-	-	-			
16, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32	-	33	33	41	-	-	-	-			
17, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33	-	33	33	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
22, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-		33		33	41	-	-	-	-
24, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-		33		33	41	-	-	-	-
3, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		33		33	41	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	33			-		33		33	33	-	-	-	-
10, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	40	-	-	-	-
2, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	40	-	-	-	-
33, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		33		33	41	-	-	-	-
13, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		33		33	41	-	-	-	-
41, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		33		33	33	-	-	-	-
5, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		33		33	41	-	-	-	-
41, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	33	-	-	-	-
46, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	33	-	-	-	-
8, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	33	-	-	-	-
30, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		33		33	41	-	-	-	-
33, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		33		33	41	-	-	-	-
47, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	38	-	-	-	-
57, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	36	-	-	-	-
67, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	36	-	-	-	-
9, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		33		33	41	-	-	-	-
15, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		33		33	41	-	-	-	-
7, TANNA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		33		33	41	-	-	-	-
45, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	33	-	-	-	-
9, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	34	-	-	-	-
13, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		33		33	41	-	-	-	-
24, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	36	-	-	-	-
29, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	40	-	-	-	-
32, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		33		33	41	-	-	-	-
40, CEDAR ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-		33		33	41	-	-	-	-
42, CEDAR ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		33		33	41	-	-	-	-
43, CEDAR ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-		33		33	41	-	-	-	-
6 A, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		33		33	41	-	-	-	-
102, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	33	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	33			-		33		33	33	-	-	-	-
23, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		33		33	41	-	-	-	-
33, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	41	-	-	-	-
12, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	33			-		33		33	34	-	-	-	-
9, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		33		33	41	-	-	-	-
12, MILDURA PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	33			-		33		33	37	-	-	-	-
14, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		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			
		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, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
18, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
7, TEAK WAY, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
13, MELALEUCA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	33	33	41	-	-	-	-			
16, MELALEUCA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	33	-	33	33	41	-	-	-	-			
2, MELALEUCA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	33	33	41	-	-	-	-			
3, ACACIA AVENUE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	33	33	41	-	-	-	-			
9, MELALEUCA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	33	-	33	33	39	-	-	-	-			
292, KURRAJONG ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	33	33	38	-	-	-	-			
3, OAK STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
35, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	30	-	33	33	41	-	-	-	-			
4, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	33	33	40	-	-	-	-			
4, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	33	-	33	33	36	-	-	-	-			
6, ACACIA AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	33	33	41	-	-	-	-			
10, ROWAN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	33	33	41	-	-	-	-			
12, MELALEUCA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	33	-	33	33	40	-	-	-	-			
20, BO TREE PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	30	-	33	33	41	-	-	-	-			
42, MANILDRA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	33	-	33	33	34	-	-	-	-			
43, LYN PARADE, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	33	-	33	33	40	-	-	-	-			
7, PLANE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	33	33	41	-	-	-	-			
129, DALMENY DRIVE, PRESTONS NSW 2170		Educational	55	55	55	55	None	None	32	-	32	32	32	-	-	-	-			
14, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	36	-	-	-	-			
14, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	36	-	-	-	-			
1 A, GASCOGNE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	32	32	40	-	-	-	-			
12, PLANE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	30	-	32	32	40	-	-	-	-			
2, ROWAN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	32	32	40	-	-	-	-			
100, JEDDA ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	32	-	32	32	40	-	-	-	-			
15, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	35	-	-	-	-			
16, WILLIAM MAHONEY STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	28	-	32	32	40	-	-	-	-			
23, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	30	-	32	32	40	-	-	-	-			
250, WONGA ROAD, LURNEA NSW 2170		Residential	56	51	50	44	55	65	30	-	32	32	40	-	-	-	-			
26, 28, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	40	-	-	-	-			
1 B, GASCOGNE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	32	32	40	-	-	-	-			
10, TURIN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	32	32	33	-	-	-	-			
14, MACADAMIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	30	-	32	32	40	-	-	-	-			
14, MAHOGANY STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	32	32	39	-	-	-	-			
11, MESSINA CIRCUIT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	32	-	-	-	-			
11, MILDURA PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	32	-	-	-	-			
35, TEMORA STREET, PRESTONS NSW 2170		Residential	56	51	50	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
17, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	35	-	-	-	-
18, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	35	-	-	-	-
20, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	35	-	-	-	-
64, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	40	-	-	-	-
16, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	40	-	-	-	-
20, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	33	-	-	-	-
24, CHIENTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	40	-	-	-	-
8, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		32		32	40	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	32			-		32		32	34	-	-	-	-
3, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	33	-	-	-	-
33, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	32	-	-	-	-
5, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	32	-	-	-	-
8, PLANE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	40	-	-	-	-
100, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	32			-		32		32	39	-	-	-	-
1, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		32		32	40	-	-	-	-
21, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		32		32	40	-	-	-	-
62, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		32		32	40	-	-	-	-
1, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		32		32	40	-	-	-	-
244, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	30			-		32		32	40	-	-	-	-
26, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		32		32	40	-	-	-	-
7, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	35	-	-	-	-
14, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	40	-	-	-	-
37, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	32	-	-	-	-
10, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	35	-	-	-	-
11, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	39	-	-	-	-
71, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	40	-	-	-	-
2, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	40	-	-	-	-
23, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-		32		32	40	-	-	-	-
5, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	39	-	-	-	-
14, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	35	-	-	-	-
15, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		32		32	40	-	-	-	-
25, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		32		32	40	-	-	-	-
14, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	40	-	-	-	-
4, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		32		32	40	-	-	-	-
9, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	33	-	-	-	-
117, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	32			-		32		32	32	-	-	-	-
245, WONGA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	29			-		32		32	40	-	-	-	-
8, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		32		32	40	-	-	-	-
39, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	32			-		32		32	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			
		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, TANNA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	27	-	32	32	40	-	-	-	-		
7, ACRI STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-		
17, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	35	-	-	-	-		
245, WONGA ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	29	-	32	32	40	-	-	-	-		
28, CHESTNUT CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	29	-	32	32	40	-	-	-	-		
4, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	35	-	-	-	-		
13, BO TREE PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	32	32	40	-	-	-	-		
15, MELALEUCA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	32	32	39	-	-	-	-		
3, EMILIA PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	32	-	32	32	34	-	-	-	-		
7, ROWAN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	32	32	40	-	-	-	-		
19, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-		
27, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	34	-	-	-	-		
37, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	32	-	32	32	38	-	-	-	-		
6, SORRENTO STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	31	-	-	-	-		
1, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
23, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
245, WONGA ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	29	-	31	31	39	-	-	-	-		
34, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	29	-	31	31	39	-	-	-	-		
13, GASCOGNE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	28	-	31	31	39	-	-	-	-		
80, JEDDA ROAD, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	31	-	31	31	39	-	-	-	-		
15, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
18, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
3, SILK PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
35, ROSEWOOD AVENUE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	35	-	-	-	-		
49, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
1, ROWAN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	31	31	39	-	-	-	-		
24, CHIANTI PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	31	31	39	-	-	-	-		
26, ACRI STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	31	31	31	-	-	-	-		
3 A, GASCOGNE STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	30	-	31	31	39	-	-	-	-		
12, MILDURA PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	33	-	-	-	-		
16, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
5, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
13, ENTERPRISE CIRCUIT, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	29	-	31	31	39	-	-	-	-		
14, CHERRY PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	31	-	31	31	39	-	-	-	-		
1 A, MOLISE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	31	-	-	-	-		
17, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
22, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
3, JUNIPER PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	31	-	31	31	34	-	-	-	-		
38, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	29	-	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, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		31		31	39	-	-	-	-
53, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
2, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
5, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	38	-	-	-	-
6, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
9, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		31		31	39	-	-	-	-
10, SILK PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
10, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
15, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	32	-	-	-	-
38, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	32	-	-	-	-
56, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
8, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
100, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	31	-	-	-	-
21, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	31	-	-	-	-
245, WONGA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-		31		31	39	-	-	-	-
264, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		31		31	39	-	-	-	-
30, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
24, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	31	-	-	-	-
24, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	32	-	-	-	-
3, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
12, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	31	-	-	-	-
22, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
254, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		31		31	39	-	-	-	-
262, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		31		31	39	-	-	-	-
4, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
70, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
8, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
157, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	33	-	-	-	-
54, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
7, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	34	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	31			-		31		31	31	-	-	-	-
240, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		31		31	39	-	-	-	-
246, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		31		31	39	-	-	-	-
252, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		31		31	39	-	-	-	-
256, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		31		31	39	-	-	-	-
18, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
8, TURIN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	32	-	-	-	-
22, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
238, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		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
72, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	31			-		31		31	34	-	-	-	-
1, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
13, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	32	-	-	-	-
14 A, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-		31		31	39	-	-	-	-
18, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
2, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	31			-		31		31	38	-	-	-	-
24, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	29			-		31		31	39	-	-	-	-
52, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		31		31	39	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	30			-		30		30	30	-	-	-	-
2, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	38	-	-	-	-
49, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	38	-	-	-	-
61, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	34	-	-	-	-
74, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	34	-	-	-	-
10, EMILIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	34	-	-	-	-
12 A, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	27			-		30		30	38	-	-	-	-
5, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-		30		30	38	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	29			-		30		30	38	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	38	-	-	-	-
1, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	33	-	-	-	-
16, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	33	-	-	-	-
61, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		30		30	38	-	-	-	-
163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	30			-		30		30	35	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	29			-		30		30	38	-	-	-	-
226, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		30		30	38	-	-	-	-
5, APPEGUM PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	33	-	-	-	-
1, HASSARATI PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	38	-	-	-	-
18, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	38	-	-	-	-
26, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	37	-	-	-	-
3, HASSARATI PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	38	-	-	-	-
6, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	38	-	-	-	-
15, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	34	-	-	-	-
228, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		30		30	38	-	-	-	-
232, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		30		30	38	-	-	-	-
49, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	33	-	-	-	-
51, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	34	-	-	-	-
7, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	34	-	-	-	-
10, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-		30		30	38	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	27			-		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
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	28			-		30		30	38	-	-	-	-
120, DALMENY DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	36	-	-	-	-
33, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		30		30	38	-	-	-	-
11, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	32	-	-	-	-
4, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	31	-	-	-	-
6, 8, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	29			-		30		30	38	-	-	-	-
7, MINT CLOSE, CASULA NSW 2170	Residential	59	54	54	53	63	65	27			-		30		30	38	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	30			-		30		30	30	-	-	-	-
14, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	38	-	-	-	-
16, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	33	-	-	-	-
6, DAHLIA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-		30		30	38	-	-	-	-
39, TEMORA STREET, 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	30	-	-	-	-
5, SAN MARINO DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	30	-	-	-	-
8, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	30	-	-	-	-
70, 74, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-		30		30	38	-	-	-	-
8, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	26			-		30		30	38	-	-	-	-
14, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	33	-	-	-	-
20, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	33	-	-	-	-
5, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	25			-		30		30	38	-	-	-	-
5, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	30			-		30		30	38	-	-	-	-
8, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	29			-		30		30	38	-	-	-	-
23, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	33	-	-	-	-
19, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-		30		30	38	-	-	-	-
7, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	27			-		30		30	38	-	-	-	-
12, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	32	-	-	-	-
245, WONGA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	30			-		30		30	37	-	-	-	-
35, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		30		30	38	-	-	-	-
51, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	30			-		30		30	32	-	-	-	-
10, MELALEUCA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	30			-		30		30	37	-	-	-	-
38, 46, BERNERA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	30			-		30		30	30	-	-	-	-
13, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		29		29	32	-	-	-	-
3, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		29		29	34	-	-	-	-
37, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		29		29	37	-	-	-	-
55, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-		29		29	32	-	-	-	-
7, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	25			-		29		29	37	-	-	-	-
17, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-		29		29	37	-	-	-	-
28 B, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-		29		29	37	-	-	-	-
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	27			-		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
2, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	37	-	-	-	-
25, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	32	-	-	-	-
33, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	37	-	-	-	-
6, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	27			-			29			29	37	-	-	-	-
8, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-			29			29	37	-	-	-	-
218, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	36	-	-	-	-
41, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	33	-	-	-	-
5, REGINALD PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-			29			29	37	-	-	-	-
3, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	25			-			29			29	37	-	-	-	-
34, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	37	-	-	-	-
53, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	32	-	-	-	-
12, ROWAN PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	37	-	-	-	-
14, FIGTREE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	37	-	-	-	-
34, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	30	-	-	-	-
45, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	37	-	-	-	-
6, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	30	-	-	-	-
5, MOLISE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	29	-	-	-	-
30, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	33	-	-	-	-
11 A, MONTELLA PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	32	-	-	-	-
3, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-			29			29	37	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	29			-			29			29	29	-	-	-	-
29, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-			29			29	37	-	-	-	-
13, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	29			-			29			29	37	-	-	-	-
39, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-			29			29	37	-	-	-	-
50, MAPLE ROAD, CASULA NSW 2170	Residential	59	54	54	53	63	65	26			-			29			29	37	-	-	-	-
175, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	30	-	-	-	-
58, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-			29			29	37	-	-	-	-
9, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-			29			29	37	-	-	-	-
23, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	29	-	-	-	-
47, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	29			-			29			29	32	-	-	-	-
19, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	24			-			29			29	37	-	-	-	-
27, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-			29			29	37	-	-	-	-
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	27			-			29			29	37	-	-	-	-
4, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-			29			29	37	-	-	-	-
129, DALMENY DRIVE, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	29			-			29			29	29	-	-	-	-
9, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-			29			29	37	-	-	-	-
14, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	31	-	-	-	-
9, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	29			-			29			29	32	-	-	-	-
15, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-			28			28	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
11, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	25			-		28		28	36	-	-	-	-
17, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		28		28	36	-	-	-	-
28, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		28		28	29	-	-	-	-
27, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	28	-	-	-	-
31, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	33	-	-	-	-
44, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	32	-	-	-	-
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		28		28	36	-	-	-	-
212, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		28		28	36	-	-	-	-
216, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		28		28	36	-	-	-	-
220, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		28		28	36	-	-	-	-
220, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		28		28	36	-	-	-	-
222, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		28		28	36	-	-	-	-
260, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	32	-	-	-	-
55, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	36	-	-	-	-
6, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	36	-	-	-	-
15, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		28		28	36	-	-	-	-
17, CHERRY PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		28		28	36	-	-	-	-
21, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	26			-		28		28	36	-	-	-	-
4, SHORTLAND AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		28		28	36	-	-	-	-
48, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	32	-	-	-	-
20, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		28		28	30	-	-	-	-
21, MILAN STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		28		28	28	-	-	-	-
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		28		28	36	-	-	-	-
34, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		28		28	36	-	-	-	-
8, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		28		28	30	-	-	-	-
47, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	27			-		28		28	36	-	-	-	-
59, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	35	-	-	-	-
6, SHORTLAND AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	26			-		28		28	36	-	-	-	-
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		28		28	36	-	-	-	-
51, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	31	-	-	-	-
69, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	36	-	-	-	-
8, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	31	-	-	-	-
3, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	25			-		28		28	36	-	-	-	-
15, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	28	-	-	-	-
25, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	28	-	-	-	-
17, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	34	-	-	-	-
27, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	32	-	-	-	-
65, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	36	-	-	-	-
5, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-		28		28	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
7, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-		28		28	35	-	-	-	-
24, SIENA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	28	-	-	-	-
26, VENEZIA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	36	-	-	-	-
4, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	35	-	-	-	-
7, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	32	-	-	-	-
12, CHIANTI PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-		28		28	36	-	-	-	-
7, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-		28		28	35	-	-	-	-
8, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	31	-	-	-	-
6, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	28			-		28		28	35	-	-	-	-
22, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	34	-	-	-	-
6, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	31	-	-	-	-
3, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	25			-		28		28	36	-	-	-	-
5, UMBRIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		28		28	30	-	-	-	-
3, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	28			-		28		28	32	-	-	-	-
187, ASH ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	28			-		28		28	30	-	-	-	-
22, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-		28		28	36	-	-	-	-
13, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	31	-	-	-	-
9, CHESTNUT CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	35	-	-	-	-
14, ROMANA SQUARE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-		27		27	29	-	-	-	-
19, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	25			-		27		27	35	-	-	-	-
10, LOMBARDO STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	28	-	-	-	-
230, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	24			-		27		27	35	-	-	-	-
5, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	33	-	-	-	-
27, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	29	-	-	-	-
18, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	34	-	-	-	-
6, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	30	-	-	-	-
224, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	23			-		27		27	35	-	-	-	-
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	25			-		27		27	35	-	-	-	-
7, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	25			-		27		27	35	-	-	-	-
43, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		27		27	35	-	-	-	-
8, ACRI STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	27			-		27		27	30	-	-	-	-
2, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	30	-	-	-	-
3, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	30	-	-	-	-
3, PROGRESS CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	27			-		27		27	33	-	-	-	-
70, 74, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	25			-		27		27	35	-	-	-	-
6, TEMORA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	27	-	-	-	-
32, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	30	-	-	-	-
8, TEAK WAY, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	27			-		27		27	34	-	-	-	-
24, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	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
5, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	24			-		26		26	34		-	-	-	-
17, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	26			-		26		26	34		-	-	-	-
37, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		26		26	33		-	-	-	-
9, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	24			-		26		26	34		-	-	-	-
32, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	32		-	-	-	-
70, 74, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		26		26	34		-	-	-	-
9, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	24			-		26		26	34		-	-	-	-
3, SLOE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	24			-		26		26	34		-	-	-	-
42, MANILDRA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	26			-		26		26	33		-	-	-	-
7, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22			-		26		26	34		-	-	-	-
11, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	25			-		26		26	34		-	-	-	-
16, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	29		-	-	-	-
18, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	34		-	-	-	-
1, SUPPLY AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	23			-		26		26	34		-	-	-	-
1, SUPPLY AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	23			-		26		26	34		-	-	-	-
2, SHORTLAND AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	24			-		26		26	34		-	-	-	-
210, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	23			-		26		26	34		-	-	-	-
10, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	29		-	-	-	-
216, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	23			-		26		26	34		-	-	-	-
30, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	29		-	-	-	-
8, MESSINA CIRCUIT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	27		-	-	-	-
3, BARCELONA DRIVE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	33		-	-	-	-
59, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	26			-		26		26	28		-	-	-	-
15, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	26			-		26		26	28		-	-	-	-
70, 74, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	26			-		26		26	29		-	-	-	-
8, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	25			-		26		26	34		-	-	-	-
16, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	24			-		25		25	33		-	-	-	-
10, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	24			-		25		25	33		-	-	-	-
13, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	23			-		25		25	33		-	-	-	-
258, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	25			-		25		25	31		-	-	-	-
16 A, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	24			-		25		25	33		-	-	-	-
1, SUPPLY AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	23			-		25		25	33		-	-	-	-
25, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	23			-		25		25	33		-	-	-	-
9, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	24			-		25		25	33		-	-	-	-
13, INCENSE PLACE, CASULA NSW 2170	Residential	59	54	54	53	63	65	24			-		25		25	33		-	-	-	-
3, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22			-		25		25	33		-	-	-	-
4, JUNIPER PLACE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	25			-		25		25	28		-	-	-	-
50, ROSEWOOD AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	24			-		25		25	33		-	-	-	-
17, BO TREE PLACE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	24			-		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			
		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, BARCELONA DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	24	-	25	25	33	-	-	-	-
11, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	23	-	25	25	33	-	-	-	-
3, APPLÉGUM PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	25	-	25	25	32	-	-	-	-
12, PROGRESS CIRCUIT, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	25	-	25	25	31	-	-	-	-
33, BARCELONA DRIVE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	23	-	25	25	33	-	-	-	-
9, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
12, MACADAMIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	23	-	24	24	32	-	-	-	-
29, LYN PARADE, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	24	-	24	24	32	-	-	-	-
236, WONGA ROAD, LURNEA NSW 2170		Residential	56	51	50	44	55	65	24	-	24	24	30	-	-	-	-
30, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	23	-	24	24	32	-	-	-	-
5, OAK STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	21	-	24	24	32	-	-	-	-
10, ENTERPRISE CIRCUIT, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	23	-	24	24	32	-	-	-	-
218, WONGA ROAD, LURNEA NSW 2170		Residential	56	51	50	44	55	65	24	-	24	24	31	-	-	-	-
42, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	22	-	24	24	32	-	-	-	-
18, ROWAN PLACE, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	24	-	24	24	32	-	-	-	-
28, SIENA CLOSE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	24	-	24	24	25	-	-	-	-
5, REGINALD PLACE, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	23	-	24	24	32	-	-	-	-
11, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	24	-	24	24	32	-	-	-	-
21 MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	23	-	24	24	32	-	-	-	-
256, WONGA ROAD, LURNEA NSW 2170		Residential	56	51	50	44	55	65	22	-	24	24	32	-	-	-	-
5, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	24	-	24	24	28	-	-	-	-
2, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	23	-	24	24	32	-	-	-	-
262, WONGA ROAD, LURNEA NSW 2170		Residential	56	51	50	44	55	65	20	-	24	24	32	-	-	-	-
8, UMBRIA STREET, PRESTONS NSW 2170		Residential	59	54	54	53	63	65	24	-	24	24	27	-	-	-	-
23, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	21	-	24	24	32	-	-	-	-
27, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	22	-	24	24	32	-	-	-	-
28, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	21	-	24	24	32	-	-	-	-
7, ENTERPRISE CIRCUIT, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	24	-	24	24	30	-	-	-	-
23, WILLIAM MAHONEY STREET, PRESTONS NSW 2170		Recreational - Passive	60	60	60	60	None	None	22	-	24	24	32	-	-	-	-
31, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	21	-	24	24	32	-	-	-	-
4, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	22	-	24	24	32	-	-	-	-
8, MYRTLE STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	24	-	24	24	27	-	-	-	-
2, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	21	-	23	23	31	-	-	-	-
2, OAK STREET, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	22	-	23	23	31	-	-	-	-
20, ENTERPRISE CIRCUIT, PRESTONS NSW 2170		Industrial	75	75	75	75	None	None	22	-	23	23	31	-	-	-	-
28, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	22	-	23	23	31	-	-	-	-
6, CEDAR ROAD, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	21	-	23	23	31	-	-	-	-
46, GREVILLEA CRESCENT, PRESTONS NSW 2170		Residential	56	51	50	44	55	65	22	-	23	23	31	-	-	-	-
266, WONGA ROAD, LURNEA NSW 2170		Residential	56	51	50	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			
		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, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	20	-	23	23	31	-	-	-	-	
22, 24, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	23	-	23	23	31	-	-	-	-	
238, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	21	-	23	23	31	-	-	-	-	
262, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	23	23	31	-	-	-	-	
8, CEDAR ROAD, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22	-	23	23	31	-	-	-	-	
8, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	21	-	23	23	31	-	-	-	-	
24, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	23	23	31	-	-	-	-	
266, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	23	-	23	23	31	-	-	-	-	
40, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	23	-	23	23	30	-	-	-	-	
70, 74, JEDDA ROAD, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	23	-	23	23	30	-	-	-	-	
13, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	23	-	23	23	27	-	-	-	-	
24, PADUA CLOSE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22	-	22	22	24	-	-	-	-	
264, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-	
36, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-	
7, GASCOGNE STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	22	-	22	22	30	-	-	-	-	
26, MACADAMIA STREET, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	21	-	22	22	30	-	-	-	-	
242, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
58, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
6, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22	-	22	22	27	-	-	-	-	
10, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	22	-	22	22	29	-	-	-	-	
29, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-	
31, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
6, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22	-	22	22	30	-	-	-	-	
252, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
35, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	21	-	22	22	30	-	-	-	-	
52, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
22, 24, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	21	-	22	22	30	-	-	-	-	
256, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
256, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
250, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
254, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
7, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	22	-	22	22	29	-	-	-	-	
21, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
6, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	22	-	22	22	27	-	-	-	-	
248, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
51, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	22	-	22	22	27	-	-	-	-	
54, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
246, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	22	22	30	-	-	-	-	
9, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	21	-	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			
		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, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-	
11, ACACIA AVENUE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	21	-	21	21	26	-	-	-	-	
234, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	21	21	29	-	-	-	-	
41, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	21	21	29	-	-	-	-	
21, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-	
39, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	21	21	29	-	-	-	-	
43, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	21	21	29	-	-	-	-	
33, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	21	21	29	-	-	-	-	
4, OAK STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	21	-	21	21	29	-	-	-	-	
65, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
37, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
49, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
41, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
45, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
12, ACACIA AVENUE, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	23	-	-	-	-	
34, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-	
64, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-	
39, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
34, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	27	-	-	-	-	
53, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
57, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-	
83, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	27	-	-	-	-	
93, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	27	-	-	-	-	
230, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	26	-	-	-	-	
51, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-	
59, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
73, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	27	-	-	-	-	
75, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	27	-	-	-	-	
79, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	27	-	-	-	-	
43, CEDAR ROAD, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	19	-	20	20	28	-	-	-	-	
240, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	28	-	-	-	-	
62, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	27	-	-	-	-	
68, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	20	20	28	-	-	-	-	
89, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	26	-	-	-	-	
89, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	27	-	-	-	-	
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	20	-	20	20	26	-	-	-	-	
73, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	20	-	20	20	26	-	-	-	-	
18, ENTERPRISE CIRCUIT, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	19	-	20	20	28	-	-	-	-	
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	19	-	20	20	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			
		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, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
49, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
67, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
77, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	26	-	-	-	-			
97, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
56, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
61, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	19	19	27	-	-	-	-			
66, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
66, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
81, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	26	-	-	-	-			
62, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
64, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
68, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
71, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	26	-	-	-	-			
81, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	26	-	-	-	-			
87, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	25	-	-	-	-			
4, SHORTLAND AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	25	-	-	-	-			
63, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
91, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	27	-	-	-	-			
50, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	24	-	-	-	-			
67, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	26	-	-	-	-			
85, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	26	-	-	-	-			
58, GREVILLEA CRESCENT, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	24	-	-	-	-			
59, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	22	-	-	-	-			
63, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	19	-	19	19	26	-	-	-	-			
69, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	26	-	-	-	-			
234, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	25	-	-	-	-			
224, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	25	-	-	-	-			
3, SHORTLAND AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	25	-	-	-	-			
95, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	25	-	-	-	-			
71, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	26	-	-	-	-			
29, LYN PARADE, PRESTONS NSW 2170	Industrial	75	75	75	75	None	None	18	-	18	18	24	-	-	-	-			
95, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	25	-	-	-	-			
93, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	25	-	-	-	-			
97, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	24	-	-	-	-			
3, SHORTLAND AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	24	-	-	-	-			
53, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	18	-	18	18	24	-	-	-	-			
258, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	17	-	17	17	25	-	-	-	-			
262, WONGA ROAD, LURNEA NSW 2170	Residential	56	51	50	44	55	65	16	-	17	17	25	-	-	-	-			

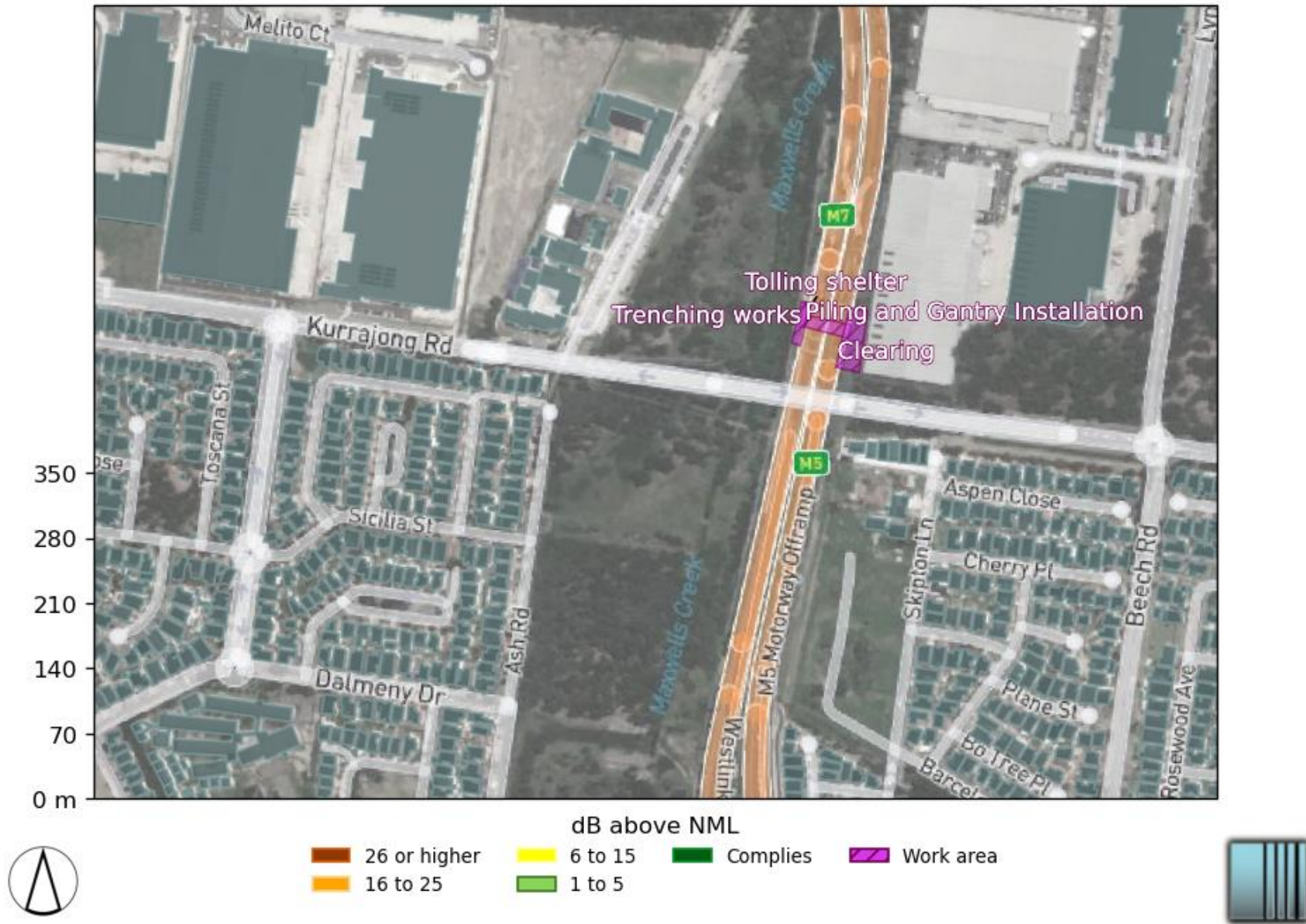
Receiver	Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax		Additional mitigation				
	Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
	79, BLIGH AVENUE, LURNEA NSW 2170	Residential	56	51	50	44	55	65	17	-	17	17	22	-	-	-	-

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 – Construction Noise and Vibration Impact Statement (Cumulative)

31 May 2024

2024-05-31_TN188-04 ITS Gantry Installation N Kurrajong Road - ID TN188_985.docx

John Holland

Rachel Gray

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From: Renzo Tonin and Associates via Gatewave

Calculation scenario: **ITS Gantry Installation N Kurrajong Road Cumulative Assessment** (Gatewave ID TN188_985)

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 L_w 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		
Clearing								
Light vehicles	-	-	1	1	89	100	-	-
Tipper	-	-	1	1	103	111	-	-
Excavator - 7t rubber wheeled	-	-	1	1	98	103	-	-
Hand tools	-	-	1	1	107	111	-	-
40T Franna Crane	1	-	1	1	100	106	-	-
Light vehicles	1	-	1	1	89	100	-	-
Concrete pump	1	-	1	1	103	107	-	-
Concrete Agi	1	-	1	1	108	111	-	-
Tipper	1	-	1	1	103	111	-	-
Tipper	1	-	1	1	103	111	-	-
Excavator w bucket (25t)	1	-	1	1	103	108	-	-
Spray seal truck	1	-	1	-	106	111	-	-
Skid steer / Bobcat (10T)	1	-	1	-	104	109	-	-
Tipper	1	-	1	-	103	111	-	-
Piling and Gantry Installation								
40T Franna Crane	-	-	1	1	100	106	-	-
Mobile crane (20t-250t)	-	-	1	1	104	108	-	-
Hand tools	-	-	1	1	107	111	-	-
Concrete pump	-	-	1	1	103	107	-	-
Concrete truck	-	-	1	1	108	111	-	-
Piling Rig - bored	-	-	1	1	107	116	-	-
Tipper	-	-	1	1	103	111	-	-
Light vehicles	-	-	1	1	89	100	-	-
Trenching works								
Light vehicles	1	-	-	-	89	100	-	-
Tipper	1	-	-	-	103	111	-	-
Excavator w bucket (13t)	1	-	-	-	103	108	-	-
Hand tools	1	-	-	-	107	111	-	-
Light vehicles	1	-	-	-	89	100	-	-
Tipper	1	-	-	-	103	111	-	-
Excavator - 7t rubber wheeled	1	-	-	-	98	103	-	-
Hand tools	1	-	-	-	107	111	-	-
Excavator w bucket (13t)	1	-	1	1	103	108	-	-
Delivery truck	1	-	1	1	106	111	-	-

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		
Truck and Dog	1	-	1	1	106	111	-	-
Tipper	1	-	1	1	103	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Compactor / Wacker packer	1	-	1	1	108	110	-	-
Roller (2t) - low vibration mode	1	-	1	1	111	110	Yes	-
Tolling shelter								
40T Franna Crane	1	-	1	1	100	106	-	-
Excavator w bucket (5t)	1	-	1	-	103	108	-	-
Concrete truck	1	-	1	-	108	111	-	-
Excavator w bucket (5t)	1	-	1	1	103	108	-	-
Delivery truck	1	-	1	1	106	111	-	-
Tipper	1	-	1	1	103	111	-	-
Truck and Dog	1	-	1	1	106	111	-	-
Delivery truck	1	-	1	1	106	111	-	-
Light vehicles	1	-	1	1	89	100	-	-
Compactor / Wacker packer	1	-	1	1	108	110	-	-
Roller (2t) - low vibration mode	1	-	1	1	111	110	Yes	-
Structures Civil Work Scope (Day, Evening and Night)								
40T Franna Crane	1	1	1	1	100	106	-	-
Asphalt paver	1	1	1	1	102	106	-	-
Compactor / Wacker packer	1	1	1	1	108	110	-	-
Concrete / road / rail saw	1	1	1	1	124	123	Yes	-
Concrete Agi	1	1	1	1	108	111	-	-
Concrete corer	1	1	1	1	113	116	-	-
Concrete pump	1	1	1	1	103	107	-	-
Delivery truck	1	1	1	1	106	111	-	-
Dump truck	1	1	1	1	106	111	-	-
Excavator - 20t rubber wheeled	1	1	1	1	103	107	-	-
Front end loader	1	1	1	1	110	115	-	-
Hand tools	1	1	1	1	107	111	-	-
Generator	1	1	1	1	94	95	-	-
Haulage trucks	1	1	1	1	106	111	-	-
Hydrodemolition robot	1	1	1	1	130	130	Yes	-

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		
Jackhammer	1	1	1	1	120	120	Yes	-
Light vehicles	1	1	1	1	89	100	-	-
Lighting tower	1	1	1	1	99	102	-	-
Line marking activity - Pozi with Polyplaner Attachment	1	1	1	1	106	107	-	-
Line marking activity - waterblasting line removal	1	1	1	1	111	112	-	-
Line marking truck	1	1	1	1	104	111	-	-
Mobile crane (250t-750t)	1	1	1	1	106	110	-	-
Piling Rig - bored	1	1	1	1	107	116	-	-
Pressure washer (120Mpa and Nozzel 0.5mm)	1	1	1	1	119	121	-	-
Pump	1	1	1	1	104	107	-	-
Road profiler	1	1	1	1	110	112	Yes	-
Skid steer / Bobcat (10T)	1	1	1	1	104	109	-	-
Smooth drum roller (13t) - high vibration mode	1	1	1	1	114	113	Yes	-
SPMT	1	1	1	1	106	110	-	-
Spray seal truck	1	1	1	1	106	111	-	-
Street sweeper	1	1	1	1	107	111	-	-
Telehandler / Franna crane (20t)	1	1	1	1	99	103	-	-
Tipper	1	1	1	1	103	111	-	-
Vacuum truck	1	1	1	1	107	111	-	-
Water cart	1	1	1	1	104	107	-	-
Welding tools /oxy	1	1	1	1	102	105	-	-

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. Results are presented visually in noise maps in APPENDIX B.

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_NCA01	0 to 10	45	0 to 5	190	0 to 5	176	0 to 5	48
	> 10	0	5 to 15	44	5 to 15	81	5 to 15	273
	Over 75 dB(A)	0	15 to 25	0	15 to 25	0	15 to 25	3
			> 25	0	> 25	0	> 25	0
M7_NCA06	0 to 10	234	0 to 5	273	0 to 5	288	0 to 5	266
	> 10	0	5 to 15	234	5 to 15	234	5 to 15	288
	Over 75 dB(A)	8	15 to 25	26	15 to 25	26	15 to 25	33
			> 25	0	> 25	0	> 25	0
M7_NCA05	0 to 10	212	0 to 5	154	0 to 5	160	0 to 5	63
	> 10	0	5 to 15	212	5 to 15	236	5 to 15	309
	Over 75 dB(A)	0	15 to 25	1	15 to 25	3	15 to 25	107
			> 25	0	> 25	0	> 25	0
Childcare	0 to 10	0	0 to 5	0	0 to 5	0	0 to 5	0
	> 10	0	5 to 15	0	5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25	0	15 to 25	0	15 to 25	0
			> 25	0	> 25	0	> 25	0
Recreational - Active	0 to 10	0	0 to 5	0	0 to 5	0	0 to 5	0
	> 10	0	5 to 15	0	5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25	0	15 to 25	0	15 to 25	0
			> 25	0	> 25	0	> 25	0
Industrial	0 to 10	0	0 to 5	0	0 to 5	0	0 to 5	0
	> 10	0	5 to 15	0	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
Recreational - Passive	Over 75 dB(A)	0	15 to 25	0	15 to 25	0	15 to 25	0
			> 25	0	> 25	0	> 25	0
	0 to 10	1	0 to 5	1	0 to 5	1	0 to 5	1
	> 10	0	5 to 15	0	5 to 15	0	5 to 15	0
	Over 75 dB(A)	0	15 to 25	0	15 to 25	0	15 to 25	0
			> 25	0	> 25	0	> 25	0
	0 to 10	7	0 to 5	5	0 to 5	5	0 to 5	5
	> 10	0	5 to 15	8	5 to 15	8	5 to 15	8
Educational	Over 75 dB(A)	0	15 to 25	0	15 to 25	0	15 to 25	0
			> 25	0	> 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
Piling Rig - bored	RTA CRANE_024	10	5	20	10
Compactor / Wacker packer	RTA COMPAC_007	5	5	15	5
Roller (2t) - low vibration mode		5	5	15	5
Jackhammer		5	5	20	10
Smooth drum roller (13t) - high vibration mode	RTA ROLLER_009	15	5	75	30

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 Specific reasonable and feasible mitigation measures

JHG will adopt the following noise mitigation measures to minimise the impact of noise to sensitive receivers proximal to the works, these include:

- Avoid shouting, slamming doors, dropping materials from height.
- Non-tonal squawkers only.
- All vehicles to switch off engines when not in use.
- Community notification.
- Only approved equipment will be used to complete the planned works.
- Only approved works as to be undertaken.

4.3.2 Additional noise mitigation measures

In accordance with the CNVG, where, after application of all reasonable and feasible mitigation measures, the $L_{Aeq(15\text{minute})}$ 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: 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 OOHWS 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 OOHWS 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.

4.3.3 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_NCA01	39, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	60	60	60	60	60
M7_NCA01	23, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	60	60	60	60	60
M7_NCA01	37, TOSCANA STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	60	60	60	60	60
M7_NCA06	8 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	85	85	85	85	85
M7_NCA06	6 B, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	81	81	81	81	81
M7_NCA06	6 A, SKIPTON LANE, PRESTONS NSW 2170	Residential	59	54	54	53	63	65	81	81	81	81	81

Receiver			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_NCA05	40, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	68	68	68	68	68
M7_NCA05	38, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	66	66	66	66	66
M7_NCA05	71, MYRTLE STREET, PRESTONS NSW 2170	Residential	56	51	50	44	55	65	66	66	66	66	66
Childcare	14, SKIPTON LANE, PRESTONS NSW 2170	Childcare	50	50	50	50	None	None	78	78	78	78	78
Recreational - Passive	5, WILLIAM MAHONEY STREET, PRESTONS NSW 2170	Recreational - Passive	60	60	60	60	None	None	61	61	61	61	61
Educational	163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	68	68	68	68	68

Receiver			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
Educational	163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	67	67	67	67	67
Educational	163, KURRAJONG ROAD, PRESTONS NSW 2170	Educational	55	55	55	55	None	None	67	67	67	67	67

4.3.4 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: Clearing

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Clearing								
Light vehicles	-	1	100%	0	89	100	2024-04-15 18:00:00	2024-04-16 06:00:00
Tipper	-	1	100%	0	103	111	2024-04-15 18:00:00	2024-04-16 06:00:00
Excavator - 7t rubber wheeled	-	1	100%	0	98	103	2024-04-15 18:00:00	2024-04-16 06:00:00
Hand tools	-	1	100%	0	107	111	2024-04-15 18:00:00	2024-04-16 06:00:00
Earthworks and drainage works								
40T Franna Crane	-	1	100%	0	100	106	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Concrete pump	-	1	100%	0	103	107	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Concrete Agi	-	1	100%	0	108	111	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Tipper	-	1	100%	0	103	111	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Tipper	-	1	100%	0	103	111	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 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}		
Excavator w bucket (25t)	-	1	100%	0	103	108	2024-05-13 07:00:00	2024-05-13 19:00:00
							2024-05-13 19:00:00	2024-05-14 07:00:00
Landscaping								
Spray seal truck	-	1	100%	0	106	111	2024-05-17 07:00:00	2024-05-17 19:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-05-17 07:00:00	2024-05-17 19:00:00
Tipper	-	1	100%	0	103	111	2024-05-17 07:00:00	2024-05-17 19:00:00

Table 7: Plant and equipment schedule for work area: Piling and Gantry Installation

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Piling and Gantry Installation								
40T Franna Crane	-	1	100%	0	100	106	2024-05-01 19:00:00	2024-05-02 07:00:00
Mobile crane (20t-250t)	-	1	100%	0	104	108	2024-05-01 19:00:00	2024-05-02 07:00:00
Hand tools	-	1	100%	0	107	111	2024-05-01 19:00:00	2024-05-02 07:00:00
Concrete pump	-	1	100%	0	103	107	2024-05-01 19:00:00	2024-05-02 07:00:00
Concrete truck	-	1	100%	0	108	111	2024-05-01 19:00:00	2024-05-02 07:00:00
Piling Rig - bored	-	1	100%	0	107	116	2024-05-01 19:00:00	2024-05-02 07:00:00
Tipper	-	1	100%	0	103	111	2024-05-01 19:00:00	2024-05-02 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-05-01 19:00:00	2024-05-02 07:00:00

Table 8: Plant and equipment schedule for work area: Trenching works

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Trenching works								
Light vehicles	-	1	100%	0	89	100	2024-04-18 07:00:00	2024-04-18 18:00:00
Tipper	-	1	100%	0	103	111	2024-04-18 07:00:00	2024-04-18 18:00:00
Excavator w bucket (13t)	-	1	100%	0	103	108	2024-04-18 07:00:00	2024-04-18 18:00:00
Hand tools	-	1	100%	0	107	111	2024-04-18 07:00:00	2024-04-18 18:00:00
Clearing								
Light vehicles	-	1	100%	0	89	100	2024-04-23 07:00:00	2024-04-23 18:00:00
Tipper	-	1	100%	0	103	111	2024-04-23 07:00:00	2024-04-23 18:00:00
Excavator - 7t rubber wheeled	-	1	100%	0	98	103	2024-04-23 07:00:00	2024-04-23 18:00:00
Hand tools	-	1	100%	0	107	111	2024-04-23 07:00:00	2024-04-23 18:00:00
Drainage works								
Excavator w bucket (13t)	-	1	100%	0	103	108	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Delivery truck	-	1	100%	0	106	111	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Truck and Dog	-	1	100%	0	106	111	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Tipper	-	1	100%	0	103	111	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
Light vehicles	-	1	100%	0	89	100	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00
	-	1	100%	0	108	110	2024-04-29 07:00:00	2024-04-29 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							2024-04-29 19:00:00	2024-04-30 07:00:00
Roller (2t) - low vibration mode	5	1	100%	0	111	110	2024-04-29 07:00:00	2024-04-29 19:00:00
							2024-04-29 19:00:00	2024-04-30 07:00:00

Table 9: Plant and equipment schedule for work area: Tolling shelter

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Tolling Shelter								
40T Franna Crane	-	1	100%	0	100	106	2024-04-22 07:00:00	2024-04-22 19:00:00
							2024-04-22 19:00:00	2024-04-23 07:00:00
Concrete slab for tolling centre								
Excavator w bucket (5t)	-	1	100%	0	103	108	2024-04-30 07:00:00	2024-04-30 19:00:00
Concrete truck	-	1	100%	0	108	111	2024-04-30 07:00:00	2024-04-30 19:00:00
New ITS server from existing SUP into tolling shelter								
Excavator w bucket (5t)	-	1	100%	0	103	108	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Delivery truck	-	1	100%	0	106	111	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Tipper	-	1	100%	0	103	111	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Truck and Dog	-	1	100%	0	106	111	2024-04-24 07:15:00	2024-04-24 19:15:00

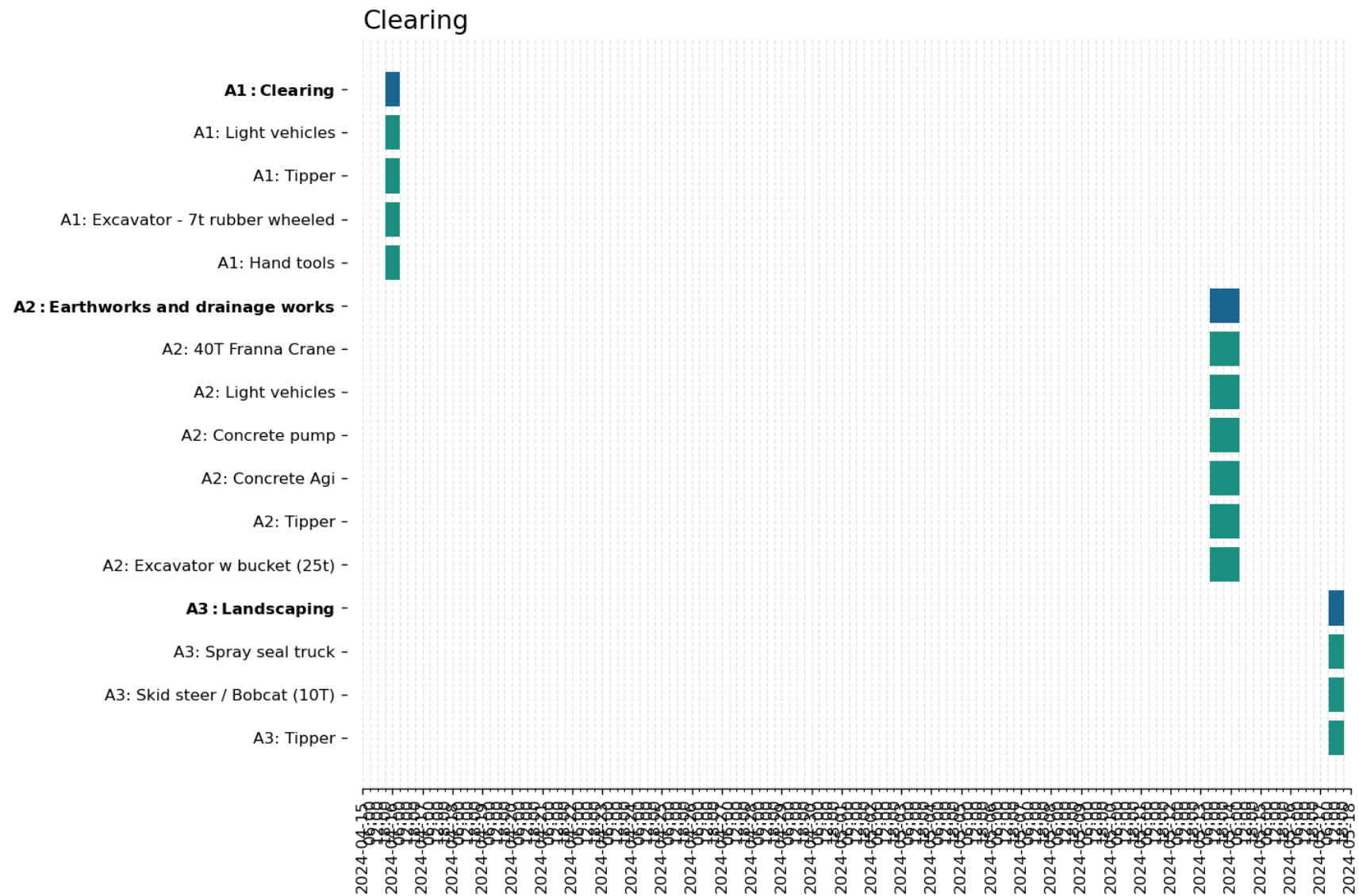
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Delivery truck	-	1	100%	0	106	111	2024-04-24 19:15:00	2024-04-25 07:15:00
							2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Light vehicles	-	1	100%	0	89	100	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Compactor / Wacker packer	-	1	100%	0	108	110	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00
Roller (2t) - low vibration mode	5	1	100%	0	111	110	2024-04-24 07:15:00	2024-04-24 19:15:00
							2024-04-24 19:15:00	2024-04-25 07:15:00

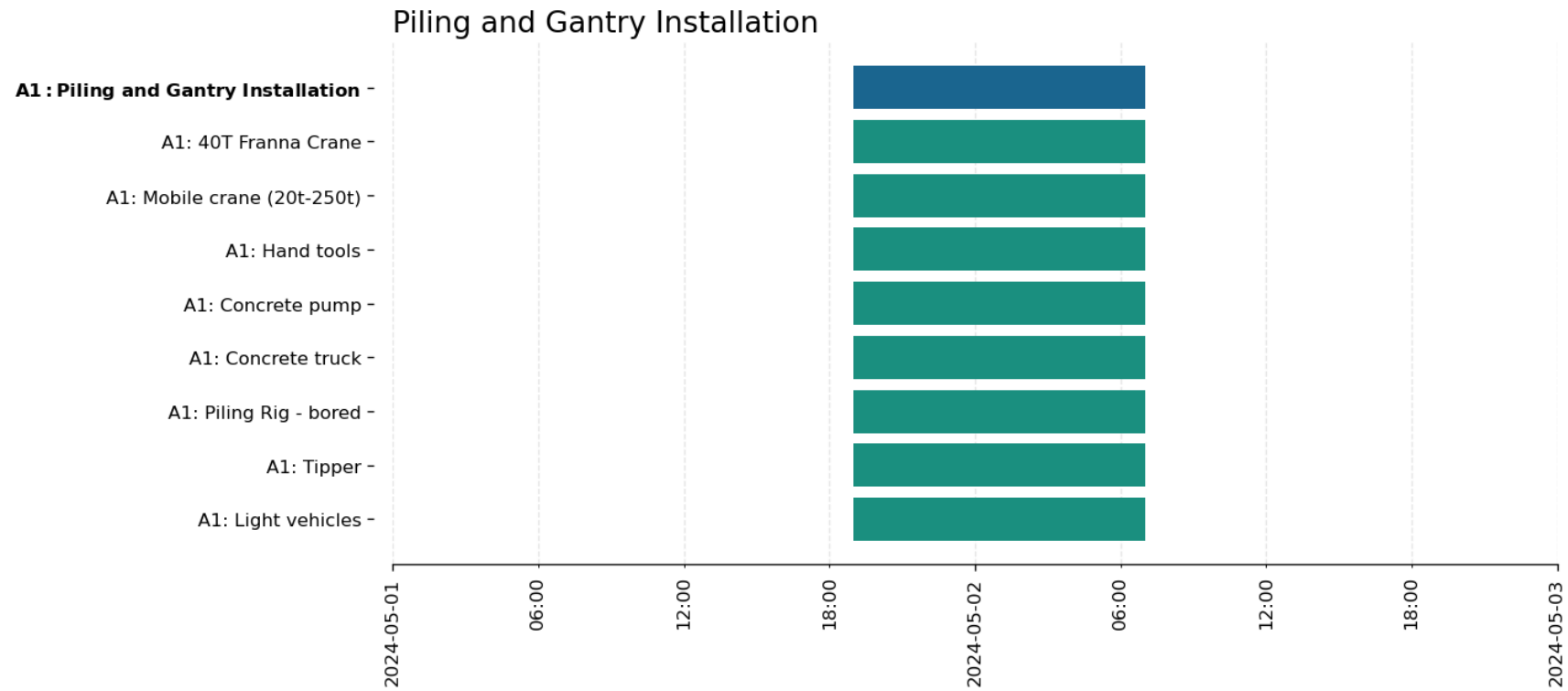
Table 10: Plant and equipment schedule for work area: Structures Civil Work Scope (Day, Evening and Night)

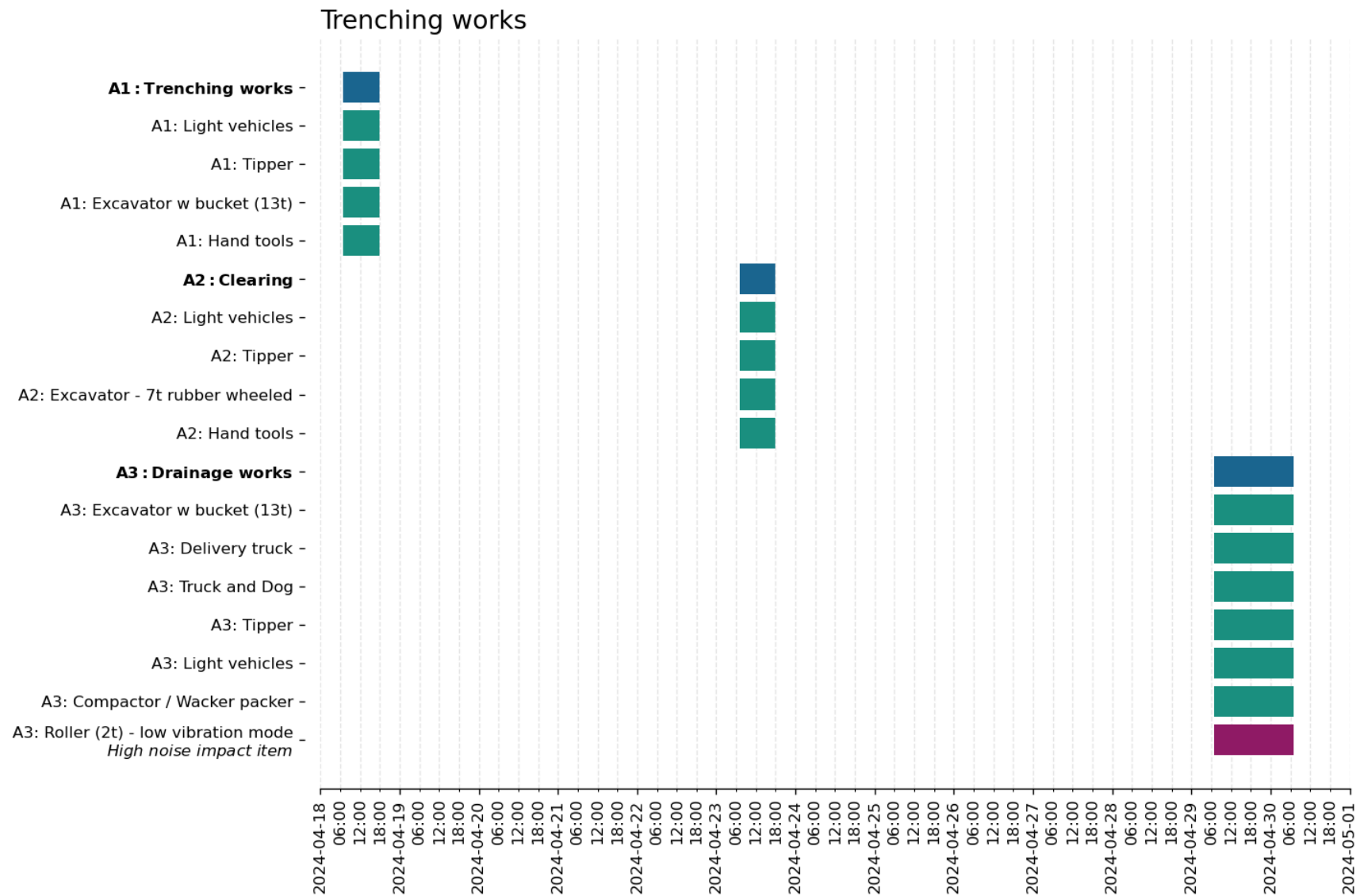
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Structures Civil Work Scope								
40T Franna Crane	-	1	100%	0	100	106	2024-04-15 18:00:00	2024-05-24 00:45:00
Asphalt paver	-	1	100%	0	102	106	2024-04-15 18:00:00	2024-05-24 00:00:00
Compactor / Wacker packer	-	1	100%	0	108	110	2024-04-15 18:00:00	2024-05-24 00:00:00
Concrete / road / rail saw	5	1	100%	0	124	123	2024-04-15 18:00:00	2024-05-23 22:45:00
Concrete Agi	-	1	100%	0	108	111	2024-04-15 18:00:00	2024-05-24 00:00:00
Concrete corer	-	1	100%	0	113	116	2024-04-15 18:00:00	2024-05-23 23:30:00

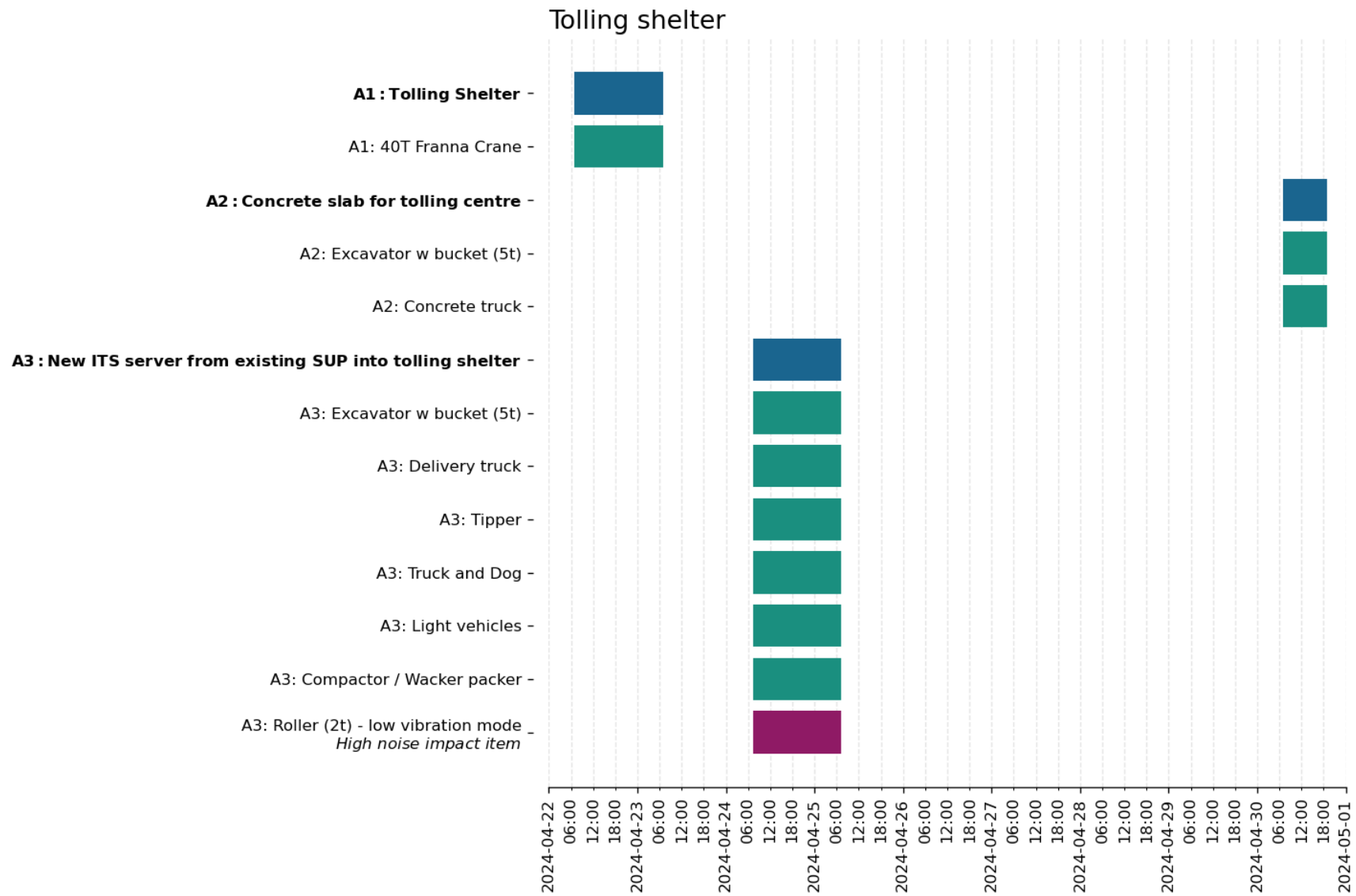
Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Concrete pump	-	1	100%	0	103	107	2024-04-15 18:00:00	2024-05-23 23:30:00
Delivery truck	-	1	100%	0	106	111	2024-04-15 18:00:00	2024-05-24 00:00:00
Dump truck	-	1	100%	0	106	111	2024-04-15 18:00:00	2024-05-24 00:00:00
Excavator - 20t rubber wheeled	-	1	100%	0	103	107	2024-04-15 18:00:00	2024-05-23 23:30:00
Front end loader	-	1	100%	0	110	115	2024-04-15 18:00:00	2024-05-24 00:00:00
Hand tools	-	1	100%	0	107	111	2024-04-15 18:00:00	2024-05-23 22:45:00
Generator	-	1	100%	0	94	95	2024-04-15 18:00:00	2024-05-24 00:00:00
Haulage trucks	-	1	100%	0	106	111	2024-04-15 18:00:00	2024-05-24 00:00:00
Hydrodemolition robot	5	1	100%	0	130	130	2024-04-15 18:00:00	2024-05-24 01:30:00
Jackhammer	5	1	100%	0	120	120	2024-04-15 18:00:00	2024-05-24 02:15:00
Light vehicles	-	1	100%	0	89	100	2024-04-15 18:00:00	2024-05-23 23:30:00
Lighting tower	-	1	100%	0	99	102	2024-04-15 18:00:00	2024-05-23 22:45:00
Line marking activity - Pozi with Polyplaner Attachment	-	1	100%	0	106	107	2024-04-15 18:00:00	2024-05-24 00:00:00
Line marking activity - waterblasting line removal	-	1	100%	0	111	112	2024-04-15 18:00:00	2024-05-23 23:30:00
Line marking truck	-	1	100%	0	104	111	2024-04-15 18:00:00	2024-05-23 22:45:00
Mobile crane (250t-750t)	-	1	100%	0	106	110	2024-04-15 18:00:00	2024-05-23 22:45:00
Piling Rig - bored	-	1	100%	0	107	116	2024-04-15 18:00:00	2024-05-23 21:15:00
Pressure washer (120Mpa and Nozzel 0.5mm)	-	1	100%	0	119	121	2024-04-15 18:00:00	2024-05-23 22:00:00
Pump	-	1	100%	0	104	107	2024-04-15 18:00:00	2024-05-23 22:45:00

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Road profiler	5	1	100%	0	110	112	2024-04-15 18:00:00	2024-05-24 00:00:00
Skid steer / Bobcat (10T)	-	1	100%	0	104	109	2024-04-15 18:00:00	2024-05-23 23:30:00
Smooth drum roller (13t) - high vibration mode	5	1	100%	0	114	113	2024-04-15 18:00:00	2024-05-23 21:15:00
SPMT	-	1	100%	0	106	110	2024-04-15 18:00:00	2024-05-23 23:30:00
Spray seal truck	-	1	100%	0	106	111	2024-04-15 18:00:00	2024-05-23 22:00:00
Street sweeper	-	1	100%	0	107	111	2024-04-15 18:00:00	2024-05-24 00:00:00
Telehandler / Franna crane (20t)	-	1	100%	0	99	103	2024-04-15 18:00:00	2024-05-23 22:00:00
Tipper	-	1	100%	0	103	111	2024-04-15 18:00:00	2024-05-23 23:30:00
Vacuum truck	-	1	100%	0	107	111	2024-04-15 18:00:00	2024-05-24 00:45:00
Water cart	-	1	100%	0	104	107	2024-04-15 18:00:00	2024-05-23 23:30:00
Welding tools /oxy	-	1	100%	0	102	105	2024-04-15 18:00:00	2024-05-23 22:45:00

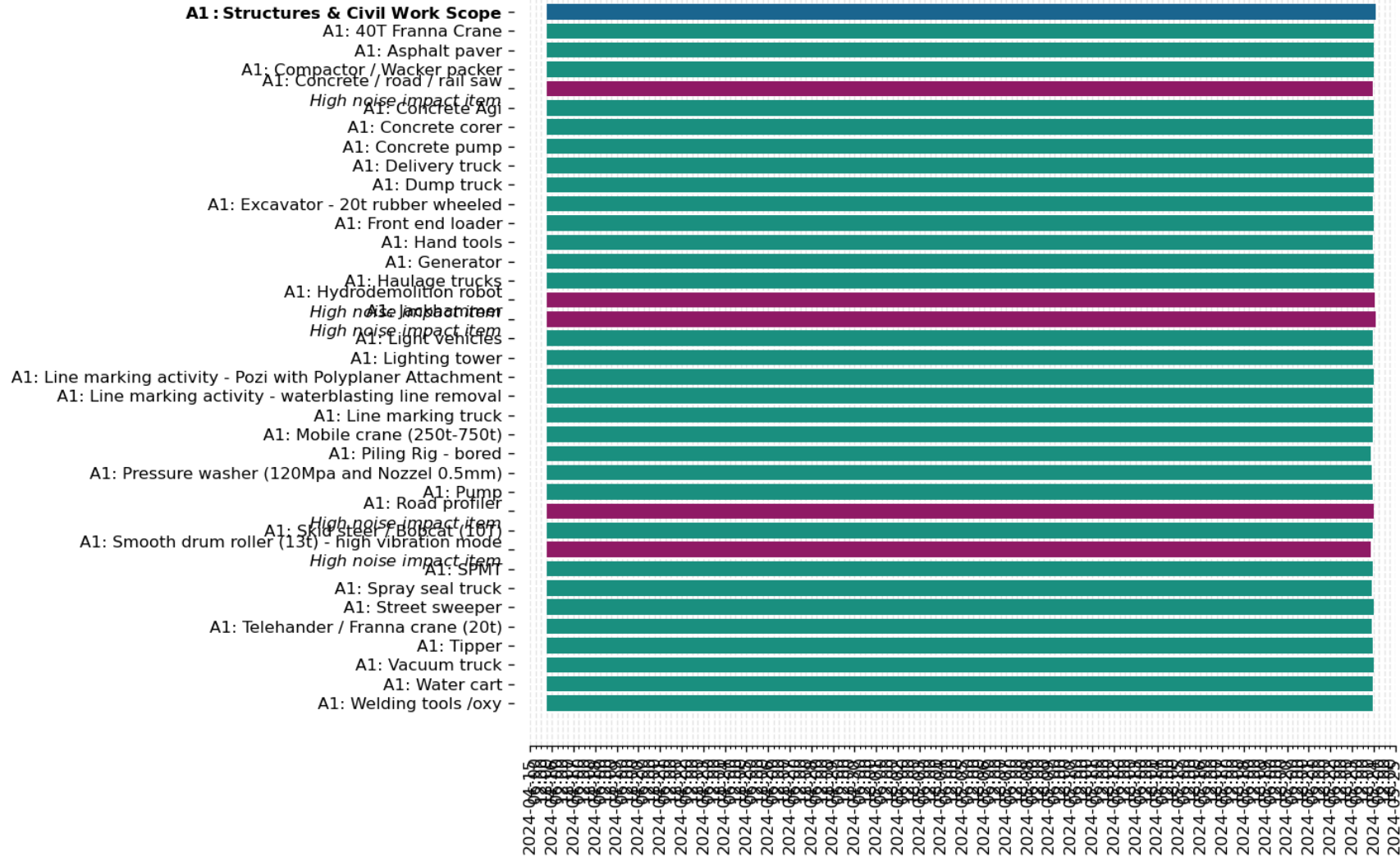








Structures & Civil Work Scope (Day, Evening and Night)



APPENDIX B 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)



Appendix E – Heritage Assessment

Rachel Gray-JHG

From: Jayden van Beek <Jayden.vanbeek@artefact.net.au>
Sent: Tuesday, 2 July 2024 12:59 PM
To: Rachel Gray-JHG
Cc: Julian Paul-JHG
Subject: RE: Heritage Desktop Assessment - Toll Gantry CA
Attachments: M7-M12 Toll Gantry CA Heritage Supporting Figures & Information.pdf

Hi Rachel,

Our revised desktop consistency assessment for the proposed toll gantry along the Westlink M7 approximately 50 metres north of Kurrajong Road, Prestons for the M7/M12 Integration Project is below. Supporting figures and information are attached.

It is understood that the proposed works would include clearing and grubbing, utility installation and relocation including drainage infrastructure works, piling and the installation of the gantry, cement slabs, and the tolling shelter. The area would also be used for material storage and laydown. The proposed works are within or adjacent to the approved construction boundary, and are within the approved operation boundary for the project.

Built heritage

A search of relevant statutory heritage registers, the Westlink M7 Widening Environmental Assessment Documentation, and the M7/M12 CCHMP has not identified any listed heritage items within 100m of the proposed works. As a result, the proposed works would not cause any impacts to heritage items.

Non-Aboriginal archaeology

A review of the Westlink M7 Widening Environmental Assessment Documentation, including the Non-Aboriginal Heritage Impact Assessment Report, has not identified any known areas of non-Aboriginal archaeological potential in the location of the proposed works. In addition, the proposed works would be located within and immediately adjacent to the existing road corridor, and it is expected that the construction of this would have heavily disturbed the area.

As a result, it is assessed that there is generally 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.

Aboriginal archaeology

A review of the Westlink M7 Widening Environmental Assessment Documentation, including the Aboriginal Cultural Heritage Stage 2 PACHCI Archaeological Report (the Aboriginal Archaeological Report), has identified three recorded Aboriginal sites within 100m of the proposed works: AHIMS ID 45-5-2800 (MC9), AHIMS ID 45-5-2302 (GP-CP2) and AHIMS ID 45-5-2709 (P-CP16). An extensive search of the AHIMS database undertaken on 23 April 2024 (Search ID 886188) confirmed that no new sites have been identified in this area. It is noted that the current location of AHIMS ID 45-5-2800 recorded on AHIMS is different to what is recorded in the Aboriginal Archaeological Report. However, this appears to be the result of an erroneous update to the site card in 2021, as the updated site card description and coordinates refer to the area around Bournda, NSW which is located more than 300km to the southwest. If the 2021 site card update for AHIMS ID 45-5-2800 is excluded, then the results of the recent AHIMS search is consistent with the Archaeological Report.

AHIMS ID 45-5-2800 (MC9) and AHIMS ID 45-5-2302 (GP-CP2) are both located more than 50m from the proposed works and would not be impacted. AHIMS ID 45-5-2709 (P-CP16) would be located within about 20m of the proposed drainage infrastructure works on the east side of the Westlink M7. AHIMS ID 45-5-2709 (P-CP16) is currently registered as a valid site on AHIMS. However, field investigations undertaken by AECOM in February 2024 as part of a consistency assessment for the Westlink M7 Widening (Transport for NSW, May

2024) determined that AHIMS ID 45-5-2709 (P-CP16) should be listed as destroyed. An Aboriginal Heritage Impact Permit (AHIMS permit #1637) was issued on 23 April 2003 with consent to destroy the site 'in the course of proposed corridor of the Western Sydney Orbital'. Overall, the proposed works would be limited to areas that are expected to have been subject to substantial ground disturbance associated with the construction of the Westlink M7. Therefore, it is assessed that there is generally nil potential for subsurface Aboriginal objects to be present.

As a result, it is concluded that no known and valid Aboriginal sites would be impacted by the proposed works (in accordance with CoA D32), and it is not expected that potential subsurface objects would be present.

Summary

Overall, it is assessed that the proposed works would not impact any listed heritage items or known Aboriginal or non-Aboriginal sites, and are not expected to impact any potential subsurface Aboriginal objects or significant non-Aboriginal archaeological remains. The proposed works are considered to be consistent with the existing project approvals.

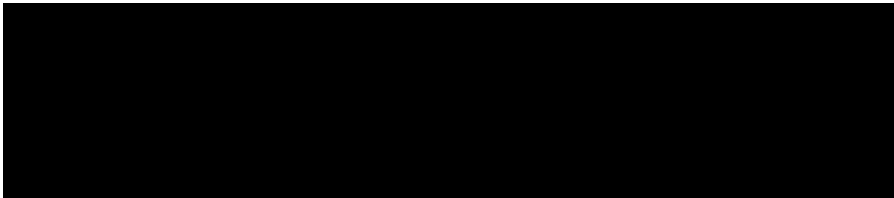
The works can proceed under the TfNSW Unexpected Heritage Items Procedure (2022), which would be implemented in accordance with CoA D34-D36.

As the known active Aboriginal sites would be located more than 50m from the proposed works, the passive avoidance management strategy outlined in the CCHMP would be sufficient. As AHIMS ID 45-5-2709 (P-CP16) is considered to be destroyed, no management measures are required.

If you have any questions regarding this assessment please let us know.

Thanks,

Jayden van Beek
Technical Specialist



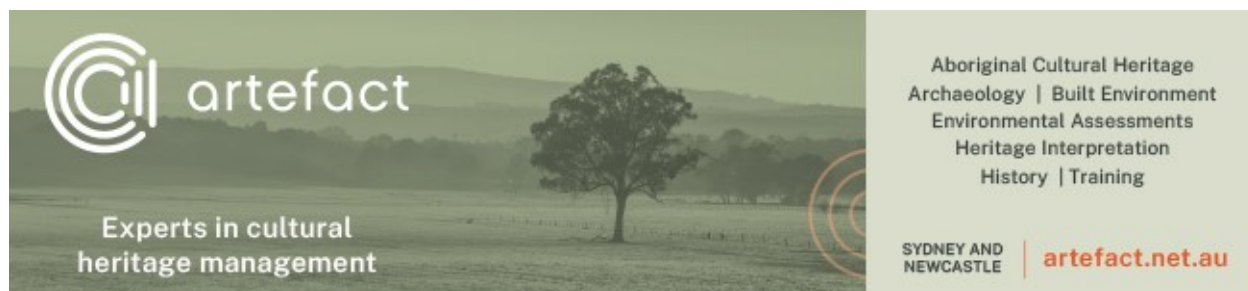
Planning and Assessment



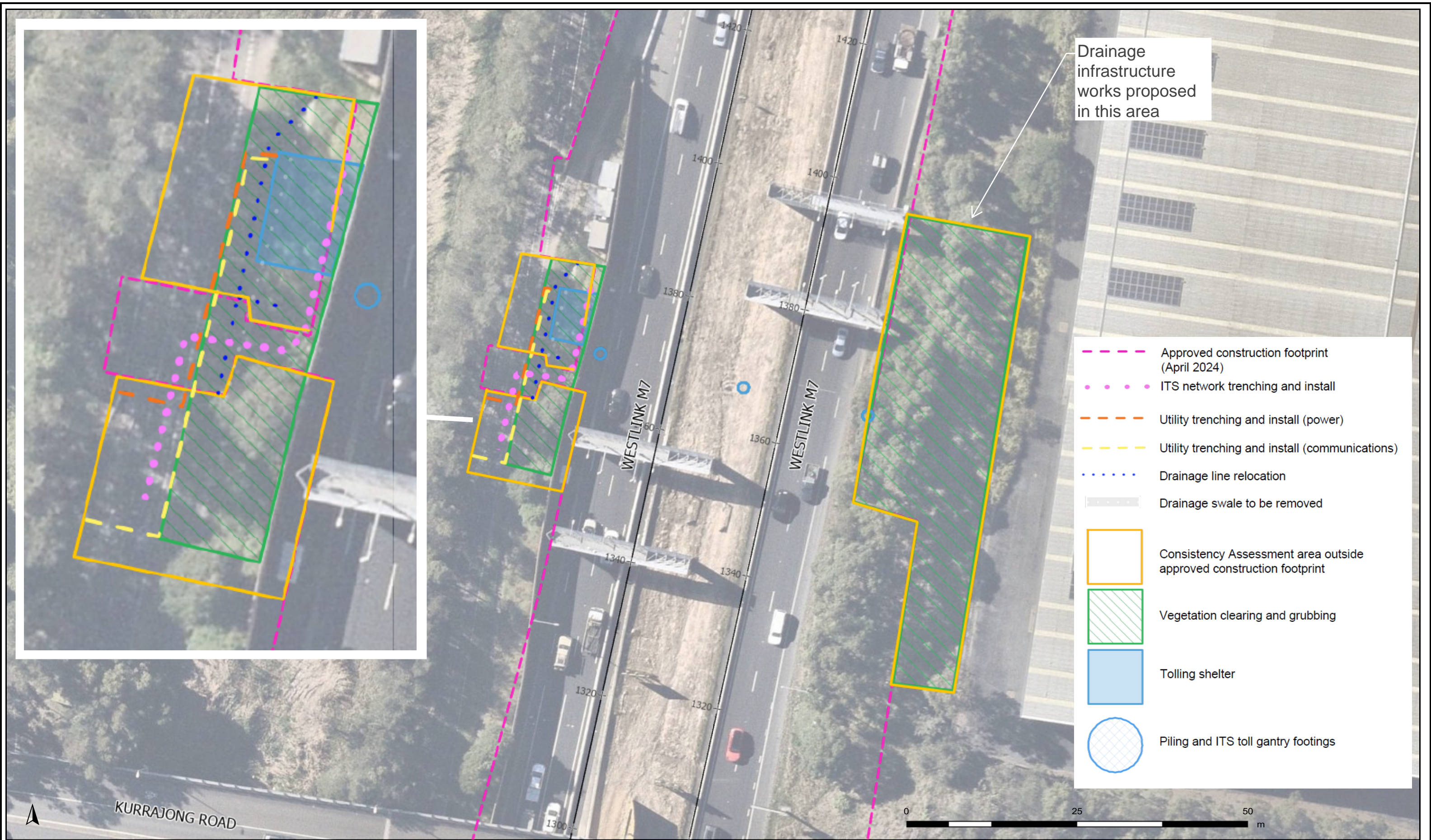
Artefact acknowledges Aboriginal and Torres Strait Islander peoples as the traditional owners and custodians of the lands and waters of Australia.

We acknowledge the Gadigal and Wangal of Pirrama (Pyrmont) where our Sydney office is located and the Awabakal, Worimi and Wonnarua of the Hunter Region where our Mulubinba (Newcastle) office is located.

We pay our respects to them, their culture and their Elders past and present. We thank them for sustaining and caring for Country for millennia.



Read Artefact's [email disclaimer](#)



CA Proposed works for ITS Tolling Gantry

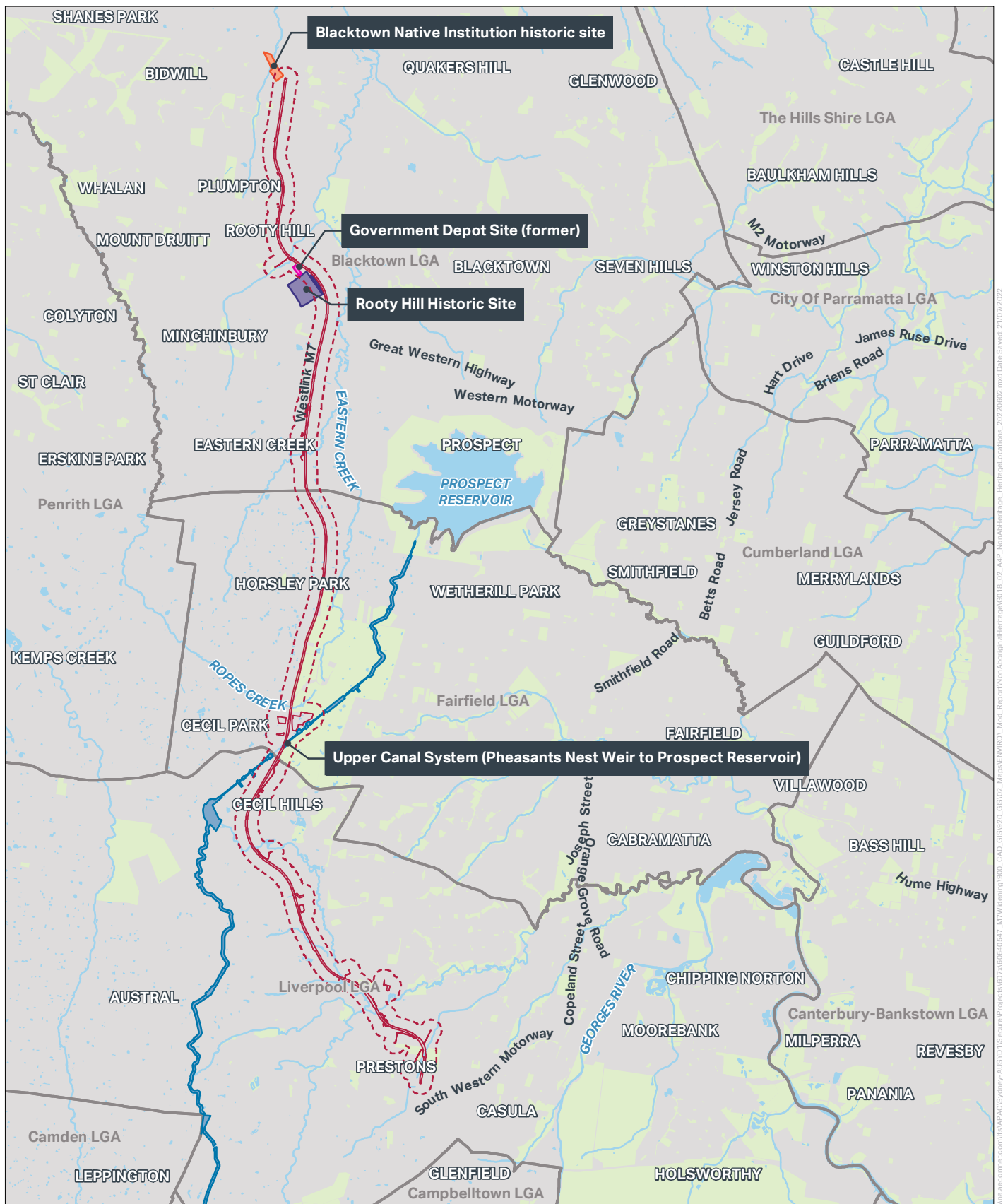


FIGURE 4-8: LOCATION OF NON-ABORIGINAL HERITAGE ITEMS PRESENT WITHIN THE STUDY AREA



AECOM

Legend

- Construction footprint
- Study area
- LGA boundary
- Blacktown Native Institution historic site
- Government Depot Site (former)
- Rooty Hill Historic Site
- Upper Canal System (Pheasants Nest Weir to Prospect Reservoir)

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Source:



AHIMS Web Services (AWS) Search Result

Your Ref/PO Number : 230672 M7-M12 Toll

Client Service ID : 886184

Artefact Heritage and Environment - Pyrmont

Date: 23 April 2024

32 Pirrama Road Suite 56, Jones Bay Wharf, 26-32 Pirrama Road
Pyrmont New South Wales 2009

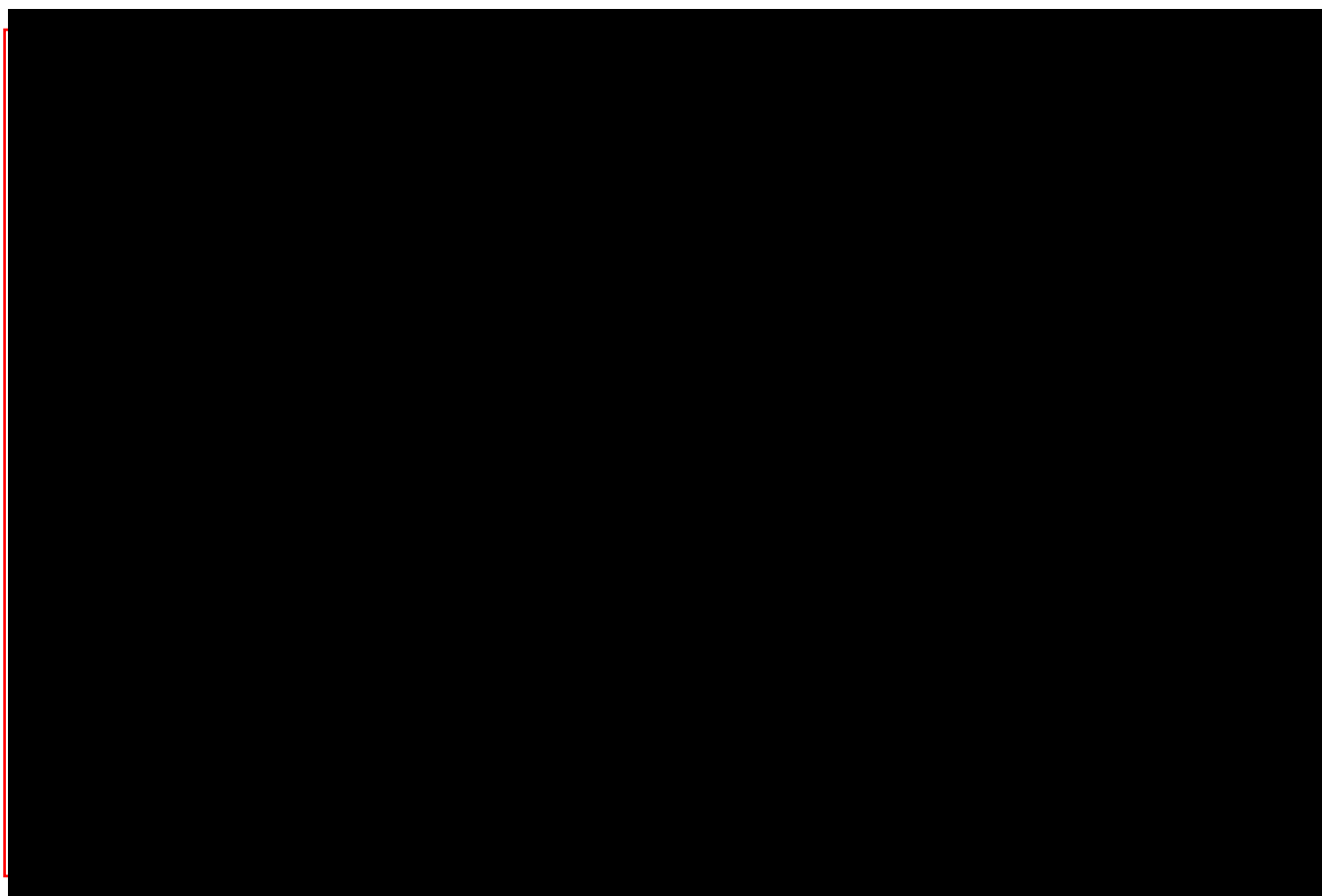
Attention: Jayden Van Beek

Email: jayden.vanbeek@artefact.net.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Lat, Long From : -33.9481, 150.8706 - Lat, Long To : -33.9392, 150.8861, conducted by Jayden Van Beek on 23 April 2024.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of Heritage NSW AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

10	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location. *



AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 230672 M7-M12 Toll

Client Service ID : 886188

<u>SiteID</u>	<u>SiteName</u>	<u>Datum</u>	<u>Zone</u>	<u>Easting</u>	<u>Northing</u>	<u>Context</u>	<u>Site Status **</u>	<u>SiteFeatures</u>	<u>SiteTypes</u>	<u>Reports</u>
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**** Site Status**
Valid - The site has been recorded and accepted onto the system as valid
Destroyed - The site has been completely impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There is nothing left of the site on the ground but proponents should proceed with caution.
Partially Destroyed - The site has been only partially impacted or harmed usually as consequence of permit activity but sometimes also after natural events. There might be parts or sections of the original site still present on the ground
Not a site - The site has been originally entered and accepted onto AHIMS as a valid site but after further investigations it was decided it is NOT an aboriginal site. Impact of this type of site does not require permit but Heritage NSW should be notified

Report generated by AHIMS Web Service on 23/04/2024 for Jayden Van Beek for the following area at Lat, Long From : -33.9481, 150.8706 - Lat, Long To : -33.9392, 150.8861. Number of Aboriginal sites and Aboriginal objects found is 10

This information is not guaranteed to be free from error omission. Heritage NSW and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

☒ New recording

☐ Additional info



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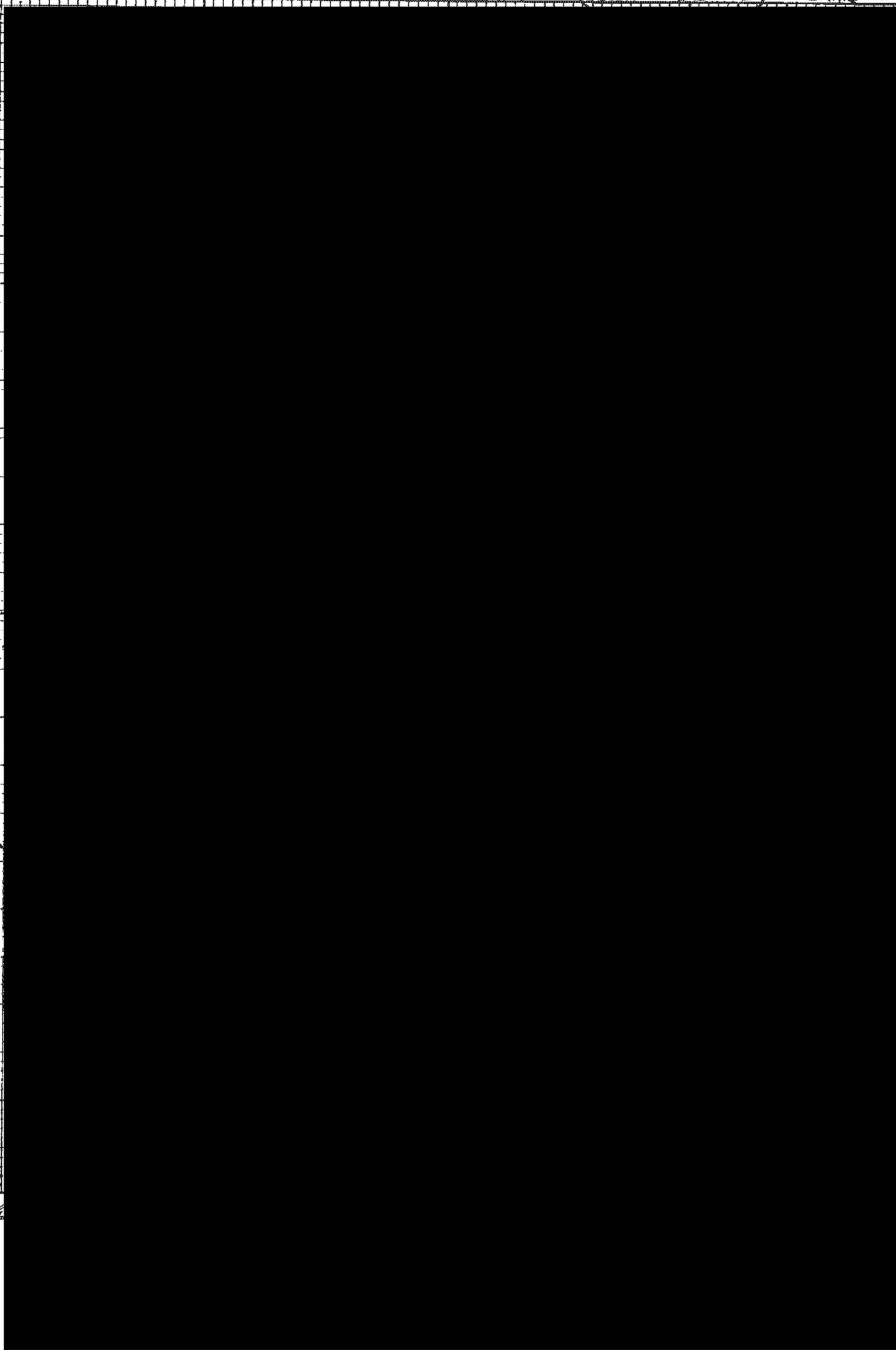
16.12.98

MC9

Sketch Plan

(not to scale)

Janie Thomas



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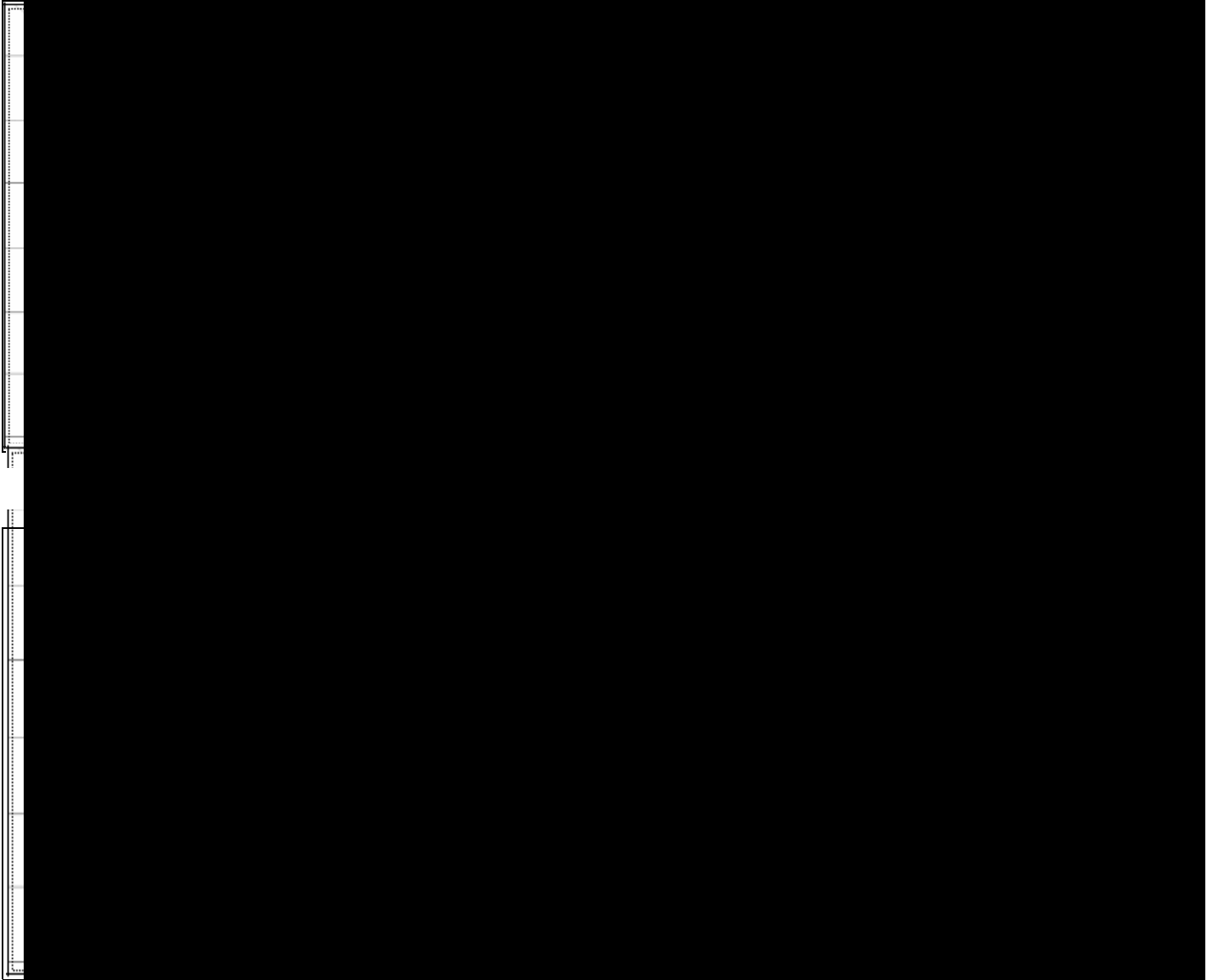
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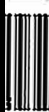
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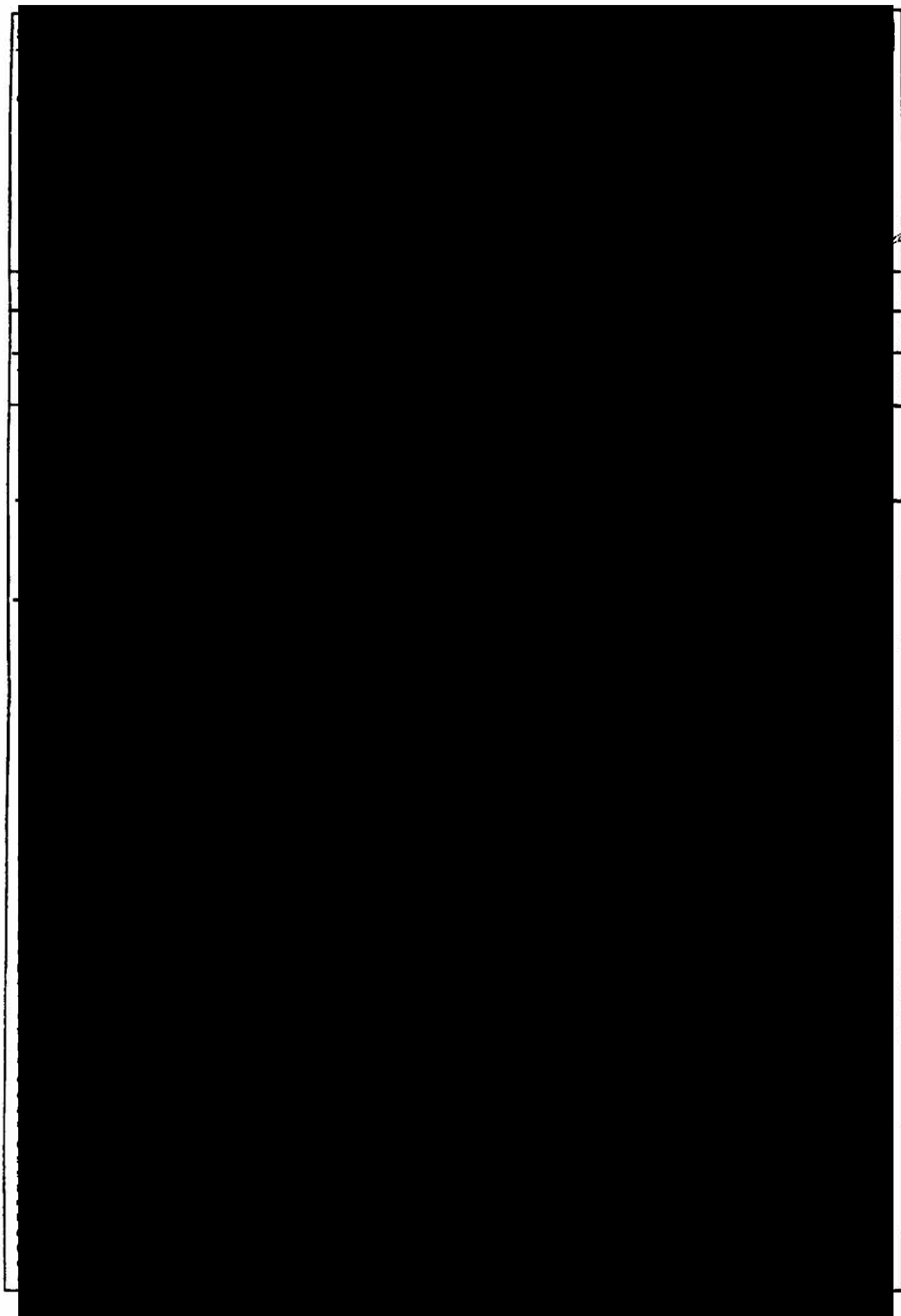
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NO RECORD OF SITE IN SITE REGISTER.



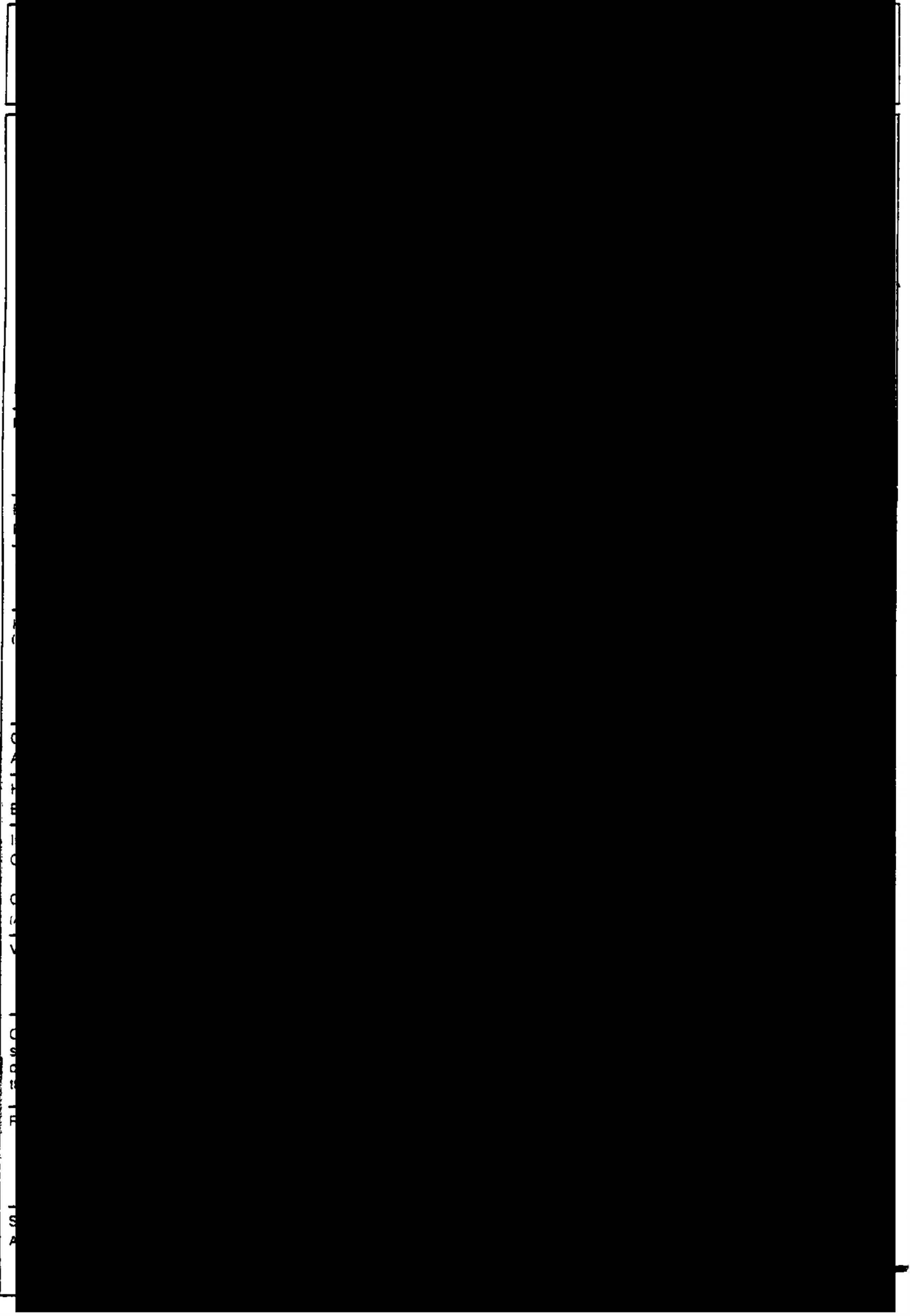


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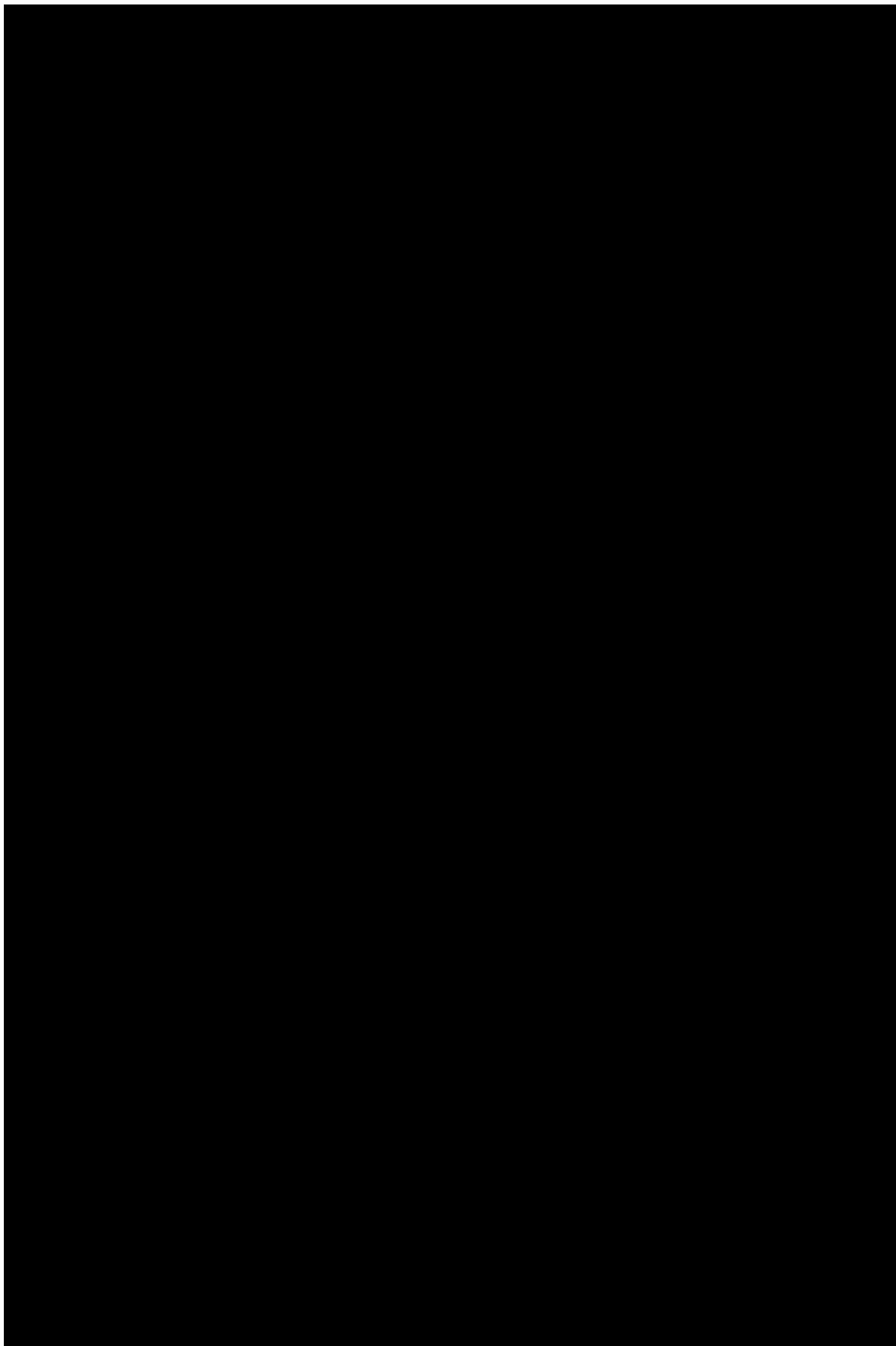
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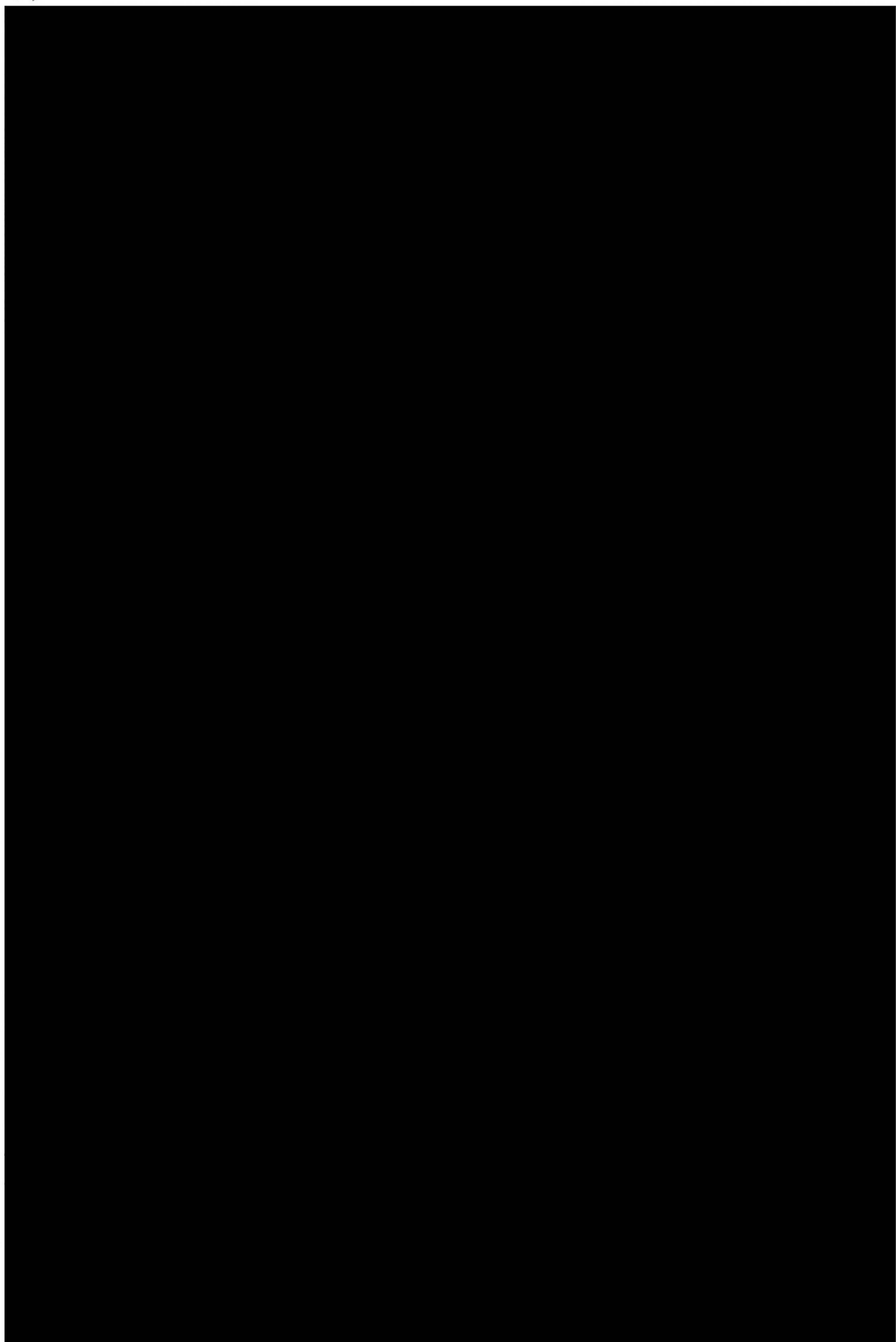
☒ New recording

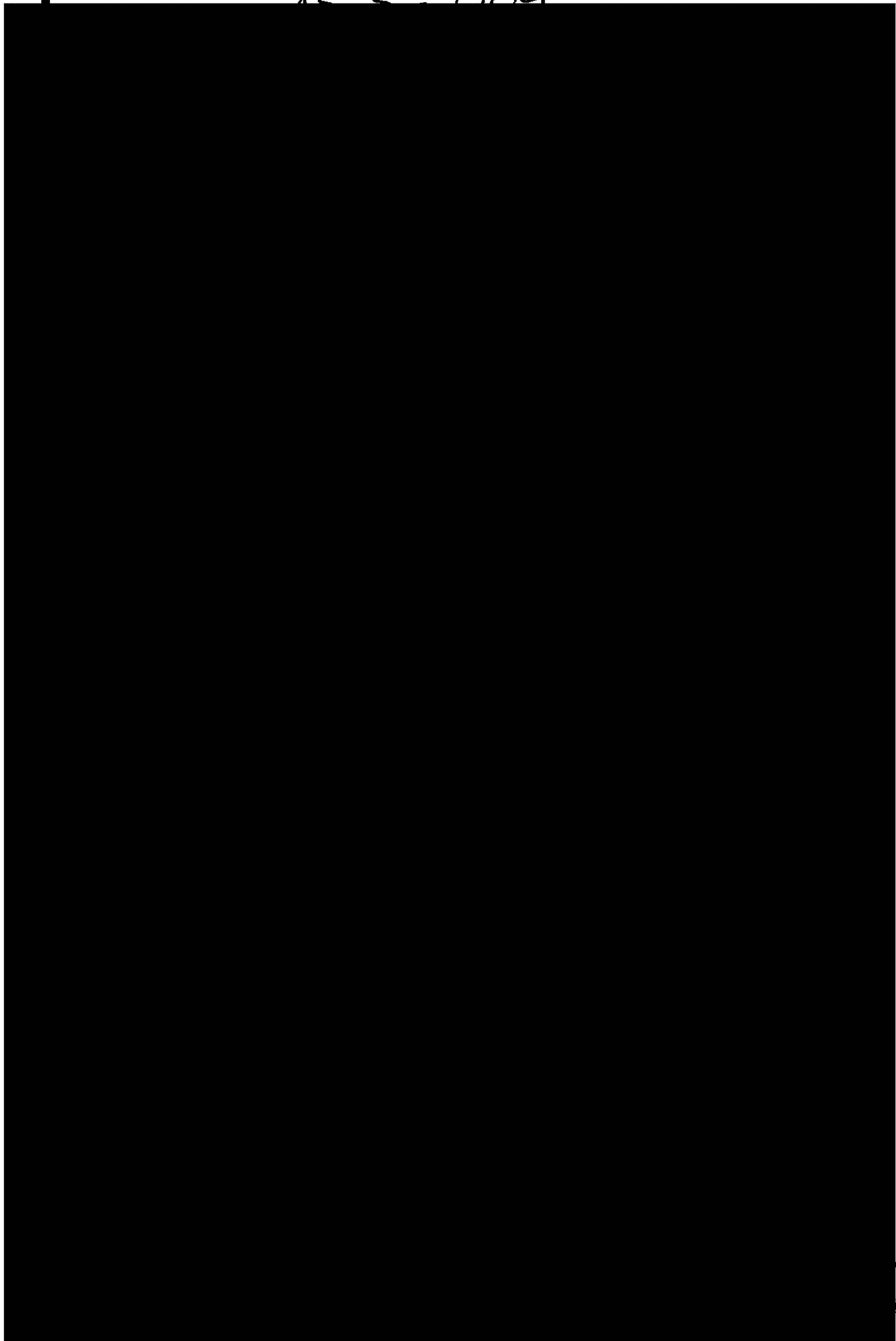
☐ Additional Info

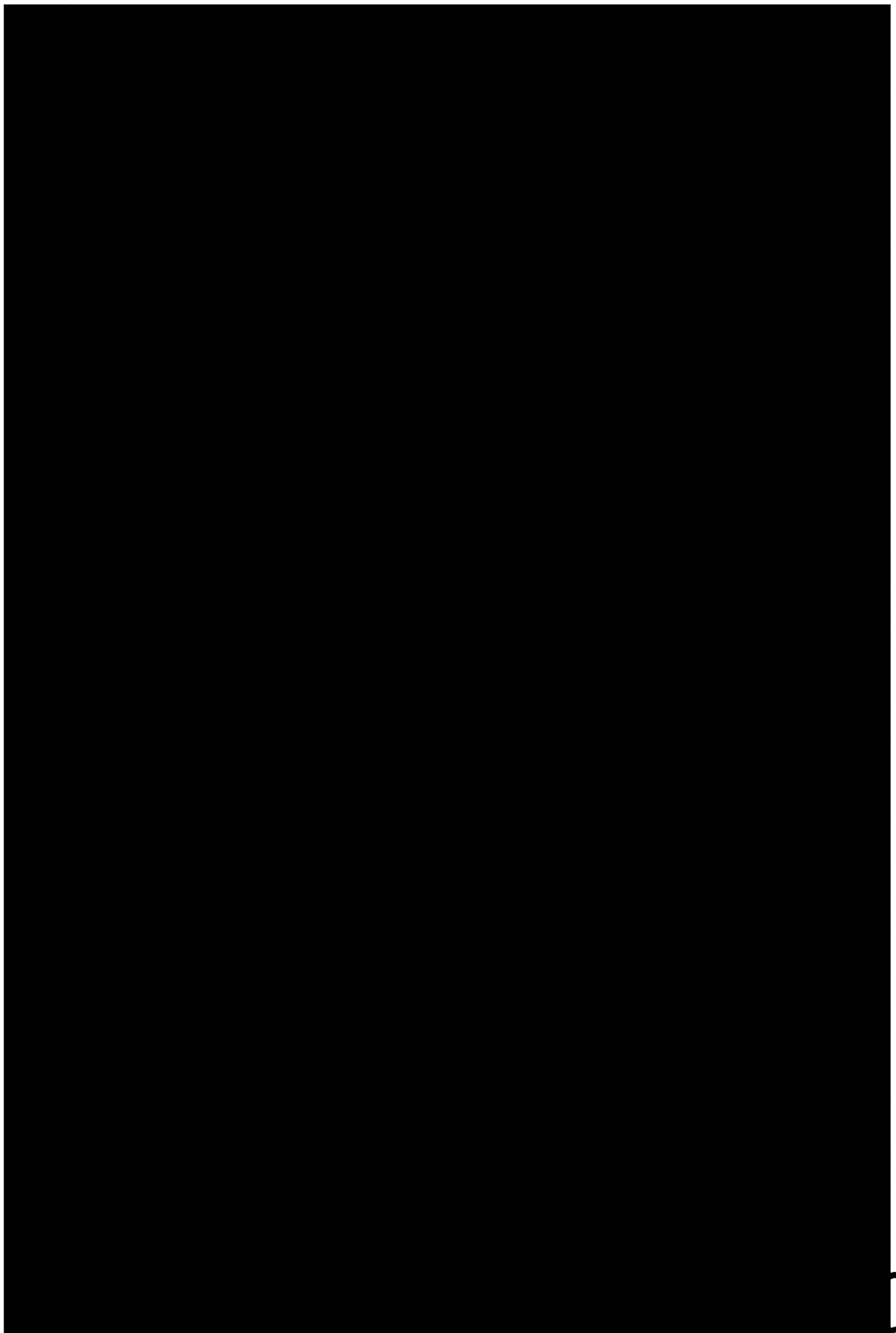


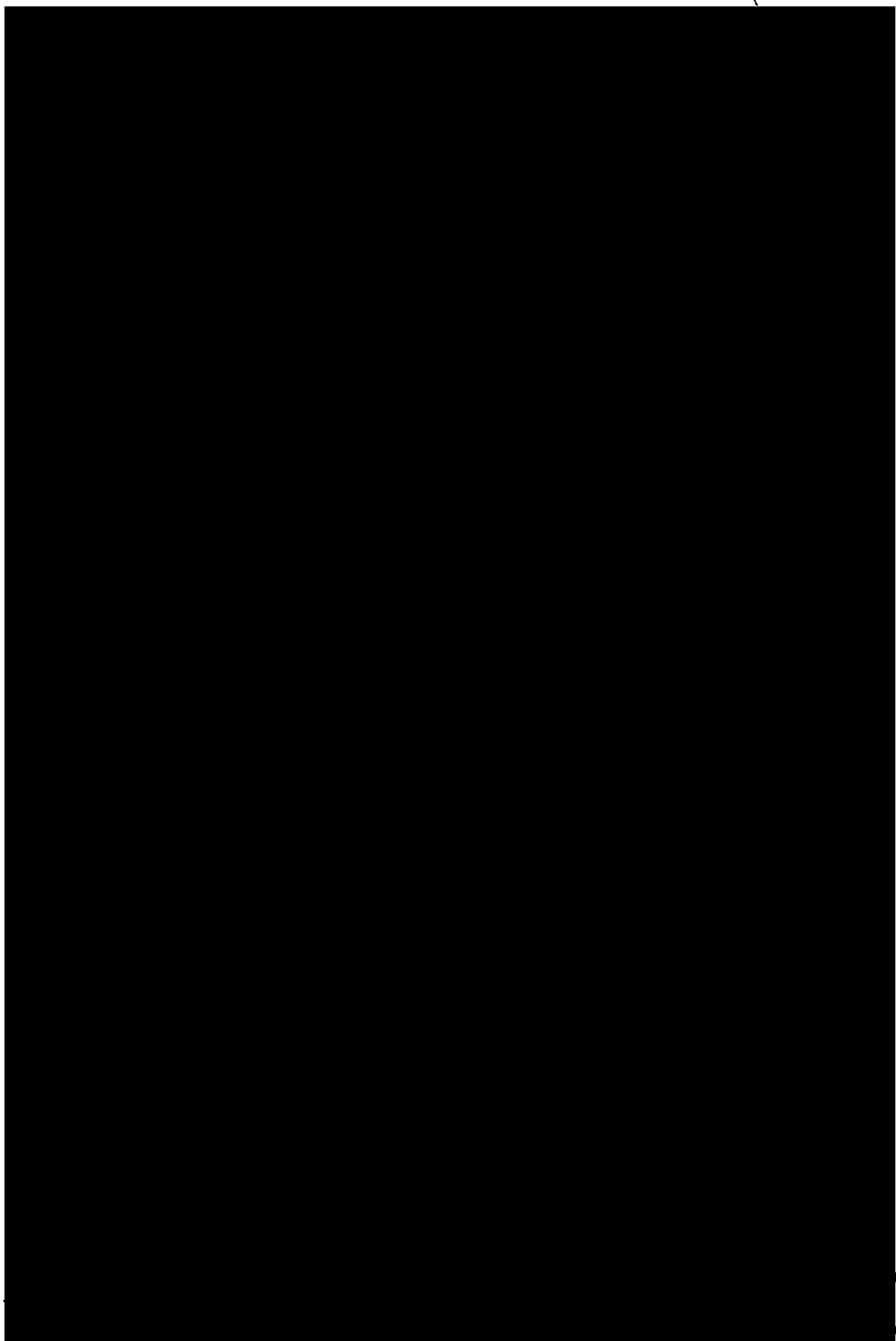
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Westlink M7 Widening

Division 5.2 Approval

Consistency assessment report

Proposed changes to the approved
construction footprint - tranche 2

Transport for NSW | May 2024

4.6.4 Environmental management measures

Management measures for soil and contamination identified in the EAD are considered appropriate for the proposed change.

4.7 Aboriginal cultural heritage

4.7.1 Assessment methodology

Section 7.7 of the Modification 6 Report describes the methodologies used to assess Aboriginal heritage impacts for the approved project.

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.

An Aboriginal Heritage Information Management System (AHIMS) search was performed on 10 October 2023 and found 10 sites located within or immediately adjacent (i.e. within 50 metres) of the proposed change. Of these, one site (site 45-5-2305) has a centroid placed within the proposed change boundary and nine have a centroid placed outside the proposed change boundary. Table 4-11 outlines the details of these AHIMS sites, including their validated status, which was determined through surveys undertaken for the Modification 6 assessment (see Table 5-4 of Appendix I of the Modification 6 Report). Refer to Appendix C for further details on the AHIMS search results.

Table 4-11 AHIMS Sites within 50 metres of the proposed change

totally destroyed via heavy earthworks for the construction of the Westlink M7. As such, site 45-5-3080 does not represent a constraint to the proposed change.

- A Natural and Unauthorised Impact Assessment Form has been submitted and approved. Therefore, this site is officially listed as destroyed on the AHIMS database.

- 45-5-2479

- AHIMS coordinates for this isolated artefact place it approximately [REDACTED]. However, it is noted that the site map provided in the site's AHIMS site card, which has been georeferenced and attached, indicates that the registered coordinates for this site are incorrect, with the site actually located [REDACTED] of its current location (see Appendix C). Thus the corrected location for 45-5-2479 places it [REDACTED].
- Both the AHIMS registered and corrected locations for 45-5-2479 were subject to visual inspection
- GSV conditions at both locations were very poor due to thick grass/weed cover, as well as large quantities of fallen tree matter
- No Aboriginal objects were identified at or surrounding either location during the visual inspection

Given the above, and that the proposed change at site 1b would be restricted to the road corridor, fenced shared pathway and previously disturbed areas, impacts to these AHIMS sites are considered highly unlikely. Updated status of AHIMS sites following the above investigations is outlined in Table 4-12.

Table 4-12 Updated status of sensitive AHIMS sites

AHIMS Site ID	Proposed change site/s located within 50 metres (updated following February 2024 investigations)	AHIMS database status	Validated status (updated following February 2024 investigations)
45-5-2479	N/A	Valid	N/A
45-5-2709	1b	Valid	Destroyed
45-5-3080	41	Valid	Destroyed

It is recommended that mitigation measures should remain as previously advised for sites located outside of, but directly adjacent to the construction boundary (see mitigation measure AH5 in Section 5.2). Additional mitigation measures for the above sites are considered unwarranted.

Additionally, standard environmental site inductions prepared for the approved project, which include an Aboriginal heritage component, would be implemented for the proposed change in order to avoid Aboriginal heritage impacts due to works occurring in potentially archaeologically sensitive areas. At a minimum, it would outline current protocols and responsibilities with respect to the management of Aboriginal heritage within the construction boundary (including unexpected finds) and provide an overview of the diagnostic features of potential Aboriginal site types/objectives (as required by mitigation measure AH4). Furthermore, the existing Construction Cultural Heritage Management Plan (CCHMP) that is included in the CEMP, would be updated to include information regarding the proposed change prior to construction activities occurring (as required by mitigation measure AH3). An unexpected Aboriginal heritage finds procedure is included in the CCHMP. Considering the implementation of these measures, works adjacent to watercourses at sites 18, 20a, 41 and 75 are not anticipated to result in impacts to Aboriginal heritage. Impacts to AHIMS sites #45-5-2305 and #45-5-2761 are not expected due to their validated 'destroyed' status and the implementation of the above mitigation measures.