

Upper South Creek

Advanced Water Recycling Centre and Pipelines

Community Agreement 03 – Park Road ~~– Rev D~~

-EPL 21800

Ongoing Community Engagement and Agreement

Contents

Introduction.....	3
Scope of Works and Further Details	3
Options Considered	4
Purpose.....	4
E1 Community Agreement.....	5
Condition E1.1.....	5
Condition E1.2.....	5
Condition E1.3.....	9
Condition E1.4.....	9
Condition E1.5.....	10
Condition E1.6.....	10
Condition E1.7.....	11
Conclusion.....	11
Appendix 1 – OOHW Permit.....	12
Appendix 2 – Gatewave Noise Model.....	13
Appendix 3 – Community Consultation.....	14

Introduction

The Upper South Creek Advanced Water Recycling Centre (AWRC) (the project) has been proposed to support the population growth and economic development of the Western Sydney Aerotropolis Growth Area (WSAGA or Aerotropolis), South West Growth Area (SWGA) and the new Western Sydney International Airport. The project will provide wastewater services to Western Sydney to produce high-quality treated water for non-drinking reuse and for release to local waterways. John Holland has been appointed by Sydney Water to deliver the project works, with detailed design and construction for treating a daily wastewater flow of up to 35ML/day.

John Holland has obtained Environment Protection License (EPL 21800) from the NSW Environment Protection Authority for the construction of the project and has prepared the following written report for submission to the EPA as John Holland are seeking to undertake work outside of approved construction hours following community consultation and agreement (EPL condition E1).

Scope of Works and Further Details

John Holland commenced construction of the treated water pipeline on Park Road some weeks ago, working from east to west along the southern road verge to approximately mid-way along Park Road (approximate location 260 Park Road, Wallacia NSW 2745). This portion of the pipeline only requires a partial road closure to achieve safe working distances and ensure safety of work crews whilst still enabling flow of traffic in the adjacent lane under the guidance of traffic control.

As work crews proceed along Park Road further west towards the town center of Wallacia, there will be portions of the treated water pipeline that will be constructed in the roadway which will require a full closure of Park Road to complete the work. Park Road is a state road and as such, approval from Transport Management Centre (TMC) is required to fully close the road to undertake the work. John Holland have been working closely with TMC since September 2023 regarding the proposal and is seeking approval from TMC to close Park Road to enable completion of the work.

In late ~~May~~~~April~~, ~~early May~~, John Holland ~~commenced~~ ~~will start~~ a program of night work along Park Road to reduce impacts on daytime traffic. In some locations, the works can be completed with only a partial road closure and the preference in this instance is to complete the work during standard daytime construction hours or in accordance with relevant EPL conditions, including L5.3, L5.4 or L5.5. For the locations along Park Road that require a full closure of the road, John Holland proposes to complete the night work up to five nights a week by closing both sides of Park Road between James Street and east of William Street, between 8pm and 5am. This would also include the use of the C6 compound, located at 260 Park Road, to support the delivery of the works including infrequent spoil movements and other minor ancillary activities associated with the works. This would be for 40 shifts over two months, Monday to Friday and is dependent on site conditions and weather.

Figure 1 and Figure 2 detail the length of Park Road where construction of the pipeline requires a full road closure and the C6 compound and the proposal to work 5-nights per week under a community agreement arrangement is applicable.

JHG are proposing to continue with the Park Road OOHW between 27/06/2024 and 25/07/2024 and therefore additional consultation has been undertaken with impacted receivers. Outcomes of the consultation have been included in this document, specifically Appendix 3. In accordance with condition E1.7 of EPL 21800, this document will be provided to the EPA 7 days prior to the end of each re-engagement period.



Figure 1: Location of works on Park Road



Figure 2: Location of works on Park Road

Options Considered

During construction planning, John Holland did consider undertaking the work during standard daytime hours, however, given the requirements of TMC that a full closure is only permitted during the evening and nighttime period, this has eliminated any other option for the sections of treated water pipeline that are to be constructed in the roadway. Furthermore, John Holland understands the potential impact that a full road closure may have on the community and has therefore placed priority on completing these works at night at an accelerated pace which reduces disruption during a shift, meaning we can get the work done faster.

Purpose

The purpose of seeking a community agreement is due to the need to complete construction of the treated water pipeline on Park Road and the full road closure requiring approval from TMC to facilitate that. TMC have approved the full road closure on the condition that it is undertaken during the evening and night-time periods only. The project is proposing to work outside standard construction hours specified in EPL condition L5.1, under a community agreement arrangement.

The project noise model has identified nearby residents who will be impacted by the works on Park Road and has therefore sought community agreement from these residence in accordance with EPL condition E1.

E1 Community Agreement

**John Holland notes that the current EPL has referenced L4 conditions under Condition E1.1 and has assumed that these condition references are incorrect, and that reference should be made to L5 conditions.*

Condition E1.1

Work outside standard construction hours – community consultation and agreement.

The licensee may work outside standard construction hours (as defined in L5.1) in circumstances other than those permitted under conditions L5.3*, L5.4*, or any other condition of this licence if the Licensee:*

a) undertakes community consultation and agreement as described in E1.2;

- The project has undertaken community consultation with the affected residents that were identified in the noise model.

b) submits to the EPA a written request to work outside the standard construction hours attaching information set out in E1.3; and

- This document details information to work outside the standard construction hours. The work involves closure of both sides of Park Road between James Street and east of William Street, 5 nights a week between 8pm and 5am. This work will also require the use of the C6 compound during the same time period to support delivery of the works. This would be for 40 shifts over two months, Monday to Friday and is dependent on site conditions and weather.

c) obtains approval by the EPA to work outside standard construction hours. The EPA may, in exercising its discretion to approve the works outside standard construction hours, review whether the licensee has obtained community agreement. Specifically, whether a substantial majority of the individual Noise Sensitive Receivers who together comprise the Community Affected Catchments and were contacted has consented to the planned works out of standard hours.

- John Holland notes that approval must be obtained from the EPA to undertake the work proposed in this community agreement.
- For the initial consultation undertaken for the first month of works, Out of the 63 residents identified; 2 residents did not support the proposal. This initial community agreement was approved by the EPA on 20/03/2024 with a subsequent minor revision approved on 17/05/2024. Evidence of compliance to be
- Follow up consultation for works between 27/06/2024 and 25/07/2024 identified 65 residents. Of those identified, 53 residents had no objection to the continuation of works and no response was received from 12 residents. reviewed by the EPA.

Condition E1.2

Requirements for community consultation and agreement

Any community consultation and agreement undertaken with respect to the proposed out of hours works (OOHW) must: a) be prepared and implemented in accordance with the Interim Construction Noise Guidelines (DEC 2009), the Noise Policy for Industry (EPA, 2017) and AS2436-2010: Guide to noise and vibration control on construction, demolition and maintenance sites;

- The Out of Hour Works Permit and community consultation is detailed in Appendix 1 and 3, respectively, and has been prepared in accordance with the approved Noise and Vibration CEMP sub-plan (NVCSPP) which considers the guidelines above.

b) include consultation of all noise sensitive receivers within the Community Affected Catchments. This includes Noise Sensitive Receivers that have declined to participate in previous agreements unless a community member has explicitly requested not to be involved in any future consultation about future OOHW;

- As detailed in the project noise model (Gatewave Renzo Tonin - Appendix 2) sixty-fiveone (651) residences were identified as being impacted by the proposed works and are presented in Figure 2.
- All affected residents have been consulted and evidence has been included in Appendix 3. In accordance with the requirements of E1.2(f), in addition to 'yes' and 'no' responses being recorded, the table presented in Appendix 3 includes where 'sorry we missed you' cards were left after each attempt, up until the 3 attempts required by the condition. A summary of the attempts made is provided below however refer to Appendix 3 for more specific details.:
 - Attempt 1 – 13/06/2024 12 February 2024, from 9.30am to 2.00pm and 18/06/2024
 - Attempt 2 – 13/06/2024, 14/06/2024 and 18/06/2024

- ~~o 14 February 2024, from 12.00pm to 4.00pm~~
- ~~o Attempt 3— 14/06/2024, 17/06/2024 and 19/06/2024.~~
- ~~o 19 February 2024, from 8.00am to 10.00am~~
- ~~o Attempt 1 (site compound), phone call— 4 April 2024 around 4pm to 5pm to 278 Park Road, Wallacia, 290-298 Park Road, Wallacia~~
- ~~o Attempt 1 (site compound) phone call— 5 April 2024 around 12pm to 1pm to 235 Park Road, Wallacia~~
- ~~o Attempt 2 (site compound) phone call— 8 April 2024 around 1pm to 235 Park Road, Wallacia~~
- ~~o Attempt 3 (site compound) door knock— 9 April 2024 around 9:10am~~

~~Note that there were 2 residents that requested the project send the information via email correspondence (115 Park Road and 149 Park Road, Wallacia NSW) and the dates that these emails (including a follow up email) were sent vary slightly from the general 'Attempt' dates listed above. A copy of the email correspondence attempts is included in Appendix 3.~~

- Overall, out of the 635 residents consulted:
 - o 5348 responded 'Yes', including a combination of responses given in person at the time of door knocking and phone calls between the resident and a representative of the John Holland Community Team following prompting from a 'sorry we missed you' card.
 - o No residents objected to the works2 responded 'No'
 - o 124 were issued 'sorry we missed you' cards over 3 attempts made, and
 - ~~o 2 requested email correspondence and did not respond after 3 attempts.~~

Residents from James Street heading west



Residents from James Street heading east



Residents around the C6 compound



Figure 2: Community Affected Catchment

c) ensure that the noise sensitive receivers understand the nature of the works and any predicted impacts, including that consideration is made of additional requirements relevant to the needs of culturally and linguistically diverse Noise Sensitive Receivers, and include details for interpreting services for languages other than English where required.

- The project team did not require support from translating and interpreting services in order to speak with residents about the proposed works. During engagement with each sensitive receiver, the proposed works were described, and the expected noise output was compared to a common household item.

d) include in the community consultations with Noise Sensitive Receivers the following information:

i. the actual works proposed;

- Night work would include:
 - Setting up the road closure from 8pm
 - Using the C6 site compound to haul materials
 - Excavating trenches for pipe installation

- Laying and welding pipe
 - Covering sections of pipeline in concrete
 - Backfilling and reinstating affected areas
 - Re-opening the road in time for morning traffic.
 - The equipment would include temporary lighting, light vehicles, heavy vehicles, compaction rollers, generators and excavators.
- ii. any expected impacts in clear, plain English based on noise modelling;*
- Residents from James Street heading east:
 - This work has been noise modelled and is expected to be NOISY while it is immediately in front of a property. We would compare this to the sound of an excavator working 15 meters away from a person. The work is of a rolling nature, so we don't expect to remain directly in front of a resident's property for more than 2 nights in a row.
 - After two nights of this noise impact, residents can expect to hear noise similar to a loud TV or radio, with noise levels continuing to drop as we move further away.
 - Some night work is also planned for the intersection of Park Road and Willmington Road, Luddenham. We do not expect this work to be noisy for residents and will be carrying out the works under our usual arrangement of three nights per week, with only two consecutive nights per week and no more than 10 nights per month.
 - Residents from James Street heading west:
 - The work carried out on Park Road is expected to be almost silent for the duration of the 40 shifts. Due to work being of rolling nature, as we get closer to James Street, for a short period of time residents may hear noise similar to what residents would hear during the daytime from Park Road.
 - Some night work is also planned for the intersection of Park Road and Driver Avenue, Wallacia. This would be completed under our usual arrangement of three nights per week, with only two consecutive nights per week and no more than 10 nights per month. This work will be noisy, and we will ensure that residents are not affected by noise from further down Park Rd during the same weeks.
 - Residents around Compound 6:
 - The work carried out at the C6 compound is expected to have minimal noise impacts to the 3 receivers located adjacent to the compound.
 - The pipeline construction works carried out on Park Road is expected to be almost silent for the duration of the 40 shifts. Due to work being of rolling nature, as we get closer to William St, for a short period of time residents may hear noise similar to what residents would hear during the daytime from Park Road.
- iii. the expected duration of the works;*
- We will continue to work our standard construction hours, including Monday to Friday 7am to 6pm and Saturday 8am to 1 pm.
 - We are seeking approval to work 5 nights per week Monday to Friday, between 8pm and 5am. This would be for 40 shifts over 2 months.
- iv. any expected benefits for receivers;*
- Working in this manner would improve the overall efficiency of our program of works throughout Wallacia, as it allows us to run a full week of night shift, while a second crew can continue working day shift.
 - The work will be completed faster over a shorter duration instead of protracted over a number of months if we were to resort to daytime construction along Park Road only.
 - The work front would move, meaning individual homes would not be affected by noise for the full two months. Also, where possible the noisiest activities, such as saw cutting and rock breaking, would be completed during dayshifts within a single lane closure.
- v. any other known concurrent OOHW that will be occurring; and*
- Some night work is also planned for the intersection of Park Road and Driver Avenue, Wallacia, as well for the intersection of Park Road and Willington Road, Luddenham. We do not expect this work to be noisy for residents and will be carrying out the works under our usual arrangement of three nights per week, with only two consecutive nights per week and no more than 10 nights per month.
- vi. any other OOHW that will be occurring on the nights preceding and following the proposed works or, if the proposed work precedes or follows a weekend period, any other OOHW that will be occurring on the weekend.*
- Noted, and consistent with the response provided to item ((d)v) above.
- e) request consent from the Noise Sensitive Receiver for their responses to be provided to the EPA;*
- Consent has been received by the residents identified in the noise model and have been detailed in Appendix 3.
- f) ensure that a record is kept when a licensee is unable to contact a noise sensitive receiver after three attempts, including*

leaving "sorry I missed you" cards explaining the reason for the visit and requesting a return phone call; and

- Appendix 3 includes details of records for contact attempts.

g) demonstrate, where the OOHW is predicted to go on longer than 28 calendar days, that the licensee has consulted the community in relation to re-engagement periods for the purpose of determining agreement from the community is maintained and continuing.

- Noted and acknowledged. The proposed work will extend beyond 28 calendar days and the project has stated its intention in the community consultation script to contact receivers every 28 days to obtain ongoing agreement.

Condition E1.3

The licensee must report to the EPA the community consultation and agreement process that was undertaken with the Community Affected Catchments. This report to the EPA must be:

a) prepared in writing;

- This document.

b) detail the steps taken to fulfil the requirements of condition E1.2;

- A noise model was completed to identify the impacts of the works to the nearest residents. The project contacted the residents and provided information and details on the works planned (refer to script in Appendix 3). Residents provided consent for the works to go ahead and the project will update the residents if there are any changes to the planned works.

c) demonstrate that the Noise Sensitive Receivers understood the nature of the works and any predicted impacts, including that consideration was made of additional requirements relevant to the needs of culturally and linguistically diverse Noise Sensitive Receivers;

- The project team did not require support from translating and interpreting services in order to speak with residents about the proposed works. During door knocks and emails with each sensitive receiver, the proposed works were described and the expected noise output was compared to a common household item – refer to the script in Appendix 3.

d) provide the script used during the community consultation with Noise Sensitive Receivers;

- Full script included in Appendix 3.

e) report community response and consent rates (including where no contact could be made) against the total community affected catchments, and must be broken down into response and consent rates based on sub-catchments that are delineated by affectation levels;

- Included in Appendix 3.

f) include a noise validation monitoring plan as required by E1.4; and

- Detailed below in Section E1.4.

g) be submitted to the EPA at least 15 business days prior to any works that are the subject of the agreement being undertaken unless prior arrangements have been made with the EPA

- Submitted to the EPA and approved on 20/03/2024 with a subsequent minor revision approved on 17/05/2024. Submitted on the 06/02/2024.

A copy of the report must be:

a) kept by the licensee for the duration of this licence including on the premises, and made available to an EPA authorised officer on request; and

- Acknowledged, a copy of this report will be kept at the premises and for the duration of EPL 21800. A copy of this report will be made available to an EPA authorised officer on request,

b) be made available on the licensee's project website or another website approved in writing by the EPA for the duration of the OOHWs permitted under condition E1.1. (Personal details of Noise Sensitive Receivers must be omitted).

- Acknowledged, a copy of this report (as approved in writing by the EPA) will be made available on John Holland's website for the duration of the OOHW permitted under condition E1.1.

Condition E1.4

Noise Validation Monitoring

A noise validation monitoring plan must be submitted to the EPA for approval as part of the community agreement documentation prior to any OOHW occurring.

- Noise validation monitoring will be done in accordance with the Noise and Vibration CEMP Sub-plan and the CNVIS.
- Noise validation monitoring of construction noise levels will be undertaken as follows:
 - Monitoring will be undertaken at the location which is used as part of noise prediction assessments and is consistent with the project's noise prediction tool, Gatewave;
 - Monitoring will be carried out at the commencement of the activity. This will confirm that actual noise levels are consistent with noise impact predictions and that the management measures that have been implemented are appropriate;
 - Monitoring will be recorded over 15-minute sample intervals, excluding periods of extraneous noise until a representative sample has been obtained.
 - Monitoring will involve the minimum range of noise metrics, including the following A-weighted noise levels: LA90, LAeq, LA10, LA (min) and LA(max).
 - Noise measurements will be timed to ensure operation of the noisiest plant is captured.
 - Measurements will be recorded on a project-specific noise verification record form (Appendix A of the USC Noise & Vibration CEMP sub-plan).

Condition E1.5

Validation monitoring must be undertaken for any OOHW that are the approved under condition E1.1 and must:

a) be undertaken in accordance with the monitoring plan prepared under condition E1.4;

- Validation monitoring will be undertaken as stated in condition E1.4

b) be performed by a Competent Person;

- A member of the Upper South Creek Environment Team will be conducting the noise verification monitoring. All members of the team meet the definition of a *Competent Person* in the EPL21800 Special Dictionary (E2.1).

c) be performed on at least the first 2 occasions (day, evening, nights) where OOHW will be undertaken and are likely to impact Noise Sensitive Receivers;

- Noise monitoring ~~was will take place undertaken~~ during the evening OOH period (between 6pm to 10pm) and nighttime OOH period (between 10pm to 7am) for the first two occasions. No exceedances of predicted levels were recorded.

d) be performed on any other occasion (day, evening, night) where the nature of the works is likely to cause greater noise impacts than the first 2 occasions;

- Noted, noise validation monitoring will be performed on any other occasion (day, evening, night) where the nature of the works is likely to cause greater noise impacts than the first 2 occasions.

e) be representative of the impacts in terms of monitoring locations, time and duration of measurements; and

- Monitoring will take place in accordance with the nominated verification monitoring locations set out in Table 5 of the Gatewave noise model (Appendix 2). This will be conducted in 15-minute intervals. It will be undertaken during the noisiest works predicted to take place during the shift.
- Where verification monitoring cannot take place at the nominated locations above, verification monitoring will take place at the project boundary and calculation will be done to identify the noise levels at the resident.

f) be recorded and provided to an EPA officer upon request.

- Monitoring data will be recorded and can be provided to the EPA upon request.

Condition E1.6

If validation monitoring undertaken under Condition E1.5 shows that noise levels are higher than those predicted by any noise modelling undertaken as part of the community agreement, work practices must be modified immediately so that measured noise levels do not exceed predicted levels.

Where it has been determined that works cannot be modified to achieve the predicted noise levels:

a) the licensee must report immediately to the EPA; and

- Acknowledged, the project will report to the EPA if the noise levels are above predicted levels.

b) after considering the circumstances EPA may withdraw its permission under E1.1.

- Acknowledged, the project agrees with this condition.

Condition E1.7

Ongoing community engagement and agreement

a) For any approval of OOHW under E1.1 predicted to take longer than 28 calendar days to remain valid, the licensee must be able to demonstrate agreement from the community is maintained and continuing.

- Noted and acknowledged. The proposed work will extend beyond 28 calendar days and will contact receivers every 28 days to obtain ongoing agreement.

b) To demonstrate agreement from the community is maintained and continuing the licensee must:

i. engage the community to determine if a substantial majority of Noise Sensitive Receivers continue to consent to the OOHW pursuant to the re-engagement period determined under condition E1.2(d);

- ~~Noted and acknowledged. Substantial majority achieved. Of the 65 receivers, 53 had no objection to the works while 12 receivers were unable to be contacted following multiple attempts as detailed in Appendix 3.~~

ii. provide the EPA with a report within 7 calendar days of the end of each re-engagement period summarising the community response including ongoing consent rates of the Noise Sensitive Receiver; and

- Noted and acknowledged.

c) Where the licensee is unable to demonstrate a substantial majority of agreement from Community Affected Catchment is maintained and continuing:

i. the licensee must report immediately to the EPA; and

- Noted and acknowledged.

ii. after considering the circumstances EPA may withdraw its permission under E1.1.

- Noted and acknowledged.

Conclusion

John Holland seeks the EPA's approval to continue to undertake work outside of standard construction five nights a week between 8pm and 5am between 27/06/2024 and 25/07/2024. ~~This would be for 40 shifts over two months, Monday to Friday and to commence from approximately May 2024,~~ based on the outcome from consultation within the Community Affected Catchment:

- ~~4853~~ responded 'Yes', including a combination of responses given in person at the time of door knocking and phone calls between the resident and a representative of the John Holland Community Team following prompting from a 'sorry we missed you' card.
- ~~No receivers objected to the works, 2 responded 'No'~~
- ~~124~~ were issued 'sorry we missed you' cards over 3 attempts made, and ~~2 requested email correspondence and did not respond after 3 attempts~~

Appendix 1 – OOHW Permit

A. General Details			
Contract:	Upper South Creek (USC) Project		
Contractor:	John Holland Pty. Ltd.		
Application Title:	Trenching Park Road		
Application Number:	P0028		
Application Date:	05/03/2024		
Relevant Planning Approval:	SSI 8609189		
Environmental Protection Licence (EPL):	21800		
Contact Details			
Position	Name	Contact Number	Email
Construction Manager	Aidan O'Driscoll	0414 945 464	Aidan.o'driscoll@jhg.com.au
Senior Project Engineer	Mina Mousa	0429 078 525	Mina.Mousa@jhg.com.au
Communications Representative	Sheila Maidment	0459 885 912	Sheila.Maidment@jhg.com.au
Environmental Manager / Representative	Wadeea Chaudhary	0429 020 437	Wadeea.chaudhary@jhg.com.au

B. Details of Proposed Scope of Works	
<p>Proposed Works:</p> <ul style="list-style-type: none"> • Work methodologies. • List of plant / equipment to be used (worst case scenario). 	<p>The works are planned to take place along a section of Park Road on the Treated Water (TW) pipeline (NCA T5). A compound will also be used to support these works for material haulage and pre-starts.</p> <p>A Community Agreement has been established for evening and night work along a section of Park Road for up to five nights a week. As part of these works, there will be a full road closure on both sides of Park Road between James Street and east of William Street, five nights a week between 8pm and 5am. This would be for 40 shifts over two months, Monday to Friday. Access would be maintained for residents who live within the work zone.</p> <p>The work front would move, meaning individual homes would not be affected by noise for the full two months. Also, where possible the noisiest activities, such as saw cutting and rock breaking, would be completed during dayshifts within a single lane closure.</p> <p>Out of Hours works will include:</p> <ul style="list-style-type: none"> - Setting up the road closure from 8pm - Excavating trenches for pipe installation - Laying and welding pipe - Covering sections of pipeline in concrete - Backfilling and reinstating affected areas - Re-opening the road in time for morning traffic. <p>The plant and equipment which will be used includes the following:</p> <ul style="list-style-type: none"> • Truck and Dog x 1 • Lighting tower x 4 • Trench Roller x 1 • Tipper x 1 • Light vehicles x 10 • Vacuum truck x 1 • Excavator w bucket (25t) x 2 • Welding tools /oxy x 1 • Concrete vibrator x 1 • Compactor / Wacker packer x 1 <p>Commencement of these works is subject to approval by NSW EPA.</p>
Justification for OOHW	Community Agreement in accordance with EPL Condition E1.1
Proposed Timings	Works outside standard construction hours will be undertaken during the following Out of Hours (OOH) periods:

	<ul style="list-style-type: none">• OOH Period 1 (6 pm- 10pm)• OOH Period 2 (10 pm – 7am)
Worst-case number of consecutive occasions affecting the same receiver:	5
Acoustic Assessment attached? <input checked="" type="checkbox"/> Yes (Refer to Appendix 3) <input type="checkbox"/> No	

C. Assessed Noise and Vibration Impacts and Applicable Mitigation Measures		
Refer to Appendix 3 for quantitative Noise and Vibration Impact Assessment for the works.		
Mitigation Measures		
Noise / Vibration Mitigation Measure	Reasonable / Feasible (Y/N/NA)	Comments
Have you considered programming of noisy activities to reduce community impacts?	N/A	Where possible, noisy works such as saw cutting will be prioritised to be completed during the day period.
Are there alternative plant or methods that can be used to reduce noise?	N/A	No alternative plant or methods are proposed. The nature of open trenching works allows the workfront to progress and ensure nearby receivers are not exposed to noise for multiple nights.
Noise barriers/mats to assist noise management for all noisy works where practical	N/A	Noise barriers will be in place during activities such as saw cutting and rock breaking.
Where possible, trucks and vehicles to be parked up between noisy works when operating near sensitive receivers.	Y	This will be implemented where reasonable and feasible.
All plant and equipment to minimise reversing where possible and must include the use of non-tonal reversing beepers (or an equivalent mechanism, e.g. 'quackers')	Yes	All mobile plant and equipment on site will have non-tonal reversing alarms equipped.
Staff to be briefed before works - no loud talking, excessive use of radios, music, swearing, be mindful of the community. Turn off equipment when not in use. Do not drop tools, equipment, and materials	Yes	Included in inductions and pre-starts.
Supervisors will make note of, and have removed off site and replaced any equipment item observed to have defective noise controls e.g. defective muffler, loose or missing cowling or engine compartment panels etc	Yes	Defective plant and equipment will be identified during plant inductions and during site inspections. Any defective plant/equipment will be removed and/or replaced.
During high noise impact works 3 hours on 1 hour off must be enforced unless the high noise activity is to be completed before midnight.	Yes	High noise impact work will be prioritised to be completed during the day period wherever possible. Where high noise impact works are carried out after 12am these will continue with 3 hours on and 1 hour off.
Can temporary relocation (eg. accommodation) be offered to the adjacent sensitive receivers?	N/A	Alternative accommodation is not proposed as part of this community agreement.
Is minimum distance for cosmetic damage or human comfort triggered	N/A	No vibratory works will be carried out within the minimum working distance.
Are there any additional measures that could be incorporated to further mitigate any noise impacts?	Y	<ul style="list-style-type: none"> All workers are to have completed the project induction and attended the pre-start toolbox. Pre-start toolbox is to include the requirement for workers to leave the site in a quiet and considerate manner after the completion of works, being mindful of the site's neighbours. Workers to communicate through walkie talkies when communicating over large distances (no shouting). Flood lights will be directed down to prevent light spill. Reversing alarms to be non-tonal only. Plant not in use to be switched off. Residential grade mufflers will be fitted. Air brake silencers will be installed and operational. No signalling by horns. No whistles to be used. No shouting. No radios.

Additional Mitigation Measures	Reasonable/Feasible (Y/N/NA)	Comments
		<ul style="list-style-type: none"> No dropping of materials from height, throwing of metal items and slamming of doors. No excessive revving of plant and vehicle engines.
Notification (N)	Y	<ul style="list-style-type: none"> A Gatewave noise model has been developed which models the activity occurring in the work area. The model identified residents to be impacted. The residents were consulted and notified prior to works taking place.
Specific Notification (SN)	Y	<ul style="list-style-type: none"> A specific community consultation script regarding the works was delivered to each of the identified receivers as part of the community agreement process.
Individual Briefing (IB)	Y	<ul style="list-style-type: none"> A specific community consultation script regarding the works was delivered to each of the identified receivers as part of the community agreement process.
Alternative Accommodation (AA)	N	<ul style="list-style-type: none"> Alternative accommodation has not been considered as part of the community agreement.
Verification of predicted noise (V)	Y	<ul style="list-style-type: none"> Attended verification noise monitoring will be carried out at the nearest residential receiver during the start of the works (the closest available location).
Phone Call (PC)	Y	<ul style="list-style-type: none"> A specific community consultation script regarding the works was delivered to each of the identified receivers as part of the community agreement process.
Project Specific Respite Offer (RO)	N	<ul style="list-style-type: none"> Works will continue for 5 consecutive nights in accordance with the community agreement. Respite will be provided on Saturdays and Sundays until completion of the works. High noise activities will be completed during the day period wherever possible.
Duration Respite (DR)	N	<ul style="list-style-type: none"> The works proposed to be completed in accordance with the community agreement will allow the scope of work on Park Road to be completed within a shorter timeframe.

D. Approval Status			
<input checked="" type="checkbox"/> OOHW Approved / Endorsed <input type="checkbox"/> OOHW Approved with conditions (see below) <input type="checkbox"/> OOHW Rejected			
Conditions for Approval: The proposed work will extend beyond 28 calendar days and will contact receivers every 28 days to obtain ongoing agreement. The work must be scheduled to not impact receivers from other works occurring along park road			
Assessment of Risk Factors: <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High			
Position	Name	Signature	Date
Environmental Manager	Alyce Harrington		05/03/2024

Senior Project Engineer	Mina Mousa		05/03/2024
Construction Manager	Aidan O'Driscoll		05/03/2024
Community Manager	Sheila Maidment		05/03/2024

02 April 2024

2024-04-02_TM588-04 Park Road - OOHV Worst Case - ID TM588_071.docx

John Holland
Wadeea Chaudhary
wadeea.chaudhary@jhg.com.au

From: Renzo Tonin and Associates via Gatewave
Calculation scenario: **Park Road - OOHV Worst Case** (Gatewave ID TM588_071)

Upper South Creek – 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 Upper South Creek Advanced Water Recycling Centre 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 previous Construction Noise and Vibration Impact Statements (CNVIS) in accordance with CoA E48. 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 Construction Noise and Vibration Management Plan (USCP-JHG-MPL-ENV-0007, the '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 Justification to complete the works OOH

Works completed in accordance with a community agreement.

3.2 Construction activities

3.2.1 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		
Pipe Install								
Truck and Dog	-	-	1	1	106	111	-	-
Lighting tower	-	-	4	4	105	102	-	-
Trench Roller	-	-	1	1	114	113	Yes	-
Tipper	-	-	1	1	103	111	-	-
Light vehicles	-	-	8	8	98	100	-	-
Vacuum truck	-	-	1	1	107	111	-	-
Excavator w bucket (25t)	-	-	2	2	106	108	-	-
Welding tools /oxy	-	-	1	1	102	105	-	-
Concrete vibrator	-	-	1	1	97	100	-	-
Compactor / Wacker packer	-	-	1	1	108	110	-	-
C6								
Excavator w bucket (25t)	-	-	1	1	102	108	-	-
Truck and Dog	-	-	1	1	105	111	-	-
Light vehicles	-	-	10	-	99	100	-	-
Lighting tower	-	-	3	3	104	102	-	-

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						
NCA T6	0 to 10		0 to 5		0 to 5	0	0 to 5	28
	> 10		6 to 15		6 to 15	0	6 to 15	0
	Over 75 dB(A)		16 to 25		16 to 25	0	16 to 25	0
			> 25		> 25	0	> 25	0
NCA T8	0 to 10		0 to 5		0 to 5	0	0 to 5	0
	> 10		6 to 15		6 to 15	0	6 to 15	0
	Over 75 dB(A)		16 to 25		16 to 25	0	16 to 25	0
			> 25		> 25	0	> 25	0
NCA T5	0 to 10		0 to 5		0 to 5	7	0 to 5	6
	> 10		6 to 15		6 to 15	13	6 to 15	12
	Over 75 dB(A)		16 to 25		16 to 25	6	16 to 25	12
			> 25		> 25	0	> 25	0
Industrial	0 to 10		0 to 5		0 to 5	0	0 to 5	0
	> 10		6 to 15		6 to 15	0	6 to 15	0
	Over 75 dB(A)		16 to 25		16 to 25	0	16 to 25	0
			> 25		> 25	0	> 25	0
Educational	0 to 10		0 to 5		0 to 5	0	0 to 5	0
	> 10		6 to 15		6 to 15	0	6 to 15	0
	Over 75 dB(A)		16 to 25		16 to 25	0	16 to 25	0
			> 25		> 25	0	> 25	0
Recreational - Passive	0 to 10		0 to 5		0 to 5	0	0 to 5	0
	> 10		6 to 15		6 to 15	0	6 to 15	0

NCA	Day		Day (OOH)		Evening		Night		
	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	dB(A) above NML	No. of properties	
	Over 75 dB(A)		16 to 25		16 to 25	0	16 to 25	0	
			> 25		> 25	0	> 25	0	
Hotel/Motel/Hotel	0 to 10		0 to 5		0 to 5	0	0 to 5	0	
	> 10		6 to 15		6 to 15	0	6 to 15	0	
	Over 75 dB(A)		16 to 25		16 to 25	0	16 to 25	0	
Horse Stable	Over 75 dB(A)		> 25		> 25	0	> 25	0	
		0 to 10		0 to 5		0 to 5	0	0 to 5	0
		> 10		6 to 15		6 to 15	0	6 to 15	0
Commercial	Over 75 dB(A)		16 to 25		16 to 25	0	16 to 25	0	
	Place of Worship	0 to 10		0 to 5		0 to 5	0	0 to 5	0
		> 10		6 to 15		6 to 15	0	6 to 15	0
Over 75 dB(A)			16 to 25		16 to 25	0	16 to 25	0	
Recreational - Active	Over 75 dB(A)		> 25		> 25	0	> 25	0	
		0 to 10		0 to 5		0 to 5	0	0 to 5	0
		> 10		6 to 15		6 to 15	0	6 to 15	0
	Over 75 dB(A)		16 to 25		16 to 25	0	16 to 25	0	
			> 25		> 25	0	> 25	0	
	0 to 10		0 to 5		0 to 5	0	0 to 5	0	

NCA	Day		Day (OOH)		Evening		Night	
	dB(A) above NML	No. of properties						
Community centre	> 10		6 to 15		6 to 15	0	6 to 15	0
	Over 75 dB(A)		16 to 25		16 to 25	0	16 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
Trench Roller		5	5	20	5
Compactor / Wacker packer	RTA COMPAC_007	5	5	15	5

Notes:

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

4.3 Mitigation measures

4.3.1 Specific reasonable and feasible mitigation measures

Specific mitigation measures detailed in the OOHW Permit and community agreement document.

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
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
OOHW Period 2* M-F 10pm to 7am Sat 10pm to 8am Sun/ PH 6pm to 8am	< 5 dB(A)	N	AM6
	5 to 15 dB(A)	V, N, R2, DR	AM7
	15 to 25 dB(A)	V, N, SN, IB, PC, R2, DR	AM8
	> 25 dB(A)	AA, V, N, SN, IB, PC, R2, DR	AM9

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

4.3.3 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
NCA T6	72 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	44	44	43
NCA T6	5 MONTELIMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	44	44	43
NCA T6	3 MONTELIMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	44	44	43
NCA T8	25 MATINGARA WAY, WALLACIA, NSW	Residential	50	45	40	35	55	65	-	-	34	34	33
NCA T8	951 GREENDALE ROAD, WALLACIA, NSW	Residential	50	45	40	35	55	65	-	-	32	32	31
NCA T8	1 MATINGARA WAY, WALLACIA, NSW	Residential	50	45	40	35	55	65	-	-	32	32	31
NCA T5	148 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	72	72	70
NCA T5	1 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	71	71	70
NCA T5	2-10 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	66	66	65

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 CNVMP.

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 Appendix F of the CNVG.

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

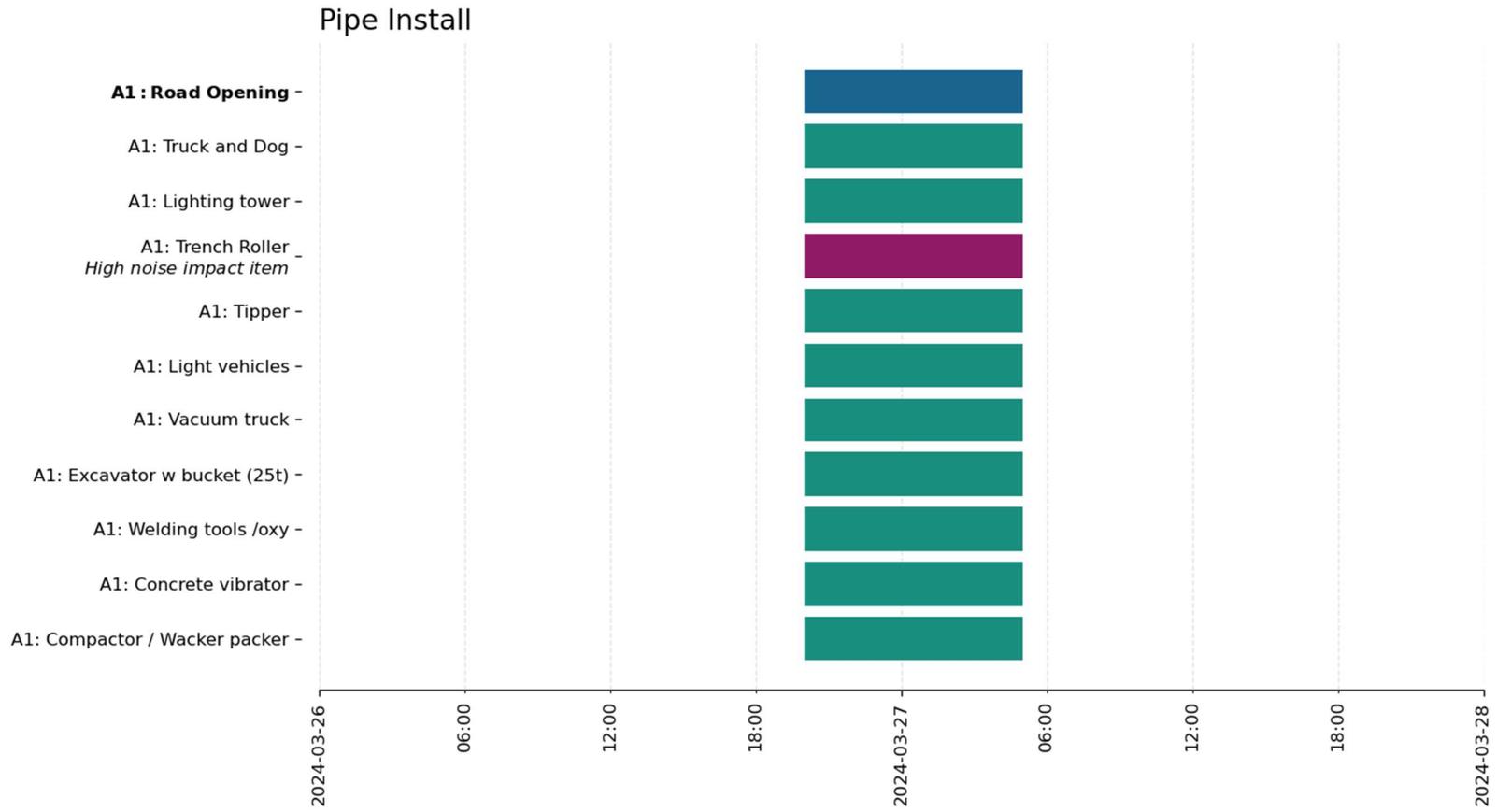
A.1 Plant and equipment

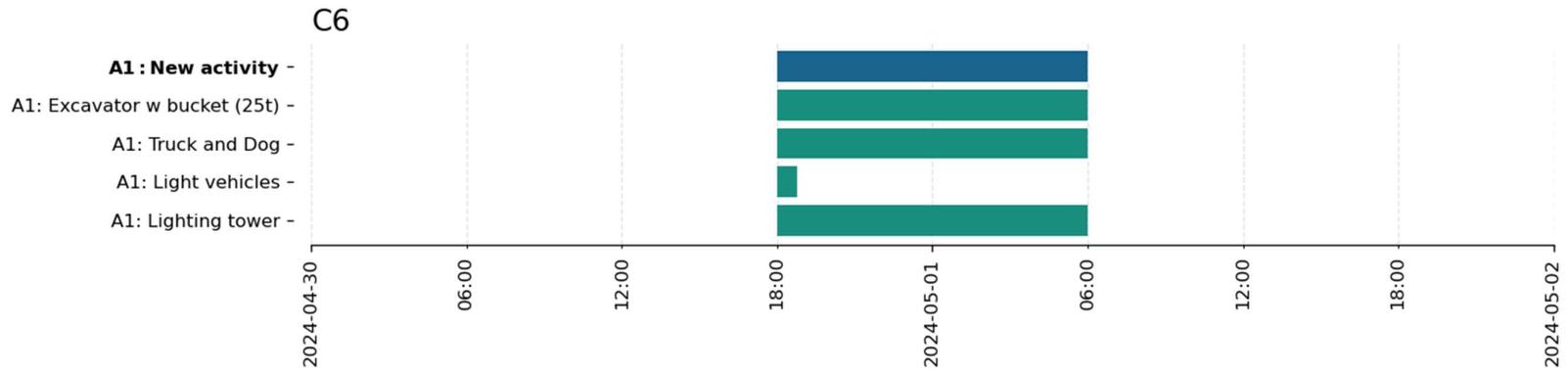
Table 6: Plant and equipment schedule for work area: **Pipe Install**

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
Road Opening								
Truck and Dog	-	1	100%	0	106	111	2024-03-26 20:00:00	2024-03-27 05:00:00
Lighting tower	-	4	100%	0	105	102	2024-03-26 20:00:00	2024-03-27 05:00:00
Trench Roller	5	1	100%	0	114	113	2024-03-26 20:00:00	2024-03-27 05:00:00
Tipper	-	1	100%	0	103	111	2024-03-26 20:00:00	2024-03-27 05:00:00
Light vehicles	-	8	100%	0	98	100	2024-03-26 20:00:00	2024-03-27 05:00:00
Vacuum truck	-	1	100%	0	107	111	2024-03-26 20:00:00	2024-03-27 05:00:00
Excavator w bucket (25t)	-	2	100%	0	106	108	2024-03-26 20:00:00	2024-03-27 05:00:00
Welding tools /oxy	-	1	100%	0	102	105	2024-03-26 20:00:00	2024-03-27 05:00:00
Concrete vibrator	-	1	100%	0	97	100	2024-03-26 20:00:00	2024-03-27 05:00:00
Compactor / Wacker packer	-	1	100%	0	108	110	2024-03-26 20:00:00	2024-03-27 05:00:00

Table 7: Plant and equipment schedule for work area: C6

Equipment	Penalty, dB(A)	Quantity	Intensity	Reduction, dB	Sound power level, dB(A)		Start time	End time
					L _{eq,15min}	L _{max}		
New activity								
Excavator w bucket (25t)	-	1	85%	0	102	108	2024-04-30 18:00:00	2024-05-01 06:00:00
Truck and Dog	-	1	85%	0	105	111	2024-04-30 18:00:00	2024-05-01 06:00:00
Light vehicles	-	10	100%	0	99	100	2024-04-30 18:00:00	2024-04-30 18:45:00
Lighting tower	-	3	100%	0	104	102	2024-04-30 18:00:00	2024-05-01 06:00:00





APPENDIX B **Detailed construction noise results**

Table 8: Construction noise results

Receiver	Land use	Noise management 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
148 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	72	72	70	-	-	AM5	AM7
1 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	71	71	70	-	-	-	-
1 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	71	71	70	-	-	AM5	AM7
1 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	69	69	68	-	-	-	-
2-10 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	66	66	65	-	-	AM4	AM7
2 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	66	66	65	-	-	AM4	AM7
1 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	65	65	64	-	-	AM4	AM6
1 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	65	65	64	-	-	-	-
127 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	65	65	64	-	-	AM4	AM6
1-9 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	64	64	62	-	-	-	-
2 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	63	63	62	-	-	-	-
12-20 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	62	62	61	-	-	AM4	AM6
1-9 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	62	62	61	-	-	-	-
169 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	62	62	60	-	-	AM4	AM6
2 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	61	61	60	-	-	-	-
169 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	61	61	60	-	-	-	-
2-10 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	60	60	59	-	-	-	-
2 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	60	60	59	-	-	AM1	AM6
9 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	60	60	59	-	-	AM1	AM6
9 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	60	60	58	-	-	-	-
1-9 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	59	59	58	-	-	AM1	AM6
11-19 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	58	58	57	-	-	AM1	AM6
None	Non-receiver	999	999	999	999	None	None	-	-	58	58	56	-	-	-	-
1-9 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	57	57	56	-	-	-	-
278 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	57	57	63	-	-	-	-
2 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	57	57	56	-	-	AM1	AM6
11-19 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	57	57	56	-	-	AM1	AM6
137 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	56	56	55	-	-	AM1	AM6
9 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	56	56	55	-	-	-	-
278 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	56	56	61	-	-	AM1	AM6
9 WILLIAM STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	55	55	54	-	-	-	-
22-34 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	55	55	54	-	-	AM1	AM2
137 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	55	55	54	-	-	-	-
115 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	55	55	54	-	-	-	-
1-9 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	54	54	53	-	-	-	-
19-29 WILLIAM STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	54	54	53	-	-	AM1	AM2
115 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	54	54	53	-	-	AM1	AM2
127 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	54	54	53	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night	
137 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	54	54	53	-	-	-	-	
137 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	54	54	53	-	-	-	-	
169 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	54	54	53	-	-	-	-	
19-29 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	53	53	52	-	-	-	-	
11-19 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	53	53	52	-	-	AM1	AM2	
19-29 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	53	53	52	-	-	-	-	
90 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	53	53	52	-	-	AM1	AM2	
137 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	53	53	52	-	-	-	-	
1-9 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	52	52	51	-	-	-	-	
151 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	52	52	51	-	-	-	-	
19-29 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	52	52	51	-	-	-	-	
22-34 WILLIAM STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	52	52	51	-	-	-	-	
137 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	52	52	51	-	-	-	-	
151 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	51	51	50	-	-	-	-	
169 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	51	51	50	-	-	-	-	
35-39 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	51	51	50	-	-	-	-	
35-39 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	51	51	50	-	-	-	-	
169 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	51	51	50	-	-	-	-	
197 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	51	51	50	-	-	-	-	
21-33 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	51	51	50	-	-	-	-	
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	51	51	50	-	-	-	-	
278 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	50	50	56	-	-	-	-	
90 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	50	50	49	-	-	-	-	
82 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	50	50	49	-	-	-	-	
151 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	49	49	48	-	-	-	AM2	
90 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	49	49	48	-	-	-	-	
21-33 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	49	49	48	-	-	-	-	
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	49	49	48	-	-	-	-	
278 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	48	48	54	-	-	-	-	
21-33 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	48	48	47	-	-	-	-	
21-33 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	48	48	47	-	-	-	-	
35-39 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	48	48	47	-	-	-	-	
19-29 WILLIAM STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	48	48	47	-	-	-	-	
290-298 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	48	48	53	-	-	-	-	
21-33 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	48	48	46	-	-	-	-	
223 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	48	48	46	-	-	-	AM2	
235 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	47	47	53	-	-	-	AM2	
1-9 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	47	47	46	-	-	-	-	
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	46	46	45	-	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min			Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
35-39 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	46	46	45	-	-	-	-
82 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	46	46	45	-	-	-	AM2
90 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	46	46	45	-	-	-	AM2
235 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	46	46	45	-	-	-	AM2
35-39 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	46	46	45	-	-	-	AM2
197 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	46	46	45	-	-	-	-
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	46	46	45	-	-	-	-
41-49 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	46	46	45	-	-	-	-
217 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	45	45	44	-	-	-	-
76 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	45	45	44	-	-	-	-
76 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	45	45	44	-	-	-	-
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	44	44	44	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	44	44	50	-	-	-	-
72 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	44	44	43	-	-	-	AM1
5 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	44	44	43	-	-	-	AM1
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	44	44	43	-	-	-	-
35-39 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	44	44	43	-	-	-	-
3 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	44	44	43	-	-	-	AM1
30-32 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	44	44	43	-	-	-	AM1
279-299 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	44	44	50	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	44	44	43	-	-	-	-
41-49 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	44	44	43	-	-	-	-
4 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	43	43	42	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	45	-	-	-	-
82 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	43	43	42	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	49	-	-	-	-
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	42	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	42	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	42	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	48	-	-	-	-
6 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	43	43	42	-	-	-	AM1
279-299 PARK ROAD, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	43	43	48	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	43	43	48	-	-	-	-
197 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	42	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	42	-	-	-	-
257-277 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	43	43	44	-	-	-	-
62 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	43	43	42	-	-	-	AM1
290-298 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	43	43	48	-	-	-	AM1
22 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	42	42	41	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax		Additional mitigation		
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
10 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
31-34 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
72 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	42	42	41	-	-	-	-
9 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
27-30 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
34-36 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
149 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	42	42	41	-	-	-	-
217 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	42	42	46	-	-	-	-
46-48 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	42	42	48	-	-	-	-
68 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
217 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	42	42	41	-	-	-	-
10 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
18-26 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
68 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	42	42	41	-	-	-	AM1
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	42	42	40	-	-	-	-
147 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
12 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
27-30 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	40	-	-	-	-
18-26 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
54-56 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
6 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	41	41	40	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	47	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	40	-	-	-	-
21-27 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
42-44 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	40	-	-	-	-
30-32 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
34-36 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
58-60 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	47	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	40	-	-	-	-
13 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
42-44 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
5 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	41	41	40	-	-	-	-
62 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	41	41	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
7 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	47	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	40	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	41	41	40	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	40	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	41	41	46	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	46	-	-	-	-
51-59 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
71-79 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	41	41	40	-	-	-	AM1
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	41	41	46	-	-	-	-
147 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	40	-	-	-	-
27-30 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	40	-	-	-	-
30-32 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	40	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	46	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	46	-	-	-	-
11 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
5 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	39	-	-	-	-
6 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	39	-	-	-	-
66-68 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	39	-	-	-	-
30 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
31-34 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	46	-	-	-	-
71-79 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
1-4 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
11 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
6 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	39	-	-	-	-
76 PARK ROAD, WALLACIA, NSW	Under construction	999	999	999	999	None	None	-	-	40	40	39	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	39	-	-	-	-
10 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
13 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
2 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
8 DENTON PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	39	-	-	-	-
8 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	39	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	39	-	-	-	-
51-59 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	39	-	-	-	-
18-20 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
5 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	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
68 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
7 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	46	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	46	-	-	-	-
219 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
257-277 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	45	-	-	-	-
1-4 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
5 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	39	-	-	-	-
5-10 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
62-64 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
8 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	40	40	46	-	-	-	-
11-16 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
15-19 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	46	-	-	-	-
149 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
219 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	39	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	39	-	-	-	-
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	39	-	-	-	-
4 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	39	-	-	-	-
12-13 SALADILLO GROVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	39	-	-	-	-
31-34 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	39	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	45	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	40	40	45	-	-	-	-
18 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	38	-	-	-	-
29 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	40	40	38	-	-	-	-
37-43 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	38	-	-	-	-
9 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	40	40	38	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	39	39	45	-	-	-	-
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	38	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	39	-	-	-	-
257-277 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	44	-	-	-	-
2 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
38-40 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
45-49 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
50-52 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
58-60 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	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
27-30 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
3 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	39	39	38	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	38	-	-	-	-
22 MURROBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
6 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
68 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	39	39	38	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	39	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	40	-	-	-	-
1-4 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	45	-	-	-	-
1 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
10 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	39	39	38	-	-	-	-
2 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	39	39	38	-	-	-	-
29 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
5 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
59-61 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
169 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	38	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	38	-	-	-	-
21-27 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	39	39	38	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	38	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	38	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	39	-	-	-	-
12 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
34 MURROBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
7 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	39	39	38	-	-	-	-
61-69 JAMES STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	39	39	38	-	-	-	-
7 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	39	39	38	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	39	39	44	-	-	-	-
221 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	38	-	-	-	-
2-4 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	38	-	-	-	-
6 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-
2-4 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-
7 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	38	38	37	-	-	-	-
10 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-
11-16 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-
2 LARK PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-
4 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night	
6 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
70-72 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
257-277 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	43	-	-	-	-	
12-16 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
3 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
42-44 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
70-72 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	38	38	37	-	-	-	-	
71-79 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	37	-	-	-	-	
29 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	37	-	-	-	-	
46-48 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
5-6 SALADILLO GROVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	38	38	44	-	-	-	-	
15-19 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	37	-	-	-	-	
26 DRIVER AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	37	-	-	-	-	
37 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	37	-	-	-	-	
257-277 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	44	-	-	-	-	
26 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
3 LARK PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
11-16 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
13 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
24 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
28 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
32 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
4 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
70-72 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
9 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	37	-	-	-	-	
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	38	38	43	-	-	-	-	
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	38	38	43	-	-	-	-	
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	38	38	43	-	-	-	-	
257-277 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	38	38	41	-	-	-	-	
257-277 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	38	38	41	-	-	-	-	
11 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	36	-	-	-	-	
11 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	36	-	-	-	-	
1A PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	36	-	-	-	-	
21-27 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	36	-	-	-	-	
5 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	38	38	36	-	-	-	-	
257-277 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	37	37	40	-	-	-	-	
5 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	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
51-53 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
6 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	37	37	36	-	-	-	-
74-76 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
74-76 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
16 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
36 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
54-56 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
61-69 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	37	37	36	-	-	-	-
20 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
28 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
46-48 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	37	37	43	-	-	-	-
10 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
10 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
12 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
12-13 SALADILLO GROVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
18-20 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	37	37	43	-	-	-	-
221 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	37	37	36	-	-	-	-
11-16 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
29 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	37	37	36	-	-	-	-
78-80 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
8 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	43	-	-	-	-
10 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
10-11 SALADILLO GROVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	37	37	36	-	-	-	-
257-277 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	37	37	43	-	-	-	-
8 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
1 ROMA AVENUE, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	37	37	36	-	-	-	-
10-11 SALADILLO GROVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
11 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
4 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
5 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	37	37	36	-	-	-	-
12 DENTON PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	36	-	-	-	-
36 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	36	-	-	-	-
6 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	36	-	-	-	-
7 MONTELMAR PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	36	-	-	-	-
7 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	36	-	-	-	-
8-10 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	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
10A PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
22 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
55-57 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
6 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
63-65 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
3 GOLFVIEW DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
33 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
34-36 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	36	36	35	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	36	36	41	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	36	36	40	-	-	-	-
11 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
30 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
58-62 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
58-62 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
8-10 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
14 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
2-6 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
26 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
4 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	42	-	-	-	-
149 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	35	-	-	-	-
29 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
149 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	35	-	-	-	-
81 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	36	36	35	-	-	-	-
16 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
26 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
5-9 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
59-61 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	35	-	-	-	-
67-69 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
7 SALADILLO GROVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
8 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	35	-	-	-	-
8-9 SALADILLO GROVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
90-94 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	35	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	42	-	-	-	-
219 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	35	-	-	-	-
3 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
5 GOLFVIEW DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
5 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	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
72-80 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
82-88 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
81, JAMES STREET, WALLACIA NSW 2745	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
13 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
18 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
56 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
2 LARK PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	36	36	35	-	-	-	-
27 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
3 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
40 GREENDALE ROAD, WALLACIA, NSW	Community centre	60	60	60	60	None	None	-	-	36	36	35	-	-	-	-
82-84 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	35	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	36	36	36	-	-	-	-
20 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	34	-	-	-	-
8 LARK PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	36	36	34	-	-	-	-
18 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
5-10 KADIERA CLOSE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
62-64 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
71-73 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
9 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
91-101 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
300-320 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	35	35	41	-	-	-	-
46 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
55-57 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	39	-	-	-	-
14 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
18-20 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
6 LARK PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
1 ROMA AVENUE, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	35	35	34	-	-	-	-
118-120 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
45-49 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
7 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
75-77 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
89 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
71-79 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	35	35	34	-	-	-	-
12A MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
1590-1594 MULGOA ROAD, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	35	35	34	-	-	-	-
16 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
44 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
5 LARK PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	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
103-139 GREENDALE ROAD, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	35	35	34	-	-	-	-
10A PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
19 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
5-6 SALADILLO GROVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
73 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
85 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
86-88 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
14 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
22 JAMES STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	35	35	39	-	-	-	-
102-106 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
103-139 GREENDALE ROAD, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	35	35	34	-	-	-	-
11-13 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
12A MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
21 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
32 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	35	35	40	-	-	-	-
221 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	35	35	36	-	-	-	-
12 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
16 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	35	35	34	-	-	-	-
22 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
37-43 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
72-80 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
82-88 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	35	35	34	-	-	-	-
323-341 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	35	35	40	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	37	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	36	-	-	-	-
257-277 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	38	-	-	-	-
122 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	34	-	-	-	-
18 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	34	-	-	-	-
25 PARK ROAD, WALLACIA, NSW	Place of Worship	55	55	55	55	None	None	-	-	34	34	34	-	-	-	-
34 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	34	-	-	-	-
36 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	34	-	-	-	-
94 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	34	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	40	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	38	-	-	-	-
1 DENTON PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
1 ROMA AVENUE, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	34	34	33	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min			Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
114-116 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
12 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
12-16 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
13 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
18 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
18 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
21A DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
38 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
67-69 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
71 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	40	-	-	-	-
103-139 GREENDALE ROAD, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	34	34	33	-	-	-	-
118-120 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
25 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
78-80 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
79-81 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
9 LARK PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
9 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
9 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	36	-	-	-	-
11 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
2 EAGLE STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
21 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
21 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
55 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
66-68 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
8 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
85 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
25 MATINGARA WAY, WALLACIA, NSW	Residential	50	45	40	35	55	65	-	-	34	34	33	-	-	-	-
12 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
128 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
13 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
13 PARK ROAD, WALLACIA, NSW	Recreational - Active	65	65	65	65	None	None	-	-	34	34	33	-	-	-	-
13 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
42 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
7 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
7 SALADILLO GROVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
9 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
96-100 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min			Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
96-100 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	40	-	-	-	-
10 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
11-13 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
27 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
34 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
52 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
52 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
53 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
58-62 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
82-88 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	39	-	-	-	-
128 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
2 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
2 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
2 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
2-6 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
22 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
54 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
108-112 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
15 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
22 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
47 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
6 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	40	-	-	-	-
141-161 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
16 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	33	-	-	-	-
22 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
103-139 GREENDALE ROAD, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	34	34	33	-	-	-	-
11 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
18 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
2 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
59 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
79-81 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	33	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	34	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	39	-	-	-	-
81 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	34	34	32	-	-	-	-
1029 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	32	-	-	-	-
26 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	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
8 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	32	-	-	-	-
8 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	34	34	32	-	-	-	-
81-83 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	34	34	32	-	-	-	-
11-13 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
16 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
20 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
23 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
4 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
57 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
1504-1508 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
10 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
1027 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
11 PARK ROAD, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	33	33	32	-	-	-	-
14 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
16 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
20 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
20 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	33	33	35	-	-	-	-
1578 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
16 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
20 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
20 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
20 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
22 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
33 DRIVER AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
36 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
6 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
7 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
322 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	39	-	-	-	-
223 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	33	33	32	-	-	-	-
11 PARK ROAD, WALLACIA, NSW	Mixed-use	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
14C DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
2 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
2-4 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
29 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
3 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
7 SALADILLO GROVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
74-76 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
1534 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	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	
235 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	33	33	35	-	-	-	-	
1595-1597 MULGOA ROAD, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	33	33	32	-	-	-	-	
3 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
69 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
343-351 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	33	33	39	-	-	-	-	
12 ROMA AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-	
1599 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
17 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
17 ROMA AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-	
19 PETER PAN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-	
2 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
2 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
2 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
27 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
3 GOLFVIEW DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-	
3 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
77 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
1504-1508 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-	
323-341 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	33	33	39	-	-	-	-	
1558 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
1568 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
1587 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
24 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
31 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
63 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
14 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
19 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
2 MATINGARA WAY, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
5 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
75 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
8-10 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-	
1504-1508 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-	
343-351 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	33	33	38	-	-	-	-	
114-116 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-	
1586 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
26 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
6 BYRON AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
67 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-	
79-81 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	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
8 MATINGARA WAY, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	32	-	-	-	-
90-94 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
1504-1508 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
25 MATINGARA WAY, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	33	33	32	-	-	-	-
322 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	33	33	38	-	-	-	-
323-341 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	32	32	36	-	-	-	-
10 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	32	-	-	-	-
15 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	32	-	-	-	-
31-35 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	32	-	-	-	-
4 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	32	-	-	-	-
7 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	32	-	-	-	-
1504-1508 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	32	-	-	-	-
12 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
15 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
28 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
45 GREENDALE ROAD, WALLACIA, NSW	Recreational - Passive	60	60	60	60	None	None	-	-	32	32	31	-	-	-	-
51 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
8 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
9 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
219 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
10 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
103-139 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
11 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
11 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
1584 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
32 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
4 EAGLE STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
7 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
7 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	32	32	37	-	-	-	-
15 PETER PAN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
1589 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
5-9 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
7 LARK PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
334 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	38	-	-	-	-
257-277 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	32	32	31	-	-	-	-
1025 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
122 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
122 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min			Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1573-1585 MULGOA ROAD, WALLACIA, NSW	Educational	55	55	55	55	None	None	-	-	32	32	31	-	-	-	-
17 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
20 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
22 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
26 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
5-10 KADIERA CLOSE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
63-65 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
9 LARK PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
11 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
122 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
24 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
49 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
5 LARK PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
61 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
91 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
951 GREENDALE ROAD, WALLACIA, NSW	Residential	50	45	40	35	55	65	-	-	32	32	31	-	-	-	-
14 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
14 ROMA AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
2 SILVERDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
74-76 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
79-81 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
90-94 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
1550 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
279-299 PARK ROAD, WALLACIA, NSW	Horse Stable	60	60	60	60	None	None	-	-	32	32	37	-	-	-	-
100 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
100 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
108-112 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
13 PETER PAN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
1573-1585 MULGOA ROAD, WALLACIA, NSW	Educational	55	55	55	55	None	None	-	-	32	32	31	-	-	-	-
1595-1597 MULGOA ROAD, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	32	32	31	-	-	-	-
3 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
1 MATINGARA WAY, WALLACIA, NSW	Residential	50	45	40	35	55	65	-	-	32	32	31	-	-	-	-
12 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
13 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
1582 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
19 PETER PAN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
25 DRIVER AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-
4 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-
41 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night	
5 BYRON AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-	
8 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-	
343-351 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	32	32	36	-	-	-	-	
81 JAMES STREET, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	32	32	31	-	-	-	-	
1 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-	
1580 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-	
16 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-	
19 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-	
2 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-	
22 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-	
3 MURROOBAH ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-	
54 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	32	32	31	-	-	-	-	
71 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	31	-	-	-	-	
128 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	30	-	-	-	-	
22 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	30	-	-	-	-	
3 GREEN STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	30	-	-	-	-	
3 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	32	32	30	-	-	-	-	
4 LARK PLACE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
41 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
43 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
45 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-	
5 BYRON AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
103-139 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-	
128 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-	
13 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
18 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-	
18 ALWYN AVENUE, WALLACIA, NSW	Commercial	70	70	70	70	None	None	-	-	31	31	30	-	-	-	-	
18 ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	31	31	30	-	-	-	-	
23 DRIVER AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-	
24 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
4 LARK PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-	
94 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
11 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
1642 GREENDALE ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	31	31	30	-	-	-	-	
23 PETER PAN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-	
51 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
7 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-	
1535-1567 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-	
301 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	31	31	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
102-106 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
18 ROMA AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
22 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
28 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
4 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
5 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
7 DRIVER AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
82-84 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
1534 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
951 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
102-106 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
1586 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
21 PETER PAN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
24 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
6 EAGLE STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
65 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
86-88 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
102-106 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
12 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
1573-1585 MULGOA ROAD, WALLACIA, NSW	Educational	55	55	55	55	None	None	-	-	31	31	30	-	-	-	-
1605 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
1638 GREENDALE ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	31	31	30	-	-	-	-
23 PETER PAN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
30 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
36 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
4 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
86-88 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
1550 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
1 DENTON PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
1591 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
17 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
24 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
24 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
71-73 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
86-88 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
1620 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	31	31	36	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	31	31	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
100 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
1593 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
16 PARK ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
20 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
5 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
1 WATER STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
1570 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
1573-1585 MULGOA ROAD, WALLACIA, NSW	Educational	55	55	55	55	None	None	-	-	31	31	30	-	-	-	-
20 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	31	31	30	-	-	-	-
20 MATINGARA WAY, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
23 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
6 GREEN STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	31	31	30	-	-	-	-
1574-1576 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	30	-	-	-	-
7 EAGLE STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	30	-	-	-	-
1550 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	30	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	30	30	36	-	-	-	-
1570 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
1642 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
6 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
1 WATER STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
103-139 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
1562 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
1564 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
1566 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
1572 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	30	30	29	-	-	-	-
27 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
79 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
1501-1533 MULGOA ROAD, MULGOA, NSW	Industrial	75	75	75	75	None	None	-	-	30	30	29	-	-	-	-
1550 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
353-361 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	30	30	35	-	-	-	-
1560 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
1564 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
1566 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
2 BYRON AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
22 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
7 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
301 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	30	30	35	-	-	-	-
353-361 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	30	30	34	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min			Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
14 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
1562 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
16 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
2 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
23 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
1550 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
114-116 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
141-161 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
15 PETER PAN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
2 BYRON AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
25 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
25 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
33-37 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
7 EAGLE STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
353-361 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	30	30	33	-	-	-	-
103-139 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
13 DRIVER AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
2 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
45 GREENDALE ROAD, WALLACIA, NSW	Recreational - Passive	60	60	60	60	None	None	-	-	30	30	29	-	-	-	-
1620 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
353-361 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	30	30	34	-	-	-	-
1607 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
85 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
343-351 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	30	30	35	-	-	-	-
1599 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
17 ROMA AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
7 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
8 MATINGARA WAY, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
1027 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
1605 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
3 BYRON AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	29	-	-	-	-
43 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
61 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
91 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	29	-	-	-	-
21 DRIVER AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	30	30	28	-	-	-	-
5 DRIVER AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	28	-	-	-	-
9 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	30	30	28	-	-	-	-
343-351 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	29	29	35	-	-	-	-
1029 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min			Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
13 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
3 EAGLE STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
4 BYRON AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
6 SILVERDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
25 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
6 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
1587 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
1589 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
5 EAGLE STREET, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
1 WATER STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
353-361 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	29	29	33	-	-	-	-
1027 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
54 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
71-73 DAVENPORT DRIVE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
1484-1502 MULGOA ROAD, MULGOA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
1535-1567 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
363 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	29	29	34	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	29	29	34	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	29	29	34	-	-	-	-
11 ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
91 DAVENPORT DRIVE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
1593 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
8 SILVERDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
1638 GREENDALE ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	29	29	28	-	-	-	-
1535-1567 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
1573-1585 MULGOA ROAD, WALLACIA, NSW	Educational	55	55	55	55	None	None	-	-	29	29	28	-	-	-	-
1603 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	29	29	28	-	-	-	-
21 DRIVER AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
380 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	29	29	33	-	-	-	-
1642 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
69 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	29	29	28	-	-	-	-
363 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	28	28	33	-	-	-	-
363 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	28	28	33	-	-	-	-
32 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	28	-	-	-	-
1 WATER STREET, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	28	-	-	-	-
1535-1567 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
1 ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min			Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	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 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	28	28	27	-	-	-	-
1573-1585 MULGOA ROAD, WALLACIA, NSW	Educational	55	55	55	55	None	None	-	-	28	28	27	-	-	-	-
1504-1508 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
1638 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
5 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	28	28	27	-	-	-	-
1638 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
1638 GREENDALE ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	28	28	27	-	-	-	-
353-361 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	28	28	33	-	-	-	-
386 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	28	28	31	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
2 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	28	28	27	-	-	-	-
32 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Residential	55	50	45	40	55	65	-	-	28	28	34	-	-	-	-
1027 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
3 SHELLEY ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	28	28	27	-	-	-	-
344 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	28	28	33	-	-	-	-
16 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
384 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	28	28	33	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	27	-	-	-	-
4 SILVERDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	28	28	27	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	28	28	26	-	-	-	-
353-361 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	30	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	32	-	-	-	-
384 PARK ROAD, LUDDENHAM, NSW	Residential	55	50	45	40	55	65	-	-	27	27	32	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	27	27	26	-	-	-	-
9 GREENDALE ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	27	27	26	-	-	-	-
1501-1533 MULGOA ROAD, MULGOA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
344 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	33	-	-	-	-
353-361 PARK ROAD, WALLACIA, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	31	-	-	-	-

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min			Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night
1601 MULGOA ROAD, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	27	27	26	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	27	27	26	-	-	-	-
386 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	33	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	27	27	26	-	-	-	-
1620 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
380 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	33	-	-	-	-
1638 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	27	27	26	-	-	-	-
385 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	31	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	27	27	26	-	-	-	-
1535-1567 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	33	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	31	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	27	27	26	-	-	-	-
23 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
3 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
380 PARK ROAD, LUDDENHAM, NSW	Residential	55	50	45	40	55	65	-	-	27	27	32	-	-	-	-
16 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	27	27	26	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Recreational - Active	65	65	65	65	None	None	-	-	27	27	26	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	31	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	27	27	26	-	-	-	-
380 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	32	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	31	-	-	-	-
364 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	27	27	31	-	-	-	-
386 PARK ROAD, LUDDENHAM, NSW	Residential	55	50	45	40	55	65	-	-	27	27	30	-	-	-	-
1589 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
9 SHELLEY ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	27	27	26	-	-	-	-
406 PARK ROAD, LUDDENHAM, NSW	Residential	55	50	45	40	55	65	-	-	26	26	31	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	26	26	26	-	-	-	-
386 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	26	26	32	-	-	-	-
1601 MULGOA ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	25	-	-	-	-
417 PARK ROAD, LUDDENHAM, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	30	-	-	-	-
141-161 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	25	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	26	26	25	-	-	-	-
6 SHELLEY ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	25	-	-	-	-
8 ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	26	26	25	-	-	-	-
363 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	26	26	29	-	-	-	-
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	26	26	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	
13 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	25	-	-	-	-	
19 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	25	-	-	-	-	
20 MURROOBAH ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	25	-	-	-	-	
384 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	26	26	32	-	-	-	-	
2 SHELLEY ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	25	-	-	-	-	
386 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	26	26	32	-	-	-	-	
1B ALWYN AVENUE, WALLACIA, NSW	Residential	55	50	45	40	55	65	-	-	26	26	25	-	-	-	-	
363 PARK ROAD, LUDDENHAM, NSW	Non-receiver	999	999	999	999	None	None	-	-	26	26	30	-	-	-	-	
45 WILLOWDENE AVENUE, LUDDENHAM, NSW	Residential	55	50	45	40	55	65	-	-	26	26	28	-	-	-	-	
386 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	25	25	31	-	-	-	-	
384 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	25	25	31	-	-	-	-	
363 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	25	25	28	-	-	-	-	
29 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	25	25	24	-	-	-	-	
13 SHELLEY ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	25	25	24	-	-	-	-	
8 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	25	25	24	-	-	-	-	
380 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	25	25	28	-	-	-	-	
3 LARK PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	25	25	24	-	-	-	-	
40 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	25	25	24	-	-	-	-	
386 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	25	25	31	-	-	-	-	
386 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	25	25	31	-	-	-	-	
386 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	25	25	28	-	-	-	-	
17 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	25	25	24	-	-	-	-	
385 PARK ROAD, LUDDENHAM, NSW	Non-receiver	999	999	999	999	None	None	-	-	25	25	30	-	-	-	-	
385 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	25	25	30	-	-	-	-	
385 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	24	24	30	-	-	-	-	
417 PARK ROAD, LUDDENHAM, NSW	Residential	55	50	45	40	55	65	-	-	24	24	30	-	-	-	-	
384 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	24	24	27	-	-	-	-	
385 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	24	24	26	-	-	-	-	
1B ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	24	24	23	-	-	-	-	
385 PARK ROAD, LUDDENHAM, NSW	Non-receiver	999	999	999	999	None	None	-	-	24	24	27	-	-	-	-	
417 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	24	24	25	-	-	-	-	
417 PARK ROAD, LUDDENHAM, NSW	Non-receiver	999	999	999	999	None	None	-	-	24	24	25	-	-	-	-	
6 SILVERDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	23	23	22	-	-	-	-	
406 PARK ROAD, LUDDENHAM, NSW	Non-receiver	999	999	999	999	None	None	-	-	23	23	27	-	-	-	-	
384 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	23	23	26	-	-	-	-	
2 SHELLEY ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	23	23	22	-	-	-	-	
417 PARK ROAD, LUDDENHAM, NSW	Non-receiver	999	999	999	999	None	None	-	-	23	23	25	-	-	-	-	
128 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	23	23	22	-	-	-	-	
429 PARK ROAD, LUDDENHAM, NSW	Residential	55	50	45	40	55	65	-	-	23	23	24	-	-	-	-	

Receiver		Noise management levels (NMLs), dB(A)				Sleep disturbance goals, dB(A)		Predicted noise levels, dB(A) Leq,15min				Predicted noise levels, dB(A) Lmax		Additional mitigation			
Address	Land use	NML Day	NML Day (OOH)	NML Evening	NML Night	Lmax (screening)	Lmax (limit)	Day	Day (OOH)	Evening	Night	Night	Day	Day (OOH)	Evening	Night	
8 MONTELMAR PLACE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	23	23	22	-	-	-	-	
7 ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	22	22	21	-	-	-	-	
353-361 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	22	22	26	-	-	-	-	
429 PARK ROAD, LUDDENHAM, NSW	Non-receiver	999	999	999	999	None	None	-	-	22	22	24	-	-	-	-	
5 ALWYN AVENUE, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	22	22	21	-	-	-	-	
6 SILVERDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	22	22	21	-	-	-	-	
385 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	22	22	26	-	-	-	-	
363 PARK ROAD, LUDDENHAM, NSW	Industrial	75	75	75	75	None	None	-	-	22	22	25	-	-	-	-	
1B ALWYN AVENUE, WALLACIA, NSW	Hotel/Motel/Hostel	60	60	60	60	None	None	-	-	21	21	20	-	-	-	-	
343-351 PARK ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	20	20	26	-	-	-	-	
15 GREENDALE ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	20	20	19	-	-	-	-	
45 GREENDALE ROAD, WALLACIA, NSW	Recreational - Passive	60	60	60	60	None	None	-	-	20	20	18	-	-	-	-	
6 SHELLEY ROAD, WALLACIA, NSW	Non-receiver	999	999	999	999	None	None	-	-	19	19	18	-	-	-	-	

APPENDIX C Noise level above nominated target

Noise level above NML Day (area 1 of 3)



Noise level above NML Day (area 2 of 3)



Noise level above NML Day (area 3 of 3)



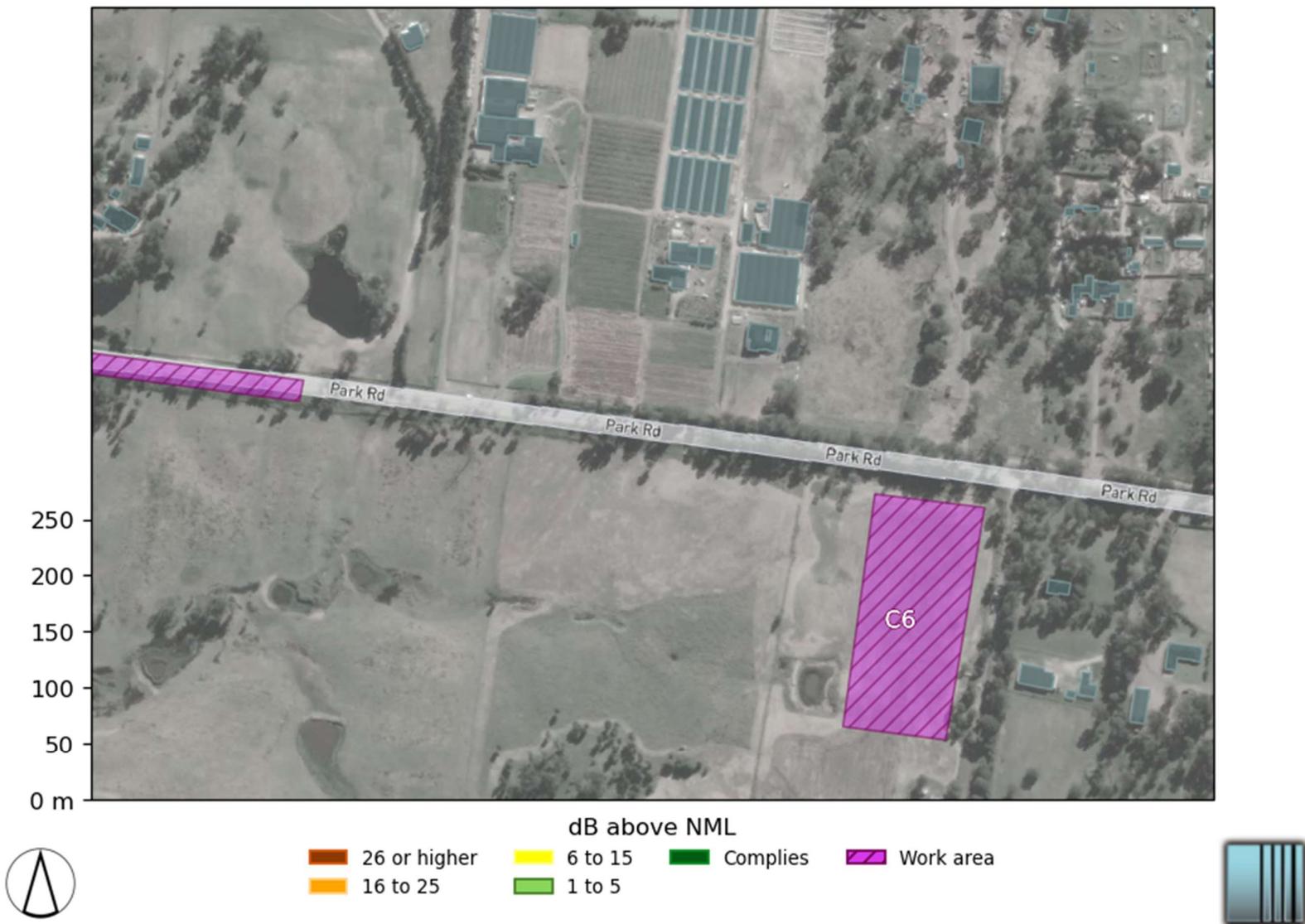
Noise level above NML Day (OOH) (area 1 of 3)



Noise level above NML Day (OOH) (area 2 of 3)



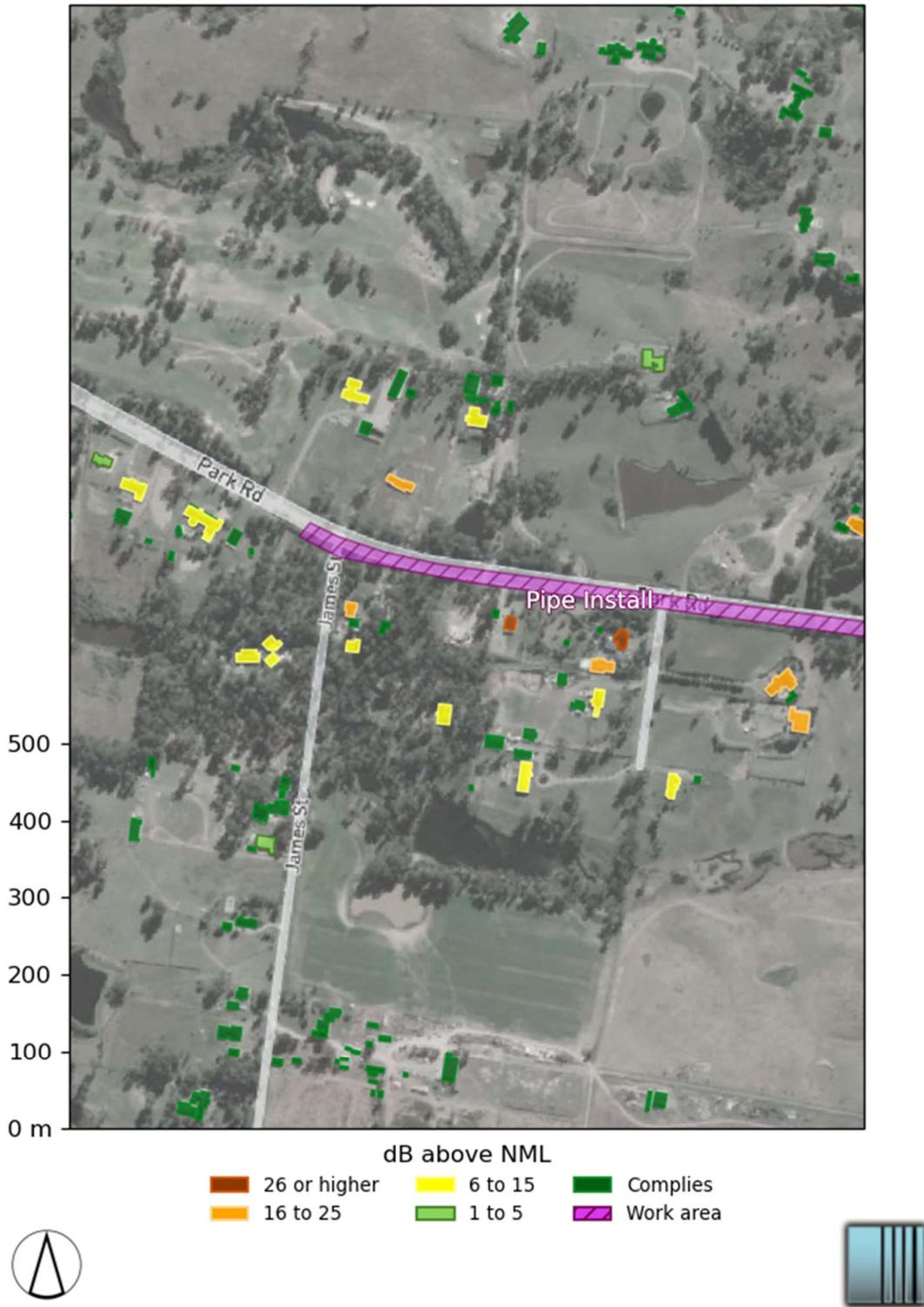
Noise level above NML Day (OOH) (area 3 of 3)



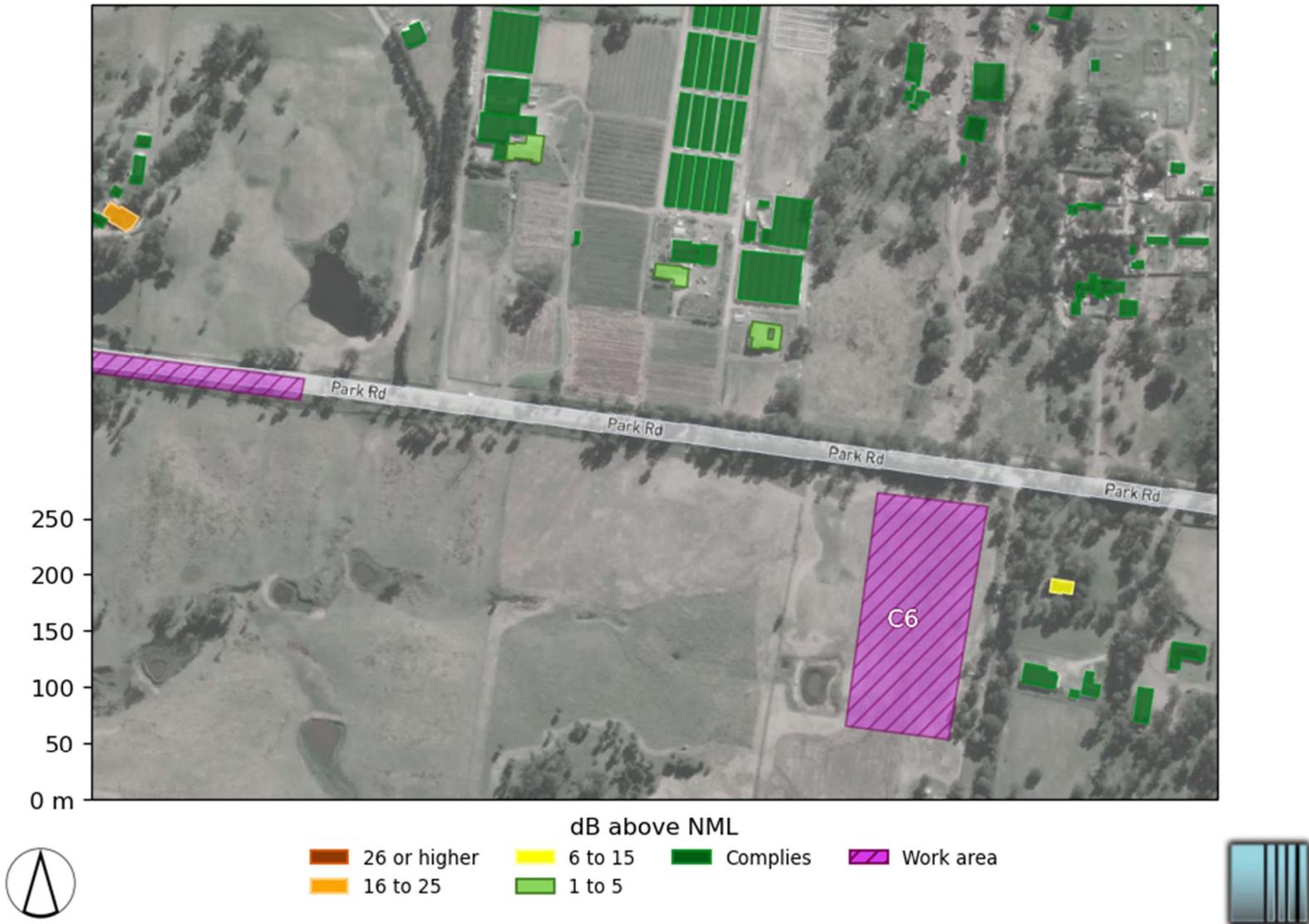
Noise level above NML Evening (area 1 of 3)



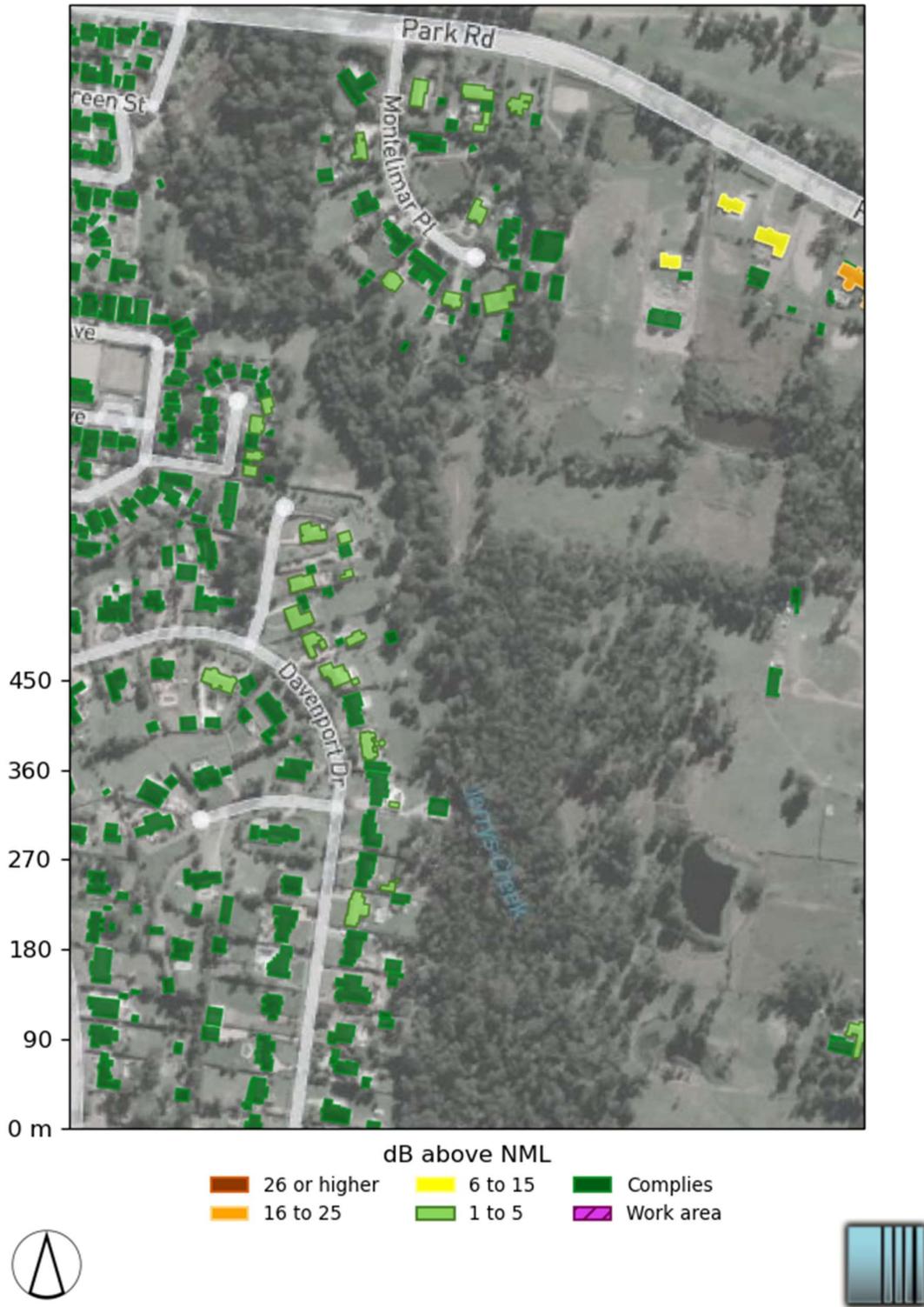
Noise level above NML Evening (area 2 of 3)



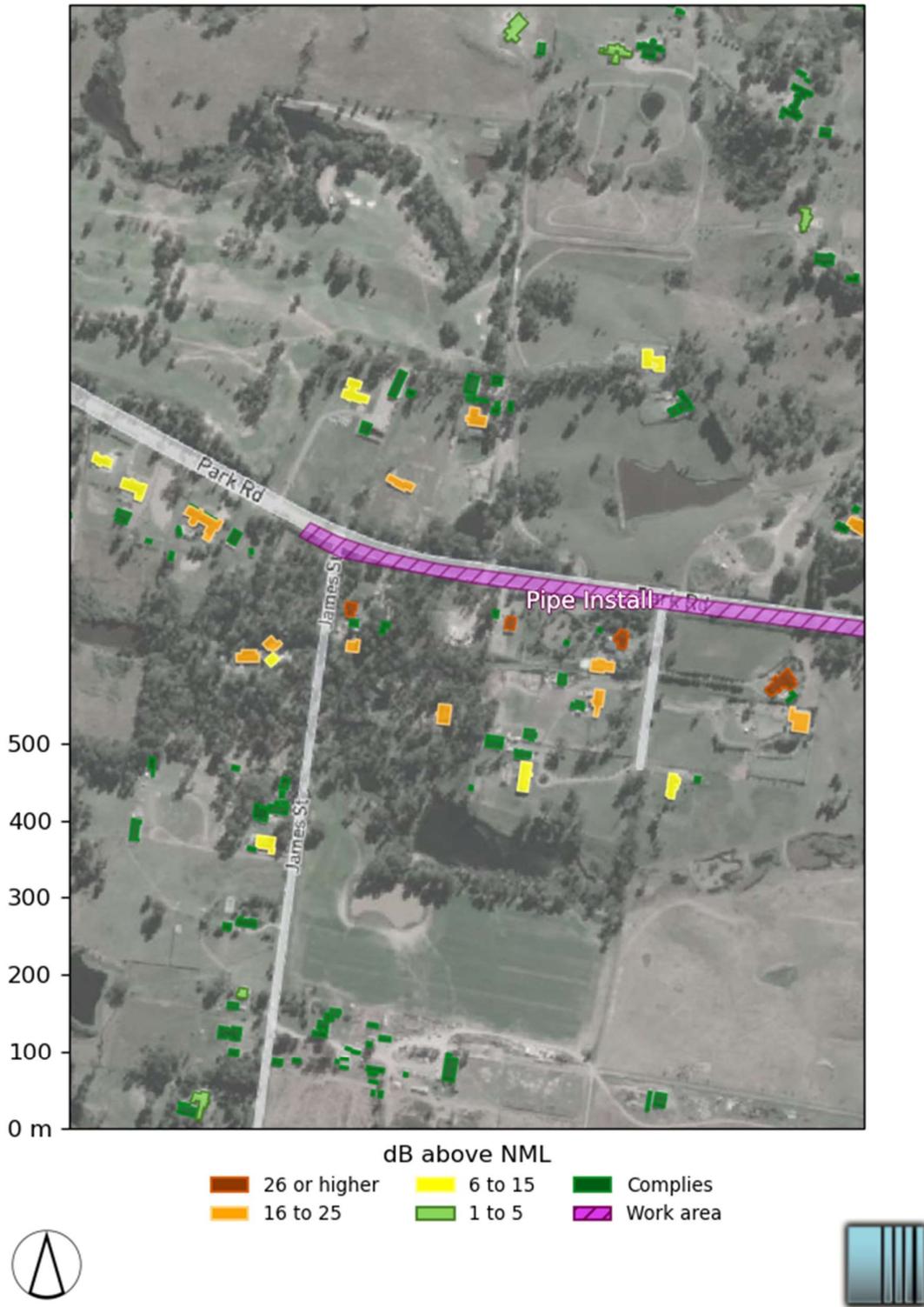
Noise level above NML Evening (area 3 of 3)



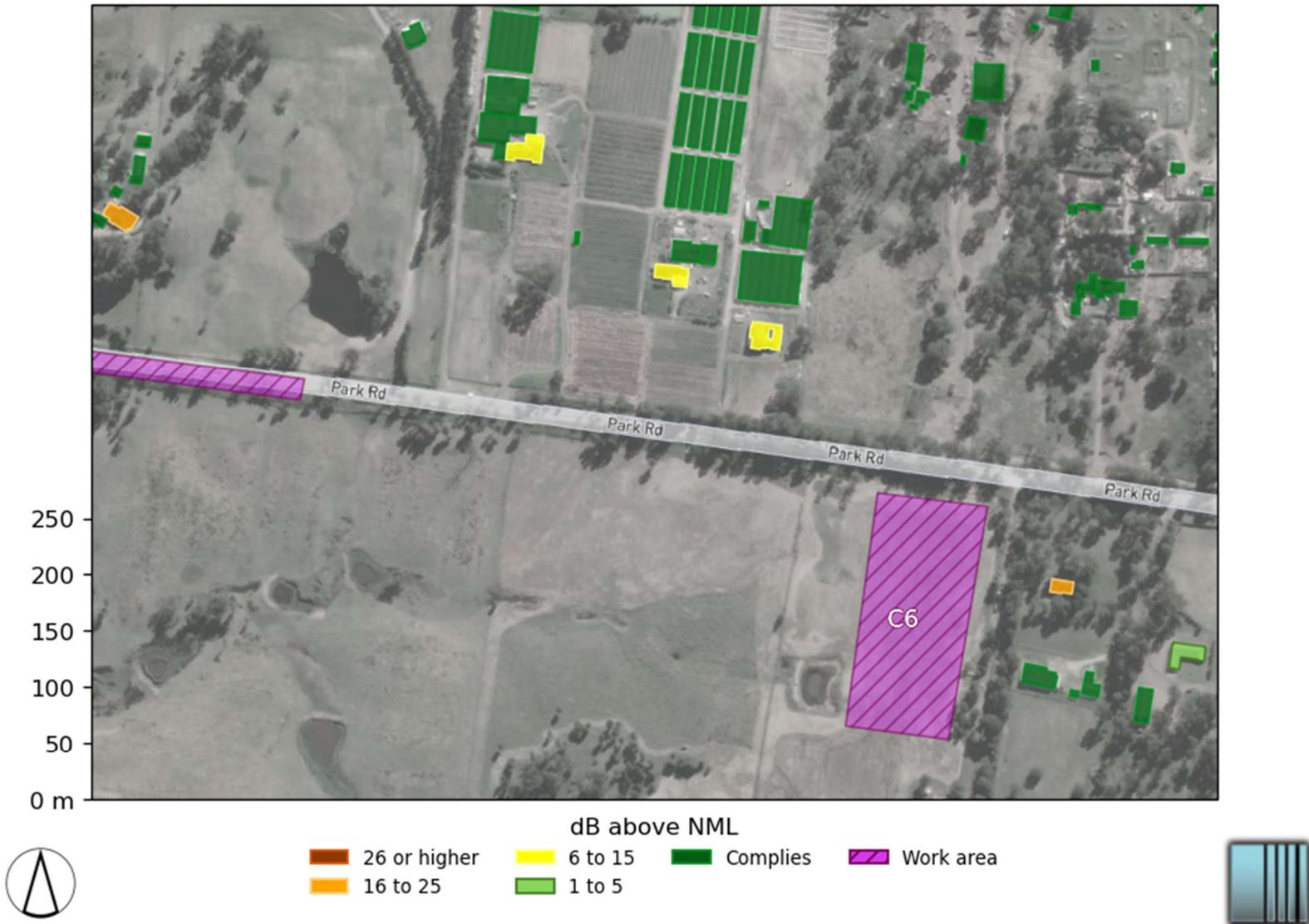
Noise level above NML Night (area 1 of 3)



Noise level above NML Night (area 2 of 3)



Noise level above NML Night (area 3 of 3)



AAppendix 3 – Community Consultation

Park Road Community Agreement - 5 nights/week										
Address	Name	Phone/ email	Yes/No/SWMY	Attempt 1	Comments	Attempt 2	Comments	Attempt 3	Comments	
1 WILLIAM STREET, WALLACIA, NSW	David Howard		Yes	13/06/24 @ 10:53am	Not home - Left a "Sorry we missed you" card	14/06/2024 @ 5:10	Spoke with David. Hears the night work but not concerned and very supportive to continue work. Consent Given			
2-10 WILLIAM STREET, WALLACIA, NSW	Steven Henson Lavonne	0421 812 854; dr.stevehenson@hotmail.com; 0434 892 041	Yes	13/06/2024 Phone call between 9:53-	Spoke to Lavonne. She consented to 5 nights a week work. She mentioned that she has been receiving letters and mentioned she has					
12-20 WILLIAM STREET, WALLACIA, NSW	Dean Douglas	0407 7003 89; dean@sydneysovents.com.au	Yes	13/06/2024 Phone call between 9:53- 12:30pm	Left a voicemail to call back about Park Road night works. Dean return phone call at 5pm and mentioned that he is fine with the night works on Park Road for 5 night a week.					
9 WILLIAM STREET, WALLACIA, NSW	No one home		SWMY	13/06/24 Door Knock @ 10.56	This house has a "No Trespassing" sign with images of guns. A "Sorry we missed you card" along with information pamphlet about upcoming wok for William Street was left.	14/06/2024 @ 5.14	No one home - "Sorry we missed you" card was left	17/06/2024 SWMY @11:55am	No one home - "Sorry we missed you" card was left	
22-34 WILLIAM STREET, WALLACIA, NSW	Mary Rufalo (Gabrielle her daughter lives with Mary also)	lmoro@outlook.com	Yes	13/06/24 @ 10.58am	No access to property. Locked gate with no buzzer - "Sorry we missed you" and information pamphlet was left	14/06/2024 @ 5.15	Spoke with Mary and Gabrielle for some time. Consent was given. They would like weekly updates to be provided please.			
19-29 WILLIAM STREET, WALLACIA, NSW	Jenny McBride	0414 508 901; a_j_mcbride@hotmail.com	Yes	13/06/2024 Phone call between 9:53- 12:30pm	Left a voicemail to call back about Park Road night works. Jenny returned the phone call later in the day and she consented to continuing Park Road night works for 5 nights a week. She also consented to providing her response and details to EPA.					
2 JAMES STREET, WALLACIA, NSW	Josh		Yes	13/6/24 @ 10.33am	Consent was given to continue with night roadworks, Has been advised of a hopeful finish for mid-july - no impact to family by way of noise and not worried about traffic.					
12 JAMES STREET, WALLACIA, NSW	Melanie Halligan		Yes	13/6/24 @ 10.36	No one home - Left a Sorry we missed you card.	14/06/2024 @ 4.50	Spoke with Melanie - Consent was given. She can hear the noise but not worried by it and understands the work needs to be completed. Consent was given. Affected by Traffic of a night when returning home from Netball. Did not speak to traffic controller to be granted access and went around the other road.			
11-19 JAMES STREET, WALLACIA, NSW	Chelsea Jones	0429 375 292	Yes	13/6/24 @ 10.35	Gate was locked - no access to property - Left a "Sorry we missed you" card	13/06/2024 Phone call	Spoke with Brenton - consent was given.			
20 JAMES STREET, WALLACIA, NSW	Kim	0412 375 358	Yes	13/06/2024 Phone call between 9:53- 12:30pm	JHG community advisor spoke to Kim. He consented to Park Road night works for 5 nights a week as long as he has access through the work area at night for his work. He also consented to providing his response and details to EPA. He enquired about the project progress in general.					
22-80 JAMES STREET, WALLACIA, NSW	Dominic / Joe		Yes	13/6/24 @ 10.40	Spoke with Joe who advised he was a contractor to John Holland for many years - Has given consent and was not affected by noise or traffic. Was happy to give consent to see work continue.					
21 JAMES STREET, WALLACIA, NSW	Daniel Hill	0401 259 544	Yes	13/06/2024 Phone call between 9:53- 12:30pm	JHG community advisor spoke to Daniel. He consented to Park Road night works for 5 nights a week and he mentioned the sooner the work is complete the better. He also consented to providing his response and details to EPA.					
35-39 JAMES STREET, WALLACIA, NSW	Linda Matthews		SWMY	13/6/24 Door Knock @ 10.44	No one home - Gate locked, no buzzer or any other way to contact resident - Sorry we missed you card was left.	14/06/2024	Left a sorry we missed you card - no access to property - noone home.	17/06/2024 SWMY @12pm	No one home - "Sorry we missed you" card was left	
41-49 JAMES STREET, WALLACIA, NSW	Ellie, Suzzane	0423 231 055; 0418 207 712; robert.junod@hotmail.com	SWMY	13/06/2024 Phone call between 9:53- 12:30pm	Phone call made to Suzzane and no answer. A voicemail left to call back about Park Road night works comms agreement.	13/06/2024 Text at 2:17pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back.	14/06/2024 SWMY @3:18pm	No one home - "Sorry we missed you" card was left	
51-59 JAMES STREET, WALLACIA, NSW	Patricia Munton	0415 737 734; muntonpatricia@gmail.com	Yes	13/06/2024 Phone call between 9:53-	Phone call made to Patricia and no answer. A voicemail left to call back about Park Road night works community agreement.	13/06/2024 Text at 2:18pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back.	14/06/2024 Door knock	JHG community advisor met with Patricia who was unwell. She consented to Park Road night works for 5 nights a week and also consented to proving his response and details to EPA.	
61 JAMES STREET, WALLACIA, NSW	Sibohan Junod	0423 174 694	Yes	13/06/2024 Phone call between 9:53- 12:30pm	Phone call made to Sibohan and no answer. A voicemail left to call back about Park Road night works community agreement.	13/06/2024 2:21pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back. The customer responded to the community advisor and mentioned that she consented to the night works.			

71-79 JAMES STREET, WALLACIA, NSW	Michael Gibson	0433 985 258	Yes	13/06/2024 Phone call between 9:53-12:30pm	JHG community advisor spoke to Michael. He consented to Park Road night works for 5 nights a week and mentioned that he has been taking the detour and its been fine. He also consented to proving his response and details to EPA.				
81 JAMES STREET, WALLACIA, NSW	Brye		Yes	13/6/24 @ 10.45	Spoke with Brye through intercom. Brye advised she is happy to consent to continued work along Park Road and night shift. Her famiy are not affected by the noise or traffic and are happy for work to continue, Has been advised of hopeful mid july completion				
102 PARK ROAD, WALLACIA	Francesca Fenech; Tenant: Tessie Nassif	0472 533 591; tessturismo@me.com	Yes; Yes	13/06/2024 Phone call	JHG community advisor spoke to Francescca and she consented to Park Road night works				
148 PARK ROAD, WALLACIA, NSW	Sheirady Micallef	0426 542 264	Yes	13/06/2024 phone call between 9:53-	Phone call made to Sheirady and no answer. A voicemail left to call back about Park Road night works comms agreement.	13/06/2024 Text at 2:23pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back.		
127 PARK ROAD, WALLACIA, NSW	Mick	mick.t.pittman@gmail.com	Yes	13/6/24 @ 10.01	Mick didn't feel his voice would make a difference. Sheila explained the need to obtain majority support from the community to be able to work more than 3 nights a week. Mick said he didn't mind the night work, but he didn't support the project because he was concerned the treated water would negatively impact the health of the Nepean River. Consent was given to continue 5 nights a week and Sheila committed to sending some information on the quality of the treated water to Mick.				
169 PARK ROAD, WALLACIA, NSW	Jeff Camenzuli	0408 274 685	Yes	13/06/2024 phone call	Phone call made to Jeff and no answer. A voicemail left to call back about Park Road	13/06/2024 Text 2:24pm	A text message was sent later in the day advising that we are seeking to extend our community agreement		
137 PARK ROAD, WALLACIA, NSW	Melissa Pulo Mr. Pulo	0418 600 067; melissa@imtrenchless.com.au	Yes	13/06/2024 phone call between 9:53-12:30pm	JHG community advisor spoke to Melissa and she consented to Park Road night works for 5 nights. She also consented to providing her response and details to EPA.				
115 PARK ROAD, WALLACIA, NSW	Lilian	admin@rvexcavations.com.au; 0407 795 468	Yes	13/06/2024 phone call between 9:53-	JHG community advisor spoke to Lilian and she consented to Park Road night works for 5 nights. She also consented to providing her				
151 PARK ROAD, WALLACIA, NSW	Inge	0414 862 861	Yes	13/06/2024 phone call between 9:53-12:30pm	Phone call made to Inge and no answer. A voicemail left to call back about Park Road night works comms agreement.	13/06/2024 @3:30pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back. Inge responded that she is in Europe currently and she consented to the night works.		
223 and 223B PARK ROAD, WALLACIA, NSW	K Nung	0401 848 445	Yes	13/06/2024 Phone call between 9:53-12:30pm	Phone call made to K and no answer. A voicemail left to call back about Park Road night works comms agreement.	13/06/2024 Text	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back.	14/06/2024 Door knock @4:30pm	JHG community advisor met with K who consented to Park Road night works for 5 nights a week and also consented to proving his response and details to EPA. He had traffic control set up queries and requested a follow up. JHG since followed up and provided
235 PARK ROAD, WALLACIA, NSW	Bona Kim	0431 001 005	Yes	13/06/2024 Phone call between 9:53-12:30pm	JHG community advisor spoke to Bona. He consented to Park Road night works for 5 nights a week and use of the site compound. He also consented to providing his response and details to EPA. He requested for the lights to be adjusted so				
82 PARK ROAD, WALLACIA, NSW	Julie-Anne MCGovern	0409 135 846	SWMY	13/06/2024 Phone call between 9:53-12:30pm	Phone call made to Julie- Anne and no answer. A voicemail left to call back about Park Road night works comms agreement.	13/06/2024 Text at 2:05pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back.	14/06/2024 SWMY @3:22pm	No one home - "Sorry we missed you" card was left
90A PARK ROAD, WALLACIA, NSW	Travis McKenzie	0427 844 250	Yes	13/06/2024 Phone call between 9:53-12:30pm	JHG community advisor spoke to Diane and she consented to Park Road night works for 5 nights. She also consented to providing her response and details to EPA. She enquired about when the works are scheduled at the front of her property. JHG Community advisor advised that the work at the front of his property is scheduled during the day within next 2 weeks.				
90 PARK ROAD, WALLACIA, NSW	Diane Buttigieg	0401 514 035; adbuttigieg@outlook.com	Yes	13/06/2024 Phone call between 9:53-12:30pm	JHG community advisor spoke to Travis and he consented to Park Road night works for 5 nights. He also consented to providing her response and details to EPA. He enquired				

72 PARK ROAD, WALLACIA, NSW	Ned and Rhonda	0427 434 946;nedmcgovern67@gmail.com	Yes	13/06/2024 Phone call between 9:53- 12:30pm	JHG community advisor spoke to Ned and Rhonda and they consented to Park Road night works for 5 nights. He also consented to providing her response and details to EPA. They can't hear the noise from night works and mentioned that the mail can be put through the fence as they don't have a letterbox.				
149 PARK ROAD, WALLACIA, NSW	Kerrie	daer0@hotmail.com	Yes	13/06/2024 email sent at 5:13pm		14/06/2024 Door knock			
217 PARK ROAD, WALLACIA, NSW	Victoria Xerri	4773 9796	Yes	13/06/2024	JHG community advisor spoke to Victoria. She consented to Park Road night works for 5 nights a week. She also consented to providing his response and details to EPA. She mentioned that her husband goes to work at night and has been finding the works alright.				
68 PARK ROAD, WALLACIA, NSW	Nicole; Brent	0451 662 366; 0452 227 529	Yes	13/06/2024	JHG community advisor spoke to Nicole. She consented to Park Road night works for 5 nights a week. She also consented to providing his response and details to EPA.				
147 PARK ROAD, WALLACIA, NSW			SWMY	13/6/24 Door Knock @ 10.18am	No one home - Left a SWYC under the door	14/06/2024	Left a sorry we missed you card.	17/06/2024 SWMY @12:25pm	No one home - "Sorry we missed you" card was left
64 PARK ROAD, WALLACIA, NSW	Carmen Genevieve	0415 418 464	Yes	13/06/2024	JHG community advisor spoke to Carmen. She consented to Park Road night works for 5 nights a week. She also consented to providing his response and details to EPA. She mentioned that the traffic arrangement is fine by her and has had no issues.				
11 MONTELMAR PLACE, WALLACIA, NSW	Richard Witton	0419 485 900	Yes	13/06/2024	JHG community advisor spoke to Richard. He consented to Park Road night works for 5 nights a week. He also consented to providing his response and details to EPA. He had other project enquiries which was responded to during the call.				
2 MONTELMAR PLACE, WALLACIA, NSW	Ken Samuels	0419 477 801	Yes	13/06/2024	JHG community advisor spoke to Ken. He consented to Park Road night works for 5 nights a week as long. He also consented to				
4 MONTELMAR PLACE, WALLACIA, NSW	Catherine Garton	0413 387 937	Yes	5/06/2024	Had requested for no contact in previous interaction and mentioned she is fine with the current night works.				
5 MONTELMAR PLACE, WALLACIA, NSW	Diane Challenor	0413 476 257	Yes	13/06/2024	JHG community advisor spoke to Diane. She consented to Park Road night works for 5 nights a week. She also consented to providing his response and details to EPA. She mentioned that her son hears the noise but is fine with the works.				
3 MONTELMAR PLACE, WALLACIA, NSW	Fiona Sween	0401 999 453	Yes	13/06/2024 Phone call	Phone call made to Fione and no answer. A voicemail left to call back about Park Road	13/06/2024 Text at 3pm	A text message was sent later in the day advising that we are seeking to extend our community agreement	14/06/2024 Door knock	JHG community advisor met with Fiona. She consented to Park Road night works for 5 nights a week and also consented to
6 MONTELMAR PLACE, WALLACIA, NSW	Scott Gordon	0401 420 257	Yes	13/06/2024 Phone call between 9:53- 12:30pm	Phone call made to Scott and no answer. A voicemail left to call back about Park Road night works community agreement.	14/06/2024 Door knock	JHG community advisor met with Scott's wife. She consented to Park Road night works for 5 nights a week and also consented to providing her response and details to EPA. She mentioned that she has small children who are much noisier than the night works.		
8 MONTELMAR PLACE, WALLACIA, NSW	Rod Davies	0427 510 501	Yes	13/06/2024	JHG community advisor spoke to Heather. She consented to Park Road night works for 5 nights a week. She also consented to providing her response and details to EPA.				
9 MONTELMAR PLACE, WALLACIA, NSW	Micka Chahada	0414 946 732	Yes	13/06/2024	JHG community advisor spoke to Micka. She consented to Park Road night works for 5 nights a week. She also consented to providing her response and details to EPA. She mentioned that the house is positioned away from the current night works.				

10 MONTELMAR PLACE, WALLACIA, NSW	Jane McLuckie	0414 306 292; redarrow2@bigpond.com	Yes	13/06/2024	Phone call made to Suzanne and no answer. A voicemail left to call back about Park Road night works comms agreement.	13/06/2024 Text	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back. JHG community advisor spoke to Jane who returned the phone call following the text. She consented to Park Road night works for 5 nights a week. She also consented to providing her response and details to EPA. She enquired about the restoration of Park Road following completion of pipeline installation. Her queries were answered at the time of the call.		
7 MONTELMAR PLACE, WALLACIA, NSW	Narelle Horne David		Yes	13/6/24 @ 10.27	David has given consent for further night work and advised there was no impact from noise. Traffic was having small impact but he was understanding of the work being carried out. Understands hopeful mid July completion.				
5 KADIERA CLOSE, WALLACIA, NSW	Melissa	0404 035 690	Yes	13/06/2024	JHG community advisor spoke to Melissa She consented to Park Road night works for 5 nights a week. Se also consented to providing her response and details to EPA. She mentioned that she doesn't hear the noise from the work.				
27-30 KADIERA CLOSE, WALLACIA, NSW	No one home		Yes	13/6/24 @ 9.32am	No one home - "Sorry we missed you" card was left	14/06/2024 @ 4.27	Spoke with Helen - Consent was given. Not affected by noise or traffic.		
28 KADIERA CLOSE, WALLACIA, NSW	David Roy	4773 9038	Yes	13/06/2024	JHG community advisor spoke to David. He consented to Park Road night works for 5 nights a week. He also consented to providing his response and details to EPA.				
11 KADIERA CLOSE, WALLACIA, NSW	Steve		Yes	13/6/24 @ 9.35am	Consent given and happy for night works to continue. No impact from noise or traffic.				
18-26 KADIERA CLOSE, WALLACIA, NSW	Pauline		Yes	13/6/24 @ 9.34	No one home - "Sorry we missed you" card was left	14/06/2024 @ 4.28	Spoke with Pauline - Consent was given. Not affected by noise or traffic.		
30-32 DAVENPORT DRIVE, WALLACIA, NSW	Jim Murray Monica Murray		Yes	13/6/24 @ 9.25am	Spoke with Monica - no affect from noise or traffic - consent to further night works was given. Has mentioned her husband James was looking for work and did we have anything to offer him on the plant project or with John Holland.				
34-36 DAVENPORT DRIVE, WALLACIA, NSW	Lisa Polistena	0410 636 193	SWMY	13/06/2024 Phone call between 9:53- 12:30pm	Phone call made to Lisa and no answer. A voicemail left to call back about Park Road night works comms agreement.	13/06/2024 Text at 2:30pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back.	14/06/2024 SWMY @ 3:42pm	No one home - "Sorry we missed you" card was left
46-48 DAVENPORT DRIVE, WALLACIA, NSW	Nicole	0427 952 959	Yes	13/06/2024 Phone call	JHG community advisor spoke to Nicole. She consented to Park Road night works for 5				
54-56 DAVENPORT DRIVE, WALLACIA, NSW	No one home		SWMY	13/6/24 Door Knock @ 9.18am	No one home - "Sorry we missed you" card was left	14/06/2024 @ 4.20PM	No one home - "Sorry we missed you" card was left	17/06/2024 SWMY @12:10pm	No one home - "Sorry we missed you" card was left
21-27 DAVENPORT DRIVE, WALLACIA, NSW	No one home		SWMY	13/6/24 Door Knock @ 9.29	No one home - "Sorry we missed you" card was left	14/06/2024 @ 4.23	No one home - "Sorry we missed you" card was left	17/06/2024 SWMY @12:12pm	No one home - "Sorry we missed you" card was left
42-44 DAVENPORT DRIVE, WALLACIA, NSW	Cheryl	0429 805 990	Yes	13/06/2024 Phone call between 9:53- 12:30pm	Phone call made to Cheryl and no answer. A voicemail left to call back about Park Road night works comms agreement.	13/06/2024 Text @ 3:10pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back.	17/06/2024 Door knock	JHG Community Advisors spoke to Kevin who consented to Park Road night works for 5 nights a week and sharing details with the EPA. He mentioned that he doesn't hear the noise. He also mentioned that Cheryl is his daughter who is there 3 nights a week only.
58-60 DAVENPORT DRIVE, WALLACIA, NSW	Michael Cortis	0472 663 831	SWMY	13/06/2024 Phone call between 9:53- 12:30pm	Phone call made but no answer. A voicemail was left to call back about the Park Road night work communiuty agreement.	13/06/2024 Text at 5:04pm	A text message was sent later in the day advising that we are seeking to extend our community agreement for working five nights a week. Requesting a call back.	14/06/2024 SWMY @3:50PM	No one home - "Sorry we missed you" card was left
5-9 DAVENPORT DRIVE, WALLACIA, NSW	No one home		SWMY	13/6/24 Door Knock@ 9.44	No one home - "Sorry we missed you" card was left	14/06/2024 @ 4.34	"Sorry we missed you" card was left - Gate Closed. No bell or buzzer to communicate with resident.	17/06/2024 SWMY @12:12pm	No one home - "Sorry we missed you" card was left
10 DENTON PLACE, WALLACIA, NSW	Lina		Yes	13/6/24 @ 9.52am	Consent given and happy for night works to continue. No impact from noise or traffic.				
9 DENTON PLACE, WALLACIA, NSW	Kevin	0448 778 805	Yes	13/6/24 @ 9.53	Caught resident at a bad time - left him with a Sorry we missed you card and asked to reach out to us on the number provided. He was busy and took the card.	14/06/2024 @ 4.44	No one home - "Sorry we missed you" card was left	17/06/2024 Door knock between 12- 12:30pm	He consented to night works and EPA.
12 DENTON PLACE, WALLACIA, NSW	Narella Withers	0466 956 062	Yes		No one home - "Sorry we missed you" card was left	14/06/2024 @ 4.43	"Sorry we missed you" card was left - Gate is closed with no way of communicating with resident	17/06/2024 Door knock between 12- 12:30pm	She consented to night works and EPA, doesn't hear the noise. She is more concerned about the flight noise in future.

13 DENTON PLACE, WALLACIA, NSW	No one home		SWMY	13/6/24 Door Knock @ 9.48	No one home - "Sorry we missed you" card was left	14/06/2024 @ 4.42	No one home - "Sorry we missed you" card was left	17/06/2024 SWMY @12:16pm	No one home - "Sorry we missed you" card was left
278 PARK ROAD, WALLACIA, NSW	Alan Abeni	0479 085 013	Yes	18/06/2024 Phone call @10:31am	JHG community advisor spoke to Alan. He consented to site compound use for 5 nights a week. He also consented to providing his response and details to EPA.				
290 PARK ROAD, WALLACIA, NSW	Sylvia Vella	02 4773 3217	No response	18/06/2024 Phone call @10:31am	Phone call made to Sylvia about the use of site compound for 5 nights a week and no answer. A voicemail left to call back.	18/06/2024 Phone call @4:37pm	No answer	19/06/2024 Phone call @10:41am	Phone call made to Sylvia about the use of site compound for 5 nights a week and no answer. A voicemail left to call back.



1 February 2024

Upper South Creek Advanced Water Recycling Centre – Park Road condensed night work program, community agreement script

In April we will start a program of night work along Park Road to reduce impacts on daytime traffic. Completing the works at night also allows us to close more lanes to traffic. This is safer for workers and motorists and reduces disruption during a shift, meaning we can get the work done faster.

Park Road pipe installation by trenching

We are seeking the community's support to complete our night work in some locations on Park Road up to five nights a week.

Our proposal is to close both sides of Park Road between James Street and east of William Street, five nights a week between 8pm and 5am. This would be for 40 shifts over two months, Monday to Friday. This is dependent on site conditions and weather.

This would improve the overall efficiency of our program of works throughout Wallacia, as it allows us to run a full week of night shift, while a second crew can continue working day shift.

Access would be maintained for residents who live within the work zone, though delays may be experienced.

The work front would move, meaning individual homes would not be affected by noise for the full two months. Also, where possible the noisiest activities, such as saw cutting and rock breaking, would be completed during dayshifts within a single lane closure.

Night work would include:

- Setting up the road closure from 8pm
- Excavating trenches for pipe installation
- Laying and welding pipe
- Covering sections of pipeline in concrete
- Backfilling and reinstating affected areas
- Re-opening the road in time for morning traffic.

The equipment would include temporary lighting, light vehicles, heavy vehicles, compaction rollers, generators and excavators.

Site compound use

We would like to provide an update about the upcoming work on Park Road (5) between James and William Street night works for approximately 40 shifts and 2 months and explained that the team would like to use the site compound for these works. The site will be used for 5 nights a week to support this work which is expected to begin in mid-late April 2024. A community notification will be sent to the community before works begin.

Map of work area:



Noise levels:

Residents from James Street heading east:

This work is expected to be noisy while it is immediately in front of your property. We expect the noise to be similar to an excavator 15 metres away from you.

The work is of a rolling nature, so we don't expect to remain directly in front of your property for more than 2 nights in a row. After two nights of this noise impact, you can expect to hear noise similar to a loud TV or radio, with noise levels continuing to drop as we move further away.

Some night work is also planned for the intersection of Park Road and Driver Avenue, as well for the intersection of Park Road and Willmington Road. We do not expect this work to be noisy for you and will be carrying out the works under our usual arrangement of three nights per week, with only two consecutive nights per week and no more than 10 nights per month.

Sydney Water Corporation ABN 49 776 225 038

1 Smith Street, Parramatta, NSW 2150 | PO Box 399, Parramatta, NSW 2124

Telephone 13 20 92 Media (24/7) 8849 5151 sydneywater.com.au



Residents from James Street heading west:

The work carried out on Park Road is expected to be almost silent for the duration of the 40 shifts. Due to work being of rolling nature, as we get closer to James Street, for a short period of time you may hear noise similar to what you would hear during the daytime from Park Road.

Some night work is also planned for the intersection of Park Road and Driver Avenue, as well for the intersection of Park Road and Willmington Road. This would be completed under our usual arrangement of three nights per week, with only two consecutive nights per week and no more than 10 nights per month. This work will be noisy and we will ensure that you are not affected by noise from further down Park Rd during the same weeks.

Residents around Compound 6:

The work carried out on Park Road is expected to be almost silent for the duration of the 40 shifts. Due to work being of rolling nature, as we get closer to William St, for a short period of time residents may hear noise similar to what residents would hear during the daytime from Park Road.

Some night work is also planned for the intersection of Park Road and Driver Avenue, and the intersection of Park Road and Willmington Rd. This would be completed under our usual arrangement of three nights per week, with only two consecutive nights per week and no more than 10 nights per month. This work will be almost quiet, and we will ensure that residents are not affected by noise from further down Park Rd during the same weeks.

Consent:

Do you support this proposed condensed work program?

Are you ok for me to provide your name and your response to the EPA?

After a 28-day period of carrying out this work, we would contact you again to confirm you still support this program. This contact will remain ongoing for every 28-day period as this work is carried out.

Consultation record

[Park Road Community Agreement.xlsx](#)