



Blackheath Station Upgrade

Noise and Vibration Impact Assessment

Transport for NSW

March 2022



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1. Introduction

1.1 Introduction

Transport for NSW is responsible for strategy, planning, policy, procurement, regulation, funding allocation and other non-service delivery functions for all modes of transport in NSW including road, rail, ferry, light rail, point to point, cycling and walking. Transport for NSW is the proponent for the environmental assessment in the form of a review of environmental factors (REF) for the Blackheath Station Upgrade (the Proposal).

This Noise and Vibration Impact Assessment has been prepared by GHD Pty Ltd (GHD) to assess potential construction noise, vibration and operational noise impacts arising from the Proposal, and where required provide mitigation strategies to minimise its impact on the surrounding community.

1.2 Key features of Proposal

The key features of the Proposal are summarised as follows:

- provision of three new lifts, associated landings and canopies providing access to the station platforms from Station Street and the Great Western Highway station entry area
- provision of an entry plaza from the Great Western Highway including a new ramp and new stairs from the footpath to the lift landing and existing stairs
- upgrade of the existing informal kiss and ride area on the eastern side of the station, including line marking, installation of bike hoops, sheltered seating and an upgrade of the accessible path to the station entry
- upgrade of the accessible path from lift 2 to the station platforms
- upgrade of the accessible path from the commuter car park to lift 3, on the Station Street side
- provision of two accessible parking spaces and extension of the Station Street commuter car park and localised regraded areas of the existing commuter car park
- widening of the waiting room doors and the family accessible toilet door
- upgrades to the station power supply, including provision of a new main switch board
- provision of a new accessible water bubbler on the island platform by the station building.

The key features of the Proposal are shown in Figure 1.

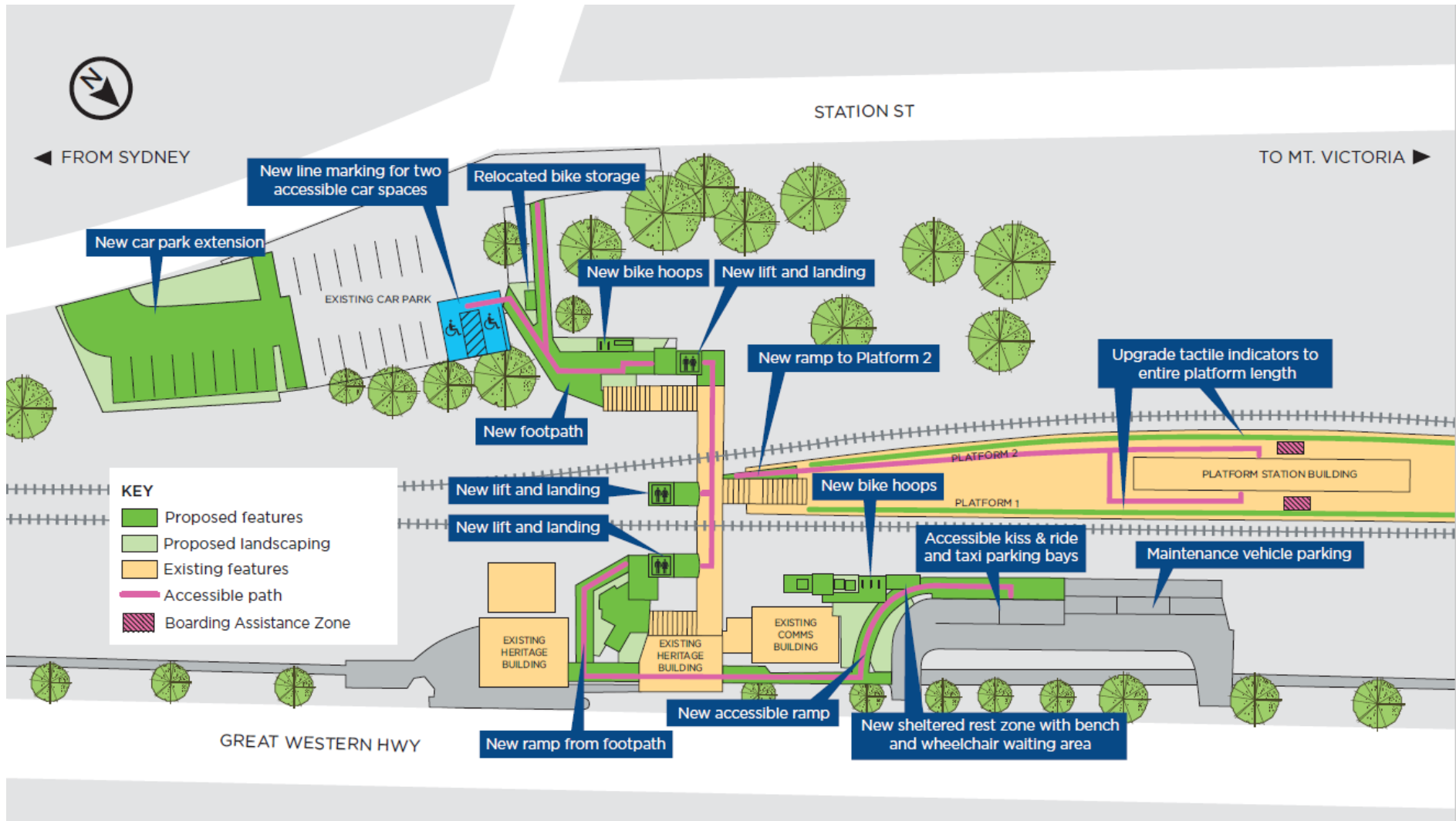


Figure 1 Key features of the Proposal

1.3 Scope of work

The scope of work for the Noise and Vibration Impact Assessment includes:

- background noise monitoring to obtain a rating background noise level
- identification of surrounding sensitive receivers potentially impacted by construction and operational noise and vibration
- review of potential noise impacts due to construction traffic generation
- provision of construction and operational mitigation measures to minimise potential noise and vibration impacts on the surrounding community.

This report has been prepared with consideration to the following documents:

- *Construction Noise and Vibration Strategy* (TfNSW, 2019)¹
- *Road Noise Policy* (DECCW, 2011)
- *Assessing Vibration: a technical guideline* (EPA, 2006)
- *Interim Construction Noise Guideline* (EPA, 2009)
- *Noise Policy for Industry* (EPA, 2017).

¹ Recent addendum for November 2019 version of *Construction Noise and Vibration Strategy* includes replacements for Tables 8 and 9 and included in this assessment

2. Existing environment

2.1 Proposal location

The Proposal is located in the town of Blackheath, in the local government area (LGA) of the City of Blue Mountains, about 120 kilometres west of Sydney's Central Business District (CBD). The Proposal site is situated between the Great Western Highway and Station Street (see Figure 3). The station is located in an area zoned as 'SP2 Rail' under the *Blackheath Local Environmental Plan 2015*. The Proposal site is located adjacent to areas zoned as 'B2 Local Centre', 'IN1 General Industrial', 'RE1 Public Recreation', and 'R2 Low Density Residential'.

2.2 Sensitive receivers and land use

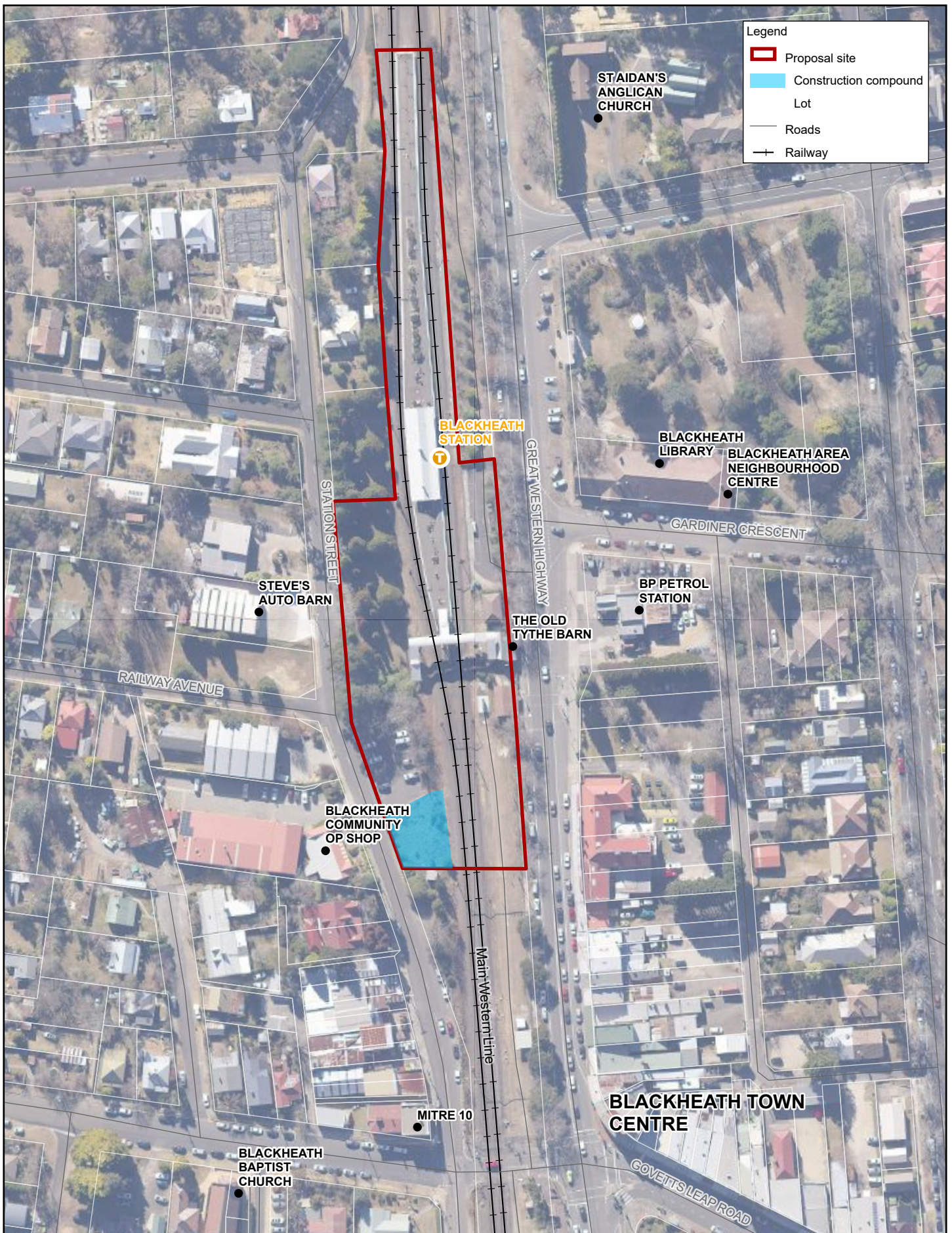
Noise and vibration sensitive receivers are defined by the type of occupancy and the activities performed within the land parcel. The receivers are classified within the following categories:

- residential premises
- classrooms at educational institutes
- hospital wards and operating theatres
- places of worship
- passive and active recreation areas
- commercial or industrial premises.

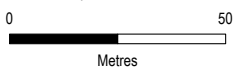
The Proposal is located in a mix of residential, industrial, commercial and recreational areas. Sensitive land uses surrounding the Proposal site include:

- residential areas to the west, north-east, and the south-east
- commercial precinct along the Great Western Highway and Govetts Leap Road
- commercial premises on Station Street
- Blackheath Gardens 100 metres immediately east.

The full list of noise sensitive receivers is provided in Appendix C. Noise sensitive receivers and noise catchment areas (NCAs) are shown in Figure 3.

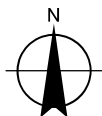


Paper Size ISO A4



Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

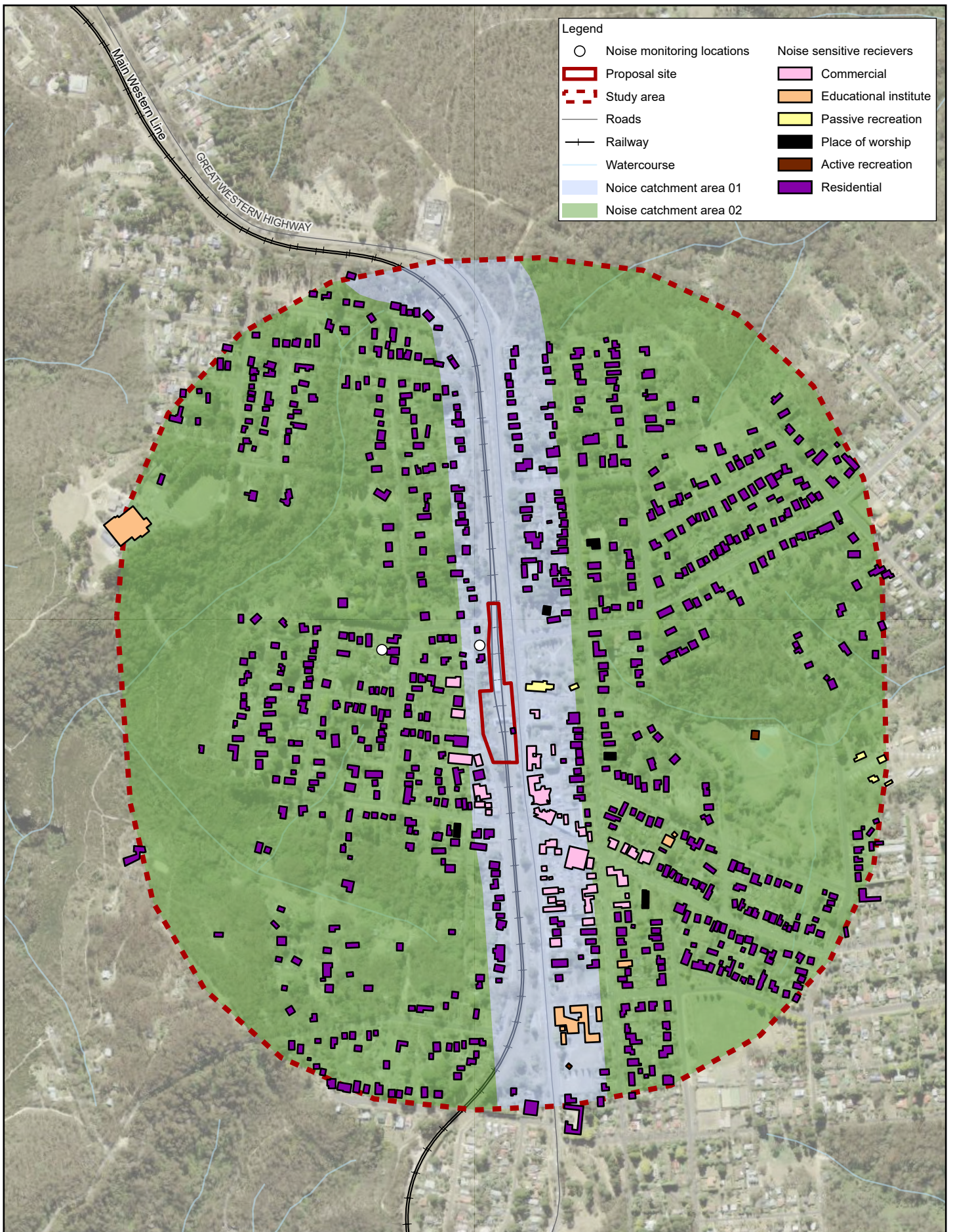


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Blackheath Station Upgrade
Noise and Vibration Impact Assessment

Project No. 12562533
Revision No. A
Date 23/02/2022

Proposal site

FIGURE 2



Transport for NSW
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 Noise and Vibration Impact Assessment

**Noise monitoring locations,
 noise catchment areas,
 and sensitive receivers**

Project No. 12562533
 Revision No. C
 Date 23/02/2022

FIGURE 3

2.3 Noise monitoring methodology

The methodology for the noise monitoring program included the following:

- Identification of sensitive receivers including residences and other sensitive land uses in the vicinity of the Proposal.
- Unattended noise logging was conducted between Thursday December 2nd and Friday 10th December 2021 at locations representative of two noise catchment areas (see Figure 2). Location 1 was located near the railway at 141A Station St, Blackheath, and Location 2 was set back from the railway and highway at 22 Waragil St, Blackheath.
- Noise monitoring was undertaken using a SVAN 977 at Location 1 and a Rion NL-52 environmental noise logger at Location 2. The noise logger was programmed to accumulate LA₉₀, LA₁₀, and LA_{eq} noise descriptors continuously over the entire monitoring period. Details of the noise monitoring equipment are provided in Table 1.

A calibration check was performed on the noise monitoring equipment using a sound level calibrator with a sound pressure level of 94 dBA at 1 kHz. At completion of the measurements, the meter's calibration was re-checked to ensure the sensitivity of the noise monitoring equipment had not varied. The noise loggers were found to be within the acceptable tolerance of ± 1 dBA.


The data collected by the logger was downloaded and analysed, and any invalid data removed. Invalid data generally refers to periods of time where average wind speeds were greater than 7 m/s (height adjusted), or when rainfall occurred. Meteorological data was sourced from the Bureau of Meteorology's Mount Boyce AWS (Station ID 063292).

All noise monitoring activities were undertaken and processed in accordance with the *Noise Policy for Industry* (EPA 2017) long-term monitoring method. All noise logger settings and descriptors used were based on this method.

2.3.1 Summary of noise monitoring results

Details of the unattended noise monitoring equipment and location are provided in Table 1. Noise logger data results and noise monitoring charts are presented in Appendix B.

Table 1 Unattended noise monitoring details

Location	Equipment details	Equipment settings	Logger photo
141A Station Street, Blackheath	SVAN 977 SN:45743	A-Weighted Fast time response 15 minute interval Pre to post calibration variance: 0.24 dB	


Location	Equipment details	Equipment settings	Logger photo
22 Waragil Street, Blackheath	Rion NL 52	A-Weighted Fast time response 15 minute interval Pre to post calibration variance: 0.6 dB	

Table 2 Summary of unattended noise monitoring results, dBA

Location	Background noise descriptors			Ambient noise descriptors		
	L _{A90} (Period)			L _{Aeq} (15m)		
	Day	Evening	Night	Day	Evening	Night
141A Station Street, Blackheath – NCA01	45	38	30(28) ¹	60	53	55
22 Waragil Street, Blackheath – NCA02	36	33	30(24) ¹	49	45	43

Note: 1. The minimum background noise level is used over the measured RBL (bracketed) in accordance with the *Noise Policy for Industry*

3. Compliance Criteria

3.1 Construction noise criteria

3.1.1 Proposed construction hours

Construction noise management levels for the Proposal are based on the *Interim Construction Noise Guideline* (EPA, 2009) and the *Construction Noise and Vibration Strategy* (TfNSW, 2019). Subject to planning approval, construction is expected to commence in May 2022 and take approximately 13 months to complete.

The majority of construction works would be conducted during *Interim Construction Noise Guidelines* recommended standard construction hours, as defined:

- Monday to Friday 7am to 6pm
- Saturday 8am to 1pm
- no work on Sundays or public holidays.

Construction hours, including outside hours are defined in Figure 4.

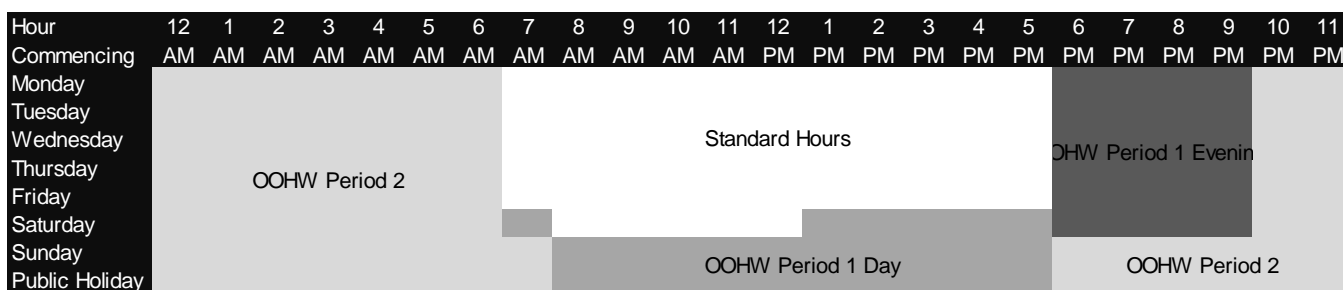


Figure 4 Construction hours

Certain work may need to occur outside standard hours and would include night works and work during routine rail shutdowns which are scheduled closures that would occur regardless of the Proposal when part of the rail network is temporarily closed, and trains are not operating.

Out of hours work is required in some cases to minimise disruptions to customers, pedestrians, motorists and nearby sensitive receivers; and to ensure the safety of railway workers and operational assets. There are a total of three planned rail possession periods scheduled to occur during routine rail shutdowns. These rail shutdowns will facilitate the following works:

- piling and excavating of lift pits 1 and 2
- demolition of pre-existing level crossing and footpath
- resurfacing works of station
- erection of lifts 1, 2 and 3 steel structures.

3.1.2 Construction noise management levels

Construction noise management levels for residential premises and other sensitive land uses are provided in Table 12 and Table 13 of the *Construction Noise and Vibration Strategy* and based on the *Interim Construction Noise Guideline*. The method to determine the noise management levels for residential receivers in accordance with the *Construction Noise and Vibration Strategy* is outlined in Table 3. Noise management levels for other sensitive land uses are provided in Table 4 and only apply when the properties are in use.

Table 3 Noise management levels for residential receivers

Time of day	Noise management level, $L_{Aeq(15min)}$	Application notes
Recommended standard hours	Noise affected: RBL + 10 dBA	The noise affected level represents the point above which there may be some community reaction to noise. where the predicted or measured L_{Aeq} (15 min) is greater than the noise affected level, the proponent should apply all feasible and reasonable work practices to meet the noise affected level the proponent should also inform all potentially impacted residents of the nature of works to be carried out, the expected noise levels and duration, as well as contact details.
	Highly noise affected: 75 dBA	The highly noise affected level represents the point above which there may be strong community reaction to noise. Where noise is above this level, the proponent should consider very carefully if there is any other feasible and reasonable way to reduce noise to below this level. If no quieter work method is feasible and reasonable, and the works proceed, the proponent should communicate with the impacted residents by clearly explaining the duration and noise level of the works, and by describing any respite periods that will be provided.
Outside recommended standard hours	Noise affected: RBL + 5 dBA	A strong justification would typically be required for works outside the recommended standard hours. The proponent should apply all feasible and reasonable work practices to meet the noise affected level. Where all feasible and reasonable measures have been applied and noise is more than 5 dBA above the noise affected level, the proponent should consult with the community. For guidance on negotiating agreements see Section 7.2.2 of the <i>Interim Construction Noise Guideline</i> .

Table 4 Noise management levels for other sensitive land uses

Land Use	Noise management level, $L_{Aeq(15 min)}$ dBA
Commercial premises	70 (external)
Industrial premises	75 (external)
Educational institutes	45 (internal)
Hospital wards and operating theatres	45 (internal)
Places of worship	45 (internal)
Active recreation areas	65 (external)
Passive recreation areas	60 (external)

3.1.3 Sleep disturbance

The *Interim Construction Noise Guideline* recommends that where construction works are planned to extend over two or more consecutive nights, the Proposal should consider maximum noise levels and the extent and frequency of maximum noise level events exceeding the RBL. The potential for both sleep disturbance and awakenings should be considered in the assessment.

The *Noise Policy for Industry* (EPA, 2017) provides the latest NSW EPA guidance for the assessment of sleep disturbance. The *Noise Policy for Industry* recommends a maximum noise level assessment to assess the potential for sleep disturbance impacts which include awakenings and disturbance to sleep stages. An initial screening test for the maximum noise levels events should be assessed to the following levels.

- $L_{Aeq(15 min)}$ 40 dBA or the prevailing RBL plus 5 dB, whichever is greater, and/or
- L_{Fmax} 52 dBA or the prevailing RBL plus 15 dB, whichever is greater.

If the screening test indicates there is a potential for sleep disturbance, then a detailed maximum noise level assessment should be undertaken. The detailed assessment should cover the maximum noise level, the extent to which the maximum noise level exceeds the rating background noise level, and the number of times this happens during the night-time period.

3.1.4 Proposal noise management levels

A summary of the Proposal construction noise management levels for each identified sensitive receiver type is provided in Table 5.

Table 5 Proposal construction noise management levels, dBA

Receiver type	Time of day		Management level, dBA
Residential – NCA01	Recommended standard hours		Noise affected: 55
			Highly noise affected: 75
	Outside recommended standard hours	Day	50
		Evening	43
		Night	35
		LAF _{max} : 52	
Residential – NCA02	Recommended standard hours		Noise affected: 46
			Highly noise affected: 75
	Outside recommended standard hours	Day	41
		Evening	38
		Night	35
		LAF _{max} :52	
Commercial	When in use		70 (external)
Industrial	When in use		75 (external)
School, hospital, POW	When in use		45 (internal) 55 (external)
Recreation	When in use		60 (external)

3.2 Construction traffic noise criteria

The *Road Noise Policy* (DECCW, 2011) provides road traffic noise criteria for residential land uses affected by construction traffic on the public road network.

The *Road Noise Policy application notes* state that any increase in the total noise level at existing residences and other sensitive land uses affected by traffic generation on existing roads should be limited to 2 dBA above current levels. This limit only applies when the noise level without the development is within 2 dBA or exceeds the road traffic noise criterion provided in the *Road Noise Policy*.

This has been used to identify potential impacts as a result of noise produced by construction traffic. If road traffic noise increases as a result of construction works within 2 dBA of current levels, then the objectives of the *Road Noise Policy* are considered to be met and no specific mitigation measures would be required.

Where construction traffic increases the existing road traffic noise levels by more than 2 dBA then further assessment against the road traffic noise criteria in Table 6 is required.

Table 6 Road traffic noise criteria, dBA

Type of development	Day, $L_{Aeq}(15 \text{ hour})$ 7am to 10pm	Night, $L_{Aeq}(9 \text{ hour})$ 10pm to 7am
Existing residence affected by additional traffic on freeway/arterial/sub-arterial roads	60	55
Existing residence affected by additional traffic on local roads	55	50

3.3 Construction vibration criteria

3.3.1 Human comfort

Acceptable vibration levels for human comfort have been set with consideration to *Assessing Vibration: a technical guideline* (DEC, 2006) which is based on the guidelines contained in British Standard *BS 6472 – 1992, Guide to Evaluation of Human Exposure to Vibration in Buildings (1 Hz to 80 Hz)*.

Typically, construction activities generate ground vibration of an intermittent nature. Intermittent vibration is assessed using the vibration dose value. Acceptable values of vibration dose are presented in Table 7 for sensitive receivers.

Table 7 Human comfort intermittent vibration limits (BS 6472-1992)

Receiver type	Period	Intermittent vibration dose value ($m/s^{1.75}$)	
		Preferred value	Maximum value
Residential	Day (7 am to 10 pm)	0.2	0.4
	Night (10 pm to 7 am)	0.13	0.26
Offices, schools, educational institutes and places of worship	When in use	0.4	0.8

Whilst the assessment of response to vibration in BS 6472:1992 is based on vibration dose value and weighted acceleration, for construction related vibration, it is considered more appropriate to provide guidance in terms of a peak value, since this parameter is likely to be more routinely measured based on the more usual concern over potential building damage.

Humans are capable of detecting vibration at levels which are well below those causing risk of damage to a building. The degrees of perception for humans are suggested by the vibration level categories given in British Standard, *BS 5228.2 – 2009, Code of Practice Part 2 Vibration for noise and vibration on construction and open sites – Part 2: Vibration* and are shown below in Table 8.

Table 8 Guidance on effects of vibration levels for human comfort

Vibration level	Effect
0.14 mm/s	Vibration might be just perceptible in the most sensitive situations for most vibration frequencies associated with construction.
0.3 mm/s	Vibration might be just perceptible in residential environments.
1.0 mm/s	It is likely that vibration at this level in residential environments will cause complaints but can be tolerated if prior warning and explanation has been given to residents.
10 mm/s	Vibration is likely to be intolerable for any more than a very brief exposure.

3.3.2 Guidelines for general structures

The effects of transient vibration on structures are considered in *BS 7385 Part 2 – 1993 Evaluation and measurement for vibration in buildings*. The criteria provided in BS 7385 are presented in Table 9.

Table 9 Transient vibration guide values – minimal risk of cosmetic damage

Type of building	Peak component particle velocity in frequency range of predominant pulse	
	4 Hz to 15 Hz	15 Hz and above
Reinforced or framed structures. Industrial and heavy commercial buildings	50 mm/s at 4 Hz and above	50 mm/s at 4 Hz and above
Unreinforced or light framed structures. Residential or light commercial type building	15 mm/s at 4 Hz increasing to 20 mm/s at 15 Hz	20 mm/s at 15 Hz increasing to 50 mm/s at 40 Hz and above

The guide values in Table 9 relate predominantly to transient vibration which does not give rise to resonant responses in structures and low-rise buildings. Where the dynamic loading caused by continuous vibration may give rise to dynamic magnification due to resonance, especially at lower frequencies, then the guide values may need to be reduced by up to 50 per cent.

The predominant vibration for most construction activities involving intermittent vibration sources such as rock breakers, piling rigs, vibratory rollers and excavators occurs at frequencies greater than 4 Hz (and usually in the 10 Hz to 100 Hz range). On this basis, a conservative vibration damage screening level per receiver type is given below:

- reinforced or framed structures: 25.0 mm/s
- unreinforced or light framed structures: 7.5 mm/s.

3.3.3 Guidelines for vibration sensitive structures

Heritage buildings and structures would be assessed using the guide values in Table 9. A heritage building or structure should not be assumed to be more sensitive to vibration unless they are found to be structurally unsound. If a heritage building or structure is found to be structurally unsound (following inspection) a more conservative cosmetic damage criterion of 3 mm/s peak component particle velocity (from DIN 4150) should be considered.

3.4 Operational noise criteria

3.4.1 Project noise trigger levels

Operational noise emanating from the Proposal are assessed to the project noise trigger levels in the *Noise Policy for Industry* (EPA, 2017). The project noise trigger level is the lower value of the intrusiveness noise level and the amenity noise level. The intrusiveness noise aims to protect against significant changes in noise levels and the amenity noise level aims to protect against cumulative noise impacts from existing industry and noise sources within the area.

The *Noise Policy for Industry* for residential receivers is presented below in Table 10 and non-residential receivers Table 11.

Table 10 Noise Policy for Industry operational criteria for residential receivers

Noise catchment area	Time of day	Intrusiveness noise criteria $L_{Aeq(15\text{ min})} BG^1 +5$, dBA	Amenity noise criteria $L_{Aeq(15\text{ min})}$, dBA ^{2,3}	PNTL $L_{Aeq(15\text{ min})}$, dBA
NCA01	Day 7 am to 6 pm	50	53	50
	Evening 6 pm to 10 pm	43	43	43
	Night 10 pm to 7 am	33	38	33
NCA02	Day 7 am to 6 pm	41	53	41
	Evening 6 pm to 10 pm	38	43	38
	Night 10 pm to 7 am	35	38	35

Notes:

- Background noise level $L_{Aeq(15\text{ min})}$
- The amenity noise criteria is defined as the recommended amenity level minus 5 dB. The recommended amenity $L_{Aeq(\text{period})}$ noise level for residential suburban is defined as:
 - Day: 55 dBA
 - Evening: 45 dBA
 - Night: 40 dBA
- A +3 dB correction is applied to convert the $L_{Aeq(\text{period})}$ descriptor to the $L_{Aeq(15\text{ min})}$ descriptor.

Table 11 Noise Policy for Industry operational criteria for non-residential receivers

Receiver Type	Time of day	PNTL $L_{Aeq(15\text{ min})}$, dBA
Commercial	When in use	63
Industrial	When in use	68
Educational	Noisiest 1 hour	35 (internal) 45 (external)
Hospital/medical	When in use	35 (internal) 45 (external)

3.4.2 Maximum noise levels

The *Noise Policy for Industry* (EPA, 2017) recommends a maximum noise level assessment based on guidance from the World Health Organisation to assess the potential for sleep disturbance impacts which include awakenings and disturbance to sleep stages. An initial screening test for the maximum noise levels events should be assessed to the following levels:

- $L_{Aeq(15\text{ min})}$ 40 dBA or the prevailing RBL plus 5 dB, whichever is greater, and/or
- $L_{A_{Fmax} 52}$ dBA or the prevailing RBL plus 15 dB, whichever is greater.

If the screening test indicates there is a potential for sleep disturbance, then a detailed maximum noise level assessment should be undertaken. The detailed assessment should cover the maximum noise level, the extent to which the maximum noise level exceeds the rating background noise level, and the number of times this happens during the night-time period.

4. Impact assessment

4.1 Construction noise

4.1.1 Construction methodology

The plant and equipment likely to be required throughout each stage of construction have been used to predict the noise levels that would be expected. The predicted noise levels were assessed against the construction noise management levels identified in Section 3.1.

Construction staging

Construction scenarios have been created based on construction equipment likely to operating simultaneously at any given time and located in the location creating the maximum received noise level. Although this is unlikely to occur, the modelling assumes the ‘worst-case’ scenario to identify where noise impacts could be a concern and require mitigation.

The proposed construction staging for key activities is shown in Table 12.

Table 12 *Indicative construction staging for key activities*

Stage	Activities
Site establishment and enabling work	<ul style="list-style-type: none"> – site investigations and survey – establishment of site compound (erect fencing, tree protection zones, site offices, amenities and plant/material storage areas) – relocation of services – installation of temporary services – installation of temporary fencing and hoarding as required – traffic control measures
Rail possession 1	<ul style="list-style-type: none"> – decommission and removal of the pedestrian level crossing – removal of the existing ramp between the level crossing and platform – installation of hoarding from the level crossing area to the platform – piling for new lift and ramp footings – excavation of the platform for the combined service route worksnote. the Station, footbridge and commuter carpark will be closed to customers during these works
Stage 1: lift 3 and platform building works	<ul style="list-style-type: none"> – family accessible toilet and waiting room door widening works (temporary closures of each space will be required) – lift piling – lift pit excavation – concrete works to lift pit (concrete pour in situ) and waterproofing – installation of scaffold and completion of concrete works (in situ) up to footbridge level, support beams for new landing area – preassembly of lift steel structure (commuter car park spaces may be temporarily occupied)
Rail possession 2	<ul style="list-style-type: none"> – platform resurfacing (new asphalt) to half the platform area – excavation of lift pits (lifts 1 and 2) – installation of lift pit shoring boxes (precast concrete) – footbridge modification works to allow for lift 3 landing – installation of lift 3 steel structure (crane) – platform combined service route works – installation of accessible water bubbler in ground plumbing works – note. The Station, footbridge and commuter carpark will be closed to customers during these works

Stage	Activities
Stage 2: precast lift 1 and 2 components and station entry civil works	<ul style="list-style-type: none"> – installation of new platform tactiles (to the platform area that was resurfaced during Possession 2) – lift 1 and 2 detailed excavation works – lift 1 and 2 precast assembly works in the car park (car park temporarily closed) – preassemble lift 1 and 2 steel structures in car park (car park temporarily closed) – installation of lift 3 landing balustrade works including roofing and anti-throw screens – installation of lift 3 – civil and landscaping works carried out in the station entry areas, (changes to pedestrian access around the station will be in place with paths sign posted) – service works in platform and station entries as required (drainage, low voltage power, CCTV, Lighting etc.).
Rail possession 3	<p>Platform works:</p> <ul style="list-style-type: none"> – changes to platform hoardings – platform resurface works (to the remaining half of the platform) – crane setup for precast and structural steel lifts – installation of a new ramp (between the lift and platform) precast slabs, steelworks, balustrades and anti-throw screens – erection of all lift 1 and 2 precast sections and steel components – lift 1 and 2 roofing works – bridge modification works to allow for new lift landings – bridge stair nosing and handrail modification works – civil works to station entries (final stage) – installation supply main switch board and services commissioning works <p>Note: the Station, footbridge and commuter carpark will be closed to customers during these works</p>
Stage 3	<ul style="list-style-type: none"> – completion of the platform ramp works – installation of platform tactiles (to the platform area that was resurfaced during possession 3) – installation of wayfinding signage site wide – installation of lifts 1 and 2 – installation of new accessible water bubbler – relocation of platform furniture – installation supply main switch board containment – Station Street car park line marking works (commuter carpark would be temporarily closed during these works)
Demobilisation	<ul style="list-style-type: none"> – installation of ancillary features and landscaping – removal of footpath/pedestrian management and traffic controls – removal of construction fencing/hoarding and environmental control measures – removal of temporary site facilities – asphalt and line marking works to extend the Station Street car park completion of site clean-up and tidying works.

Based on these construction stages and key activities, 12 construction scenarios have been developed. These are presented in Table 13 below. These scenarios have been modelled to determine the potential construction noise impacts on the environment.

Table 13 Indicative construction activities

Scenario ID	Activity	Anticipated duration	Proposed working hours
CS01	Piling Lift 1 and Lift 2	Two days	Standard + OOHW
CS02	Demolition of existing footpath and level crossing	Two days	Standard + OOHW
CS03	Piling Lift 3	Two days	Standard
CS04	Excavating lift pits of Lift 1, Lift 2 and Lift 3	Six months	Standard + OOHW
CS05	Resurfacing works on country end	Two days	Standard + OOHW
CS06	Preassembly of Lift 1, Lift 2 and Lift 3	Six months	Standard
CS07	Resurfacing works on city end	Two days	Standard + OOHW
CS08	Erect precasts and steelworks	Two days	Standard + OOHW
CS09	Assembly of Lift 1 and Lift 2	Two days	Standard + OOHW
CS10	Assembly of Lift 3	Two days	Standard
CS11	Platform tactiles	Six months	Standard
CS12	Compound operations	Twelve months	Standard

Construction compound

A temporary construction compound and laydown area will be required during the construction works. This site is planned to be located in the Station Street carpark.

Noise generating equipment

Plant and equipment needed for the Proposal would be determined during the construction planning phase. Noise level data has been obtained from the Australian Standards *AS2436 – Guide to noise and vibration control on construction, demolition and maintenance sites* and the *Construction Noise and Vibration Strategy*. Other equipment may be used; however, it is anticipated that they would produce similar net noise emissions when used concurrently with the equipment listed.

The magnitude of off-site noise impacts associated with construction is dependent upon a number of factors:

- the intensity and location of construction activities
- the type of equipment used
- existing background noise levels
- intervening terrain and structures
- weather conditions during construction works.

Construction machinery would likely move about the proposal site altering the received noise for individual receivers. During any given period, the machinery items to be used would operate at maximum sound power levels for only brief stages. At other times, the machinery would produce lower sound levels while carrying out activities not requiring full power. It is highly unlikely that all construction equipment would be operating at their maximum sound power levels at any one time. Certain types of construction machinery would be present in the Proposal site for only brief periods during construction. Therefore, noise predictions are considered conservative.

Table 14 presents the construction equipment proposed for each construction scenario. The activity sound power level has been calculated based on the noisiest plant to determine the worst-case noise impacts during construction. The activity noise levels have been used to predict the noise levels that would be expected during construction.

Table 14 Construction equipment and sound power levels dBA

Plant description	Sound power level	Source	Construction scenario											
			CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12
Standard construction hours			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Outside of hours work			✓	✓		✓	✓		✓	✓	✓			✓
Crane – fixed	113	TfNSW CNVS ¹									✓	✓		
Crane – truck mounted	108	TfNSW CNVS						✓						✓
Dozer CAT D9	116	TfNSW CNVS		✓										
Excavator – 6 tonne	95	TfNSW CNVS		✓		✓	✓			✓	✓	✓		
Hand tools	102	AS2436					✓	✓		✓			✓	
Jackhammer	113	TfNSW CNVS		✓										
Lighting tower	80	TfNSW CNVS												
Pavement laying machine	114	TfNSW CNVS							✓					
Piling rig – bored	112	TfNSW CNVS	✓		✓									
Concrete pump	109	TfNSW CNVS					✓			✓				
Truck – concrete	109	TfNSW CNVS					✓			✓				
Truck – medium rigid	103	TfNSW CNVS					✓			✓	✓	✓		✓
Welding equipment	110	TfNSW CNVS					✓			✓				
Activity sound power level, L_{Aeq(15min)} dBA														
Activity sound power level, L_{A1} dBA			112	116	112	95	110	108	114	110	113	113	102	108

1. Construction Noise and Vibration Strategy

4.1.2 Construction noise modelling

Noise modelling was undertaken using SoundPLAN 8.2. SoundPLAN is a computer program for the calculation, assessment and prognosis of noise exposure. SoundPLAN calculates environmental noise propagation according to *ISO 9613-2 'Acoustics – Attenuation of sound during propagation outdoors'*.

The following noise modelling assumptions were made:

- surrounding land was modelled assuming a mix of 75 per cent soft and 25 per cent hard ground with a ground absorption coefficient of 0.75
- atmospheric absorption was based on an average temperature of 10°C and an average humidity of 70 per cent
- atmospheric propagation conditions were modelled with noise enhancing wind conditions for noise propagation (downwind conditions) or an equivalently well-developed moderate ground-based temperature inversions
- modelled scenarios take into account the shielding effect from surrounding buildings and structures on and adjacent to the site
- noise sources for each scenario are in some cases modelled at different locations. As such the noise modelling assesses the noise source at multiple locations and takes the maximum LA_{eq} received noise level.

4.1.3 Construction noise impacts

Predicted construction noise levels from the construction scenarios outlined in Table 14 are presented in Appendix D. Construction noise contours for each modelled scenario are provided in Appendix E. A summary of exceedances of the noise management levels for residential receivers is presented in Table 15 during standard hours, Table 16 outside standard hours, and in Table 17 for all other receiver types.

Exceedances of the construction noise management levels are typical for construction projects of this scale. The noise impacts would be limited to the construction period only and would not have lasting effects on the community. The maximum noise impacts would be expected during the demolition of the pre-existing footpath and level crossing due to the use of jackhammers, excavators and bobcats. Furthermore, all construction equipment would be operational intermittently and not continuously. As such, impacts on nearby sensitive receivers would only occur over a short duration.

All feasible and reasonable work practices would be applied to minimise noise during construction. It is unlikely however that mitigation measures would reduce the construction noise levels to below the noise management levels. The magnitude of construction noise impacts is dependent upon a number of factors including the intensity and location of activities, the type of equipment used, background noise levels during the construction period and weather conditions. Based on these parameters, the predicted construction noise levels are generally conservative and do not represent a constant noise emission that would be experienced by the community on a daily basis throughout the project construction period.

Construction noise impacts on the community and surrounding environment would not be permanent and would be limited to the duration of the construction period. These impacts can be minimised by implementing noise management controls and standard noise mitigation measures documented in the Transport for NSW *Construction Noise and Vibration Strategy*. Further details of the recommended noise mitigation measures are detailed in Section 5.

Table 15 Summary of noise management exceedance levels for residential receivers – standard hours

Operating hours	NCA		CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12
Standard Hours	NCA01	Number of exceedances above NML ¹ (55 dBA)	11	29	10	0	11	2	24	10	15	12	4	3
		Highest noise level (dBA)	66	70	67	50	77	69	69	65	68	73	69	71
		Highest exceedance (dB)	11	15	12	-	22	14	14	10	13	18	14	16
		Worst affected receiver	R518	R518	R518	R518, R572	R826	R518	R826	R518	R518	R518	R826	R609
	NCA02	Number of exceedances above NML (46dBA)	100	226	96	1	88	56	165	91	148	143	28	47
		Highest noise level (dBA)	64	68	66	49	63	61	69	63	66	66	57	65
		Highest exceedance (dBA)	18	22	20	3	17	15	23	17	20	20	11	19
		Worst affected receiver	R573	R573	R573	R573	R573	R342	R573	R573	R573	R573	R573	R834

Note: 1. Noise management level

Table 16 Summary of noise management exceedance levels for residential receivers – outside standard construction hours

Operating hours	NCA		CS01	CS02	CS04	CS05	CS07	CS08	CS09
OOHW Day	NCA01	Number of exceedances above NML (50dBA)	31	61	0	31	45	26	42
		Highest noise level (dBA)	66	70	50	77	69	65	68
		Highest exceedance dBA)	16	20	0	27	19	15	18
		Worst affected receiver	R518	R518	R518, R572	R826	R826	R518	R518
	NCA02	Number of exceedances above NML (41 dBA)	263	515	6	197	443	224	410
		Highest noise level (dBA)	64	68	49	63	69	63	66
		Highest exceedance (dBA)	23	27	8	22	28	22	25
		Worst affected receiver	R573	R573	R573	R573	R573	R573	R573
OOHW Evening	NCA01	Number of exceedances above NML (43 dBA)	90	111	7	65	99	73	96
		Highest noise level (dBA)	66	70	50	77	69	65	68
		Highest exceedance (dBA)	23	27	7	34	26	22	25
		Worst affected receiver	R518	R518	R518, R572	R826	R826	R518	R518
	NCA02	Number of exceedances above NML (38 dBA)	463	590	15	337	549	410	524
		Highest noise level (dBA)	64	68	49	63	69	63	66
		Highest exceedance (dBA)	26	30	11	25	31	25	28
		Worst affected receiver	R573	R573	R573	R573	R573	R573	R573
OOHW Night	NCA01	Number of exceedances above NML (35 dBA)	119	123	25	118	121	117	119
		Highest noise level (dBA)	66	70	50	77	69	65	68
		Highest exceedance (dBA)	31	35	15	42	34	30	33
		Worst affected receiver	R518	R518	R518, R572	R826	R826	R518	R518
	NCA02	Number of exceedances above NML (35dBA)	549	622	34	515	612	531	592
		Highest noise level (dBA)	64	68	49	63	69	63	66
		Highest exceedance (dBA)	29	33	14	28	34	28	31

Table 17 Summary of noise results for non-residential receivers

Receiver type		CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12
Commercial	Number of exceedances above NML (70 dBA)	1	2	0	0	0	1	1	1	2	1	0	1
	Highest noise level (dBA)	71	77	68	54	65	73	71	71	74	75	59	75
	Highest exceedance (dBA)	1	7	-	-	-	3	1	1	4	5	-	5
	Worst affected receiver	R254	R254	R254	R254	R574	R570	R254	R251	R251	R570	R254	R570
Industrial	Number of exceedances above NML (75 dBA)	1	1	0	0	0	0	0	1	1	1	0	0
	Highest noise level (dBA)	84	95	74	66	60	69	74	99	102	77	62	67
	Highest exceedance (dBA)	9	20	-	-	-	-	-	24	27	2	-	-
	Worst affected receiver	R255	R255	R255	R255	R255	R255	R255	R255	R255	R255	R255	R255
Educational institute	Number of exceedances above NML (55 dBA)	0	0	0	0	0	0	0	0	0	0	0	0
	Highest noise level (dBA)	47	51	46	30	43	44	48	45	48	48	36	45
	Highest exceedance (dBA)	-	-	-	-	-	-	-	-	-	-	-	-
	Worst affected receiver	R245	R245	R245	R245	R837	R762	R245	R245	R245	R245	R245	R762
Place of worship	Number of exceedances above NML (55 dBA)	1	2	0	0	1	0	2	0	2	2	0	0
	Highest noise level (dBA)	56	61	55	39	58	50	60	55	58	56	51	49
	Highest exceedance (dBA)	1	6	0	-	3	-	5	-	3	1	-	-
	Worst affected receiver	R333	R333	R333	R333	R333	R333	R333	R333, R767	R333	R333	R333	R333
Passive recreation	Number of exceedances above NML (65 dBA)	1	2	1	0	1	0	2	1	2	1	0	0
	Highest noise level (dBA)	67	71	65	50	67	58	72	65	68	65	60	56
	Highest exceedance (dBA)	7	11	5	-	7	-	12	5	8	5	0	-
	Worst affected receiver	R256	R256	R256	R256	R256	R256	R256	R256	R256	R256	R256	R256
Active recreation	Number of exceedances above NML (60 dBA)	0	0	0	0	0	0	0	0	0	0	0	0
	Highest noise level (dBA)	41	45	41	24	41	38	45	39	43	43	33	38
	Highest exceedance (dBA)	-	-	-	-	-	-	-	-	-	-	-	-
	Worst affected receiver	R276	R276	R276	R276	R487	R487	R487	R276	R487	R487	R487	R276

Impacts to receivers during standard construction hours

Residences located up to approximately 600 metres away from the proposal site are expected to be noise impacted at some point during construction. The noise management level is predicted to be exceeded by up to 22 dB in NCA01, and 23 dB in NCA02. The *Construction Noise and Vibration Strategy* considers this level of exceedance as 'highly intrusive' and the relevant mitigation measures as discussed in Section 5.1.2 would be implemented at the affected receivers.

The highly noise affected level of 75 dBA is expected to be exceeded at one residential location (141A Station Street) and one commercial location (263 Great Western Highway) during platform resurfacing works. This exceedance is due to the receivers' proximity to the proposed construction works.

Non-residential receivers would only be noise impacted if they are in use during the time of construction. This is considered likely for works during standard construction hours. Specifically, places of worship at 2-8 Hat Hill Road and 123-125 Wentworth Street are likely to be noise affected and will require additional mitigation measures as outlined in Section 5.1.2.

Impacts to receivers outside-standard construction hours

Works outside standard construction hours are expected during rail possessions to complete installation works for the lifts, demolition of pre-existing footpaths and a level crossing. Works during the rail possession have been assessed for all modelled scenarios during the day, evening, and night-time assessment periods. The rail possessions would be required to limit the effect on normal rail operations and improve worker safety.

Residences located within 600 metres of the proposal site are expected to experience noise impacts during construction. These impacts would be over a short-term period and mostly limited to the proposed rail possession periods (weekend closures). The noise management levels are predicted to be exceeded by up to 28 dBA (OOHW Period 1, day), 43 dBA (OOHW Period 1, evening) and 42 dBA (OOHW Period 2, night). The *Construction Noise and Vibration Strategy* considers these exceedances as 'highly intrusive' and additional mitigation measures discussed in Section 5.1.2 should be implemented at the affected receivers.

Sleep disturbance impacts

Construction activities are expected outside standard construction hours to minimise the impacts on rail traffic during construction. There is the potential for maximum noise level events if the predicted maximum noise level is above the screening criteria of 52 dBA for both NCA01 and NCA02.

The screening criteria of 52 dBA is exceeded at up to 124 residential receivers during the demolition of the footpath and level crossing (CS02). The number of exceedances for other OOHW construction scenarios are shown in Table 18.

Table 18 Number of residential receivers exceeding the screening criteria

Construction Scenario	CS01	CS02	CS04	CS05	CS07	CS08	CS09
Number of exceedances	58	130	50	0	52	25	103

The *Road Noise Policy* (DECCW, 2011) states that maximum internal noise levels between 50 to 55 dBA are unlikely to awaken people from sleep. Typically, a window will provide a 10 dBA reduction when partially open and a 20 dBA reduction when closed. For a conservative assessment, the windows have been assumed to be partially open giving an external noise level of 65 dBA. Receivers exposed to external noise levels greater than this 65 dBA limit may experience sleep disturbance impacts. The number of receivers which exceed the sleep disturbance criteria of 65 dBA are listed in Table 19.

Table 19 Number of residential receivers exceeding the sleep disturbance criteria

Construction scenario	CS01	CS02	CS04	CS05	CS07	CS08	CS09
Number of exceedances	1	7	2	0	2	2	5

The sleep disturbance criteria is expected to be exceeded at up to 7 receivers during the loudest of the out of hours construction scenario (CS02). These receivers are presented below in Table 20. The required mitigation measures for these impacted residential receivers are presented in Section 5.1.2. Construction works during the night-time period would not be continuous and daily sleep disturbance impacts during the proposed construction period would not be expected.

Table 20 Sleep disturbance exceedances

Receiver ID	Address	Criteria	NCA	Predicted noise level (external)	Predicted noise level (internal)
R518	2 Railway Avenue, Blackheath	65 (external) 55 (internal)	NCA01	70	60
R573	139 Station Street, Blackheath		NCA02	68	58
R609	132-133 Station Street, Blackheath		NCA01	68	58
R709	140 Wentworth Street, Blackheath		NCA01	66	56
R710	142 Wentworth Street, Blackheath		NCA01	66	56
R711	144 Wentworth Street, Blackheath		NCA01	67	57
R768	136-138 Wentworth Street, Blackheath		NCA01	66	56

Community consultation and consideration of the additional mitigation measures in Section 5.1.2 should be applied if the sleep disturbance criteria is anticipated to be exceeded for more than two consecutive nights and cannot be avoided due to reasonable and feasible justification.

4.2 Construction traffic

The *Road Noise Policy* recommends that “any increase in the total traffic noise level should be limited to 2 dB above that of the corresponding ‘without construction’ scenario.” Construction would generate heavy vehicle movements associated with the transportation of construction machinery, equipment and materials to the site. Light vehicle movements would be associated with employees and smaller deliveries.

The main access to Blackheath Station is via the Great Western Highway, a review of *RMS’ Construction Traffic Volume Viewer* (Station ID 43239) for existing traffic volumes for the Great Western Highway shows approximately 11000 vehicles per day. To increase the traffic noise by 2dB (a doubling in traffic roughly equates to a 3dB increase), the number of vehicles would be required to increase by approximately 7300 vehicles per day. As such, compliance with the arterial road criteria provided in Table 6 would be achieved, and no road traffic noise impacts are predicted along the Great Western Highway due to construction traffic from the Proposal.

Access to Blackheath Station after turning off from the Great Western Highway would be along Bundarra Street and Station Street. These roads are local and would likely experience construction road traffic noise impacts as the existing heavy vehicle traffic volumes would be low, meaning that the local roads criteria provided in Table 6. Construction traffic should be scheduled during less sensitive time periods during the day in accordance with mitigation measures provided in Section 5.1.1.

4.3 Construction vibration

4.3.1 Assessment methodology

Vibration from surface construction plant and equipment was predicted and assessed with consideration to *Assessing Vibration: A Technical Guideline* and British Standard *BS 7385 Part 2 – 1993 Evaluation and measurement for vibration in buildings*. Where noise and vibration levels were predicted to exceed the construction noise management levels, appropriate construction noise and vibration mitigation measures were provided to minimise impacts from each construction phase.

Energy from construction equipment is transmitted into the ground and transformed into vibrations, which attenuates with distance. The magnitude and attenuation of ground vibration is dependent on the following:

- the efficiency of the energy transfer mechanism of the equipment (impulsive; reciprocating, rolling or rotating equipment)
- the frequency contents
- the impact medium stiffness
- the type of wave (surface or body)
- the ground type and topography.

Construction and demolition work have the potential to impact human comfort and / or cause structural damage to buildings. Potential vibration inducing activities identified during construction and demolition works include:

- piling, grinding and cutting will generate impulsive vibration emissions
- bulk earthworks, construction traffic movements and demolition works will be a source of intermittent or continuous vibration.

Safe working buffer distances to comply with the human comfort, cosmetic damage and heritage structural damage criteria were taken from the Construction Noise and Vibration Strategy and are provided in Table 21. Safe working buffer distances for heritage buildings were estimated by doubling the buffer distance for standard structures.

Table 21 Vibration safe working buffer distances, meters

Activity	Human comfort	Structural damage	
		Standard structures	Heritage buildings/structures
Piling rig – Bored	N/A	2 m (nominal)	4 m (nominal)
Piling rig – Hammer	50 m	15 m	30 m
Vibratory roller (>18 tonnes)	100 m	25 m	50 m
Vibratory roller (13-18 tonnes)	100 m	20 m	40 m
Vibratory roller (7-13 tonnes)	100 m	15 m	30 m
Vibratory roller (4-6 tonnes)	40 m	12 m	24 m
Vibratory roller (2-4 tonnes)	20 m	6 m	12 m
Vibratory roller (1-2 tonnes)	15 m	5 m	10 m
Large hydraulic hammer	73 m	22 m	44 m
Jackhammer	Avoid contact with structure	1 m (nominal)	2 m (nominal)

4.3.2 Construction vibration impacts

Based on the identified construction equipment proposed during construction, and in reference to Table 21 above, the bored piling rigs and jackhammers have been identified as potentially causing vibration impacts.

Impacts for standard structures

With consideration to the buffer distances provided in Table 21, structures located within 2 metres of bored piling works or within 1 metre of jackhammering may experience structural damage. Section 5.2 provides mitigation measures for potential construction vibration impacts.

Impacts for heritage listed structures

With consideration to the buffer distances provided in Table 21, heritage listed structures located within 4 metres of bored piling works or within 2 metres of jackhammering may experience structural damage impacts. Blackheath Station itself is a heritage listed item and is inclusive of all structures pertaining to the station. If either of these two activities occur within their respective buffer distances as per Table 21 for any structures pertaining to Blackheath Station, then there is potential for structural damage impacts. Section 5.2 provides mitigation measures for potential construction vibration impacts.

Human comfort impacts

With consideration to the buffer distances provided in Table 21, caution should be taken to avoid contact with structures while jackhammering. Section 5.2 provides mitigation measures for potential construction vibration impacts.

4.4 Operational noise

The operation of Blackheath Station, with respect to rail and road, is expected to remain unchanged. As such operational noise impact are not anticipated and have not been quantitatively assessed.

The main operational noise generating sources from the upgrade of Blackheath Station are mechanical plant such as the motor driving the lift and equipment switchboard rooms. These plant items will need be designed to meet the project noise trigger levels outlines in Section 3.4.1.

5. Mitigation measures

5.1 Construction noise

5.1.1 Standard mitigation measures

Mitigation recommendations are provided in Table 22 to reduce the noise levels during construction activities and have been sourced from Section 8.1 of the *Construction Noise and Vibration Strategy*. These standard mitigation measures shall be applied to mitigate noise and vibration impacts of the Proposal where reasonable and feasible.

Table 22 Construction noise mitigation measures

Action required	Details
Management measures	
Implementation of any Proposal specific mitigation measures required	In addition to the measures set out in this table, any Proposal specific mitigation measures identified in the REF must be implemented.
Implement stakeholder consultation measures	<p>Periodic notification (monthly letterbox drop and website notification) detailing all upcoming construction activities delivered to sensitive receivers at least seven days prior to commencement of relevant works.</p> <p>In addition to periodic notification, the following strategies may be adopted on a case-by-case basis:</p> <ul style="list-style-type: none"> – Proposal specific website – Proposal Infoline – construction response line – email distribution list – web-based surveys – social media – community and stakeholder meetings and – community based forums (if required by approval conditions).
Register of noise and vibration sensitive receivers	<p>A register of most affected noise and vibration sensitive receivers (NVSRs) would be kept on site. The register would include the following details for each NVSR:</p> <ul style="list-style-type: none"> – address of receiver – category of receiver – contact name and phone number. <p>The register may be included as part of the Proposal's Community Liaison Plan or similar document and maintained in accordance with the requirements of this plan.</p>
Construction hours and scheduling	Where feasible and reasonable, construction should be carried out during the standard daytime working hours. Work generating noise with special audible characteristics and/or vibration levels should be scheduled during less sensitive time periods.
Construction respite period	<p>Noise with special audible characteristics and vibration generating activities (including jack and rock hammering, sheet and pile driving, rock breaking and vibratory rolling) may only be carried out in continuous blocks, not exceeding 3 hours each, with a minimum respite period of one hour between each block.</p> <p>'Continuous' includes any period during which there is less than 1 hour respite between ceasing and recommencing any of the work.</p> <p>No more than two consecutive nights of noise with special audible characteristics and/or vibration generating work may be undertaken in the same Noise Catchment Area (NCA) over any 7-day period, unless otherwise approved by the relevant authority.</p>

Action required	Details
Site inductions	All employees, contractors and subcontractors are to receive an environmental induction. The induction must at least include: <ul style="list-style-type: none"> – all relevant Proposal specific and standard noise and vibration mitigation measures – relevant licence and approval conditions – permissible hours of work – any limitations on noise generating activities with special audible characteristics – location of nearest sensitive receivers – construction employee parking areas – designated loading/unloading areas and procedures – site opening/closing times (including deliveries) – environmental incident procedures.
Behavioural practices	No swearing or unnecessary shouting or loud stereos/radios on site. No dropping of materials from height, throwing of metal items and slamming of doors. No excessive revving of plant and vehicle engines. Controlled release of compressed air.
Monitoring	A noise monitoring program should be carried out for the duration of works in accordance with the Construction Noise and Vibration Management Plan and any approval and licence conditions.
Source control measures	
Plan worksites and activities to minimise noise and vibration	Plan traffic flow, parking and loading/unloading areas to minimise reversing movements within the site.
Equipment selection	Use quieter and less vibration emitting construction methods where feasible and reasonable. For example, when piling is required, bored piles rather than impact-driven piles will minimise noise and vibration impacts. Similarly, diaphragm wall construction techniques, in lieu of sheet piling, will have significant noise and vibration benefits.
Maximum noise levels	The noise of plant and equipment must have operating Sound Power or Sound Pressure Levels compliant with the allowable noise levels in Appendix C of the <i>Construction Noise and Vibration Strategy</i> (TfNSW, 2019).
Use and siting of plant	Simultaneous operation of noisy plant within discernible range of a sensitive receiver is to be avoided. The offset distance between noisy plant and adjacent sensitive receivers is to be maximised. Plant used intermittently to be throttled down or shut down. Noise-emitting plant to be directed away from sensitive receivers.
Non-tonal reversing alarms	Non-tonal reversing beepers (or an equivalent mechanism) must be fitted and used on all construction vehicles and mobile plant regularly used on site and for any out of hours work, including delivery vehicles.
Minimise disturbance arising from delivery of goods to construction sites	Loading and unloading of materials/deliveries is to occur as far as possible from sensitive receivers. Select site access points and roads as far as possible away from sensitive receivers. Dedicated loading/unloading areas to be shielded if close to sensitive receivers. Delivery vehicles to be fitted with straps rather than chains for unloading, wherever possible.
Construction related traffic	Schedule and route vehicle movements away from sensitive receivers and during less sensitive times. Limit the speed of vehicles and avoid the use of engine compression brakes. Maximise on-site storage capacity to reduce the need for truck movements during sensitive times.

Action required	Details
Silencers on mobile plant	Where possible reduce noise from mobile plant through additional fittings including: <ul style="list-style-type: none"> – residential grade mufflers – damped hammers such as “City” Model Rammer Hammers – air parking brake engagement is silenced.
Prefabrication of materials off-site	Where practicable, pre-fabricate and/or prepare materials off-site to reduce noise with special audible characteristics occurring on site. Materials can then be delivered to site for installation.
Engine compression brakes	Limit the use of engine compression brakes at night and in residential areas. Ensure vehicles are fitted with a maintained original equipment manufacturer exhaust silencer that complies with the National Transport Commissions ‘in-service test procedure’ and standard.
Path control measures	
Shield stationary noise sources such as pumps	Stationary noise sources should be enclosed or shielded whilst ensuring that the occupational health and safety of workers is maintained. Appendix F of AS 2436:1981 lists materials suitable for shielding
Shield sensitive receivers from noisy activities	Use structures to shield residential receivers from noise such as site shed placement; earth bunds; fencing; erection of operational stage noise barriers (where practicable) and consideration of site topography when situating plant.

5.1.2 Additional mitigation measures

The *Construction Noise Vibration Strategy* provides the following information regarding further mitigation measures for certain receivers exceeding noise management levels and are presented below in Table 23. The Additional Mitigation Measures Matrices would be used to determine the additional measures after the application of standard mitigation measures where reasonable and feasible.

Table 23 Additional management measures

Measure	Description	Abbreviation
Periodic notification	<p>For each Transport for NSW Infrastructure and Place (IP) project, a notification entitled ‘Project Update’, or ‘Construction Update’ is produced and distributed to stakeholders via letterbox drop and distributed to the Proposal postal and/or email mailing lists.</p> <p>Periodic notifications provide an overview of current and upcoming works across the Proposal and other topics of interest. The objective is to engage, inform and provide Proposal-specific messages. Advanced warning of potential disruptions (eg traffic changes or noisy works) can assist in reducing the impact on stakeholders. The approval conditions for projects specify requirements for notification to sensitive receivers where works may impact on them.</p> <p>Content and length are determined on a project-by-project basis and must be approved by Transport for NSW prior to distribution.</p> <p>Most projects distribute notifications on a monthly basis. Each notification is graphically designed within a branded template. In certain circumstances media advertising may also be used to supplement Periodic Notifications, where considered effective.</p> <p>Periodic Notification may be advised by the IP Community Engagement Team in cases where additional management measures are not triggered as shown in Tables 9 to 11, for example where community impacts extend beyond noise and vibration (traffic, light spill, parking etc). In these circumstances the IP Community Engagement Team will determine the community engagement strategy on a case-by-case basis.</p>	PN

Measure	Description	Abbreviation
Verification Monitoring	<p>Verification monitoring of noise and/or vibration during construction may be conducted at the affected receiver(s) or a nominated representative location (typically the nearest receiver where more than one receiver has been identified). Monitoring can be in the form of either unattended logging (ie for vibration provided there is an immediate feedback mechanism such as SMS capabilities) or operator attended surveys (ie for specific periods of construction noise).</p> <p>The purpose of monitoring is to confirm that:</p> <ul style="list-style-type: none"> – construction noise and vibration from the Proposal are consistent with the predictions in the noise assessment – mitigation and management of construction noise and vibration is appropriate for receivers affected by the works. <p>Where noise monitoring finds that the actual noise levels exceed those predicted in the noise assessment then immediate refinement of mitigation measures may be required and the Construction Noise and Vibration Impact Statement (CNVIS) amended.</p>	V
Specific Notification	<p>Specific notifications are in the form of a personalised letter or phone call to identified stakeholders no later than seven calendar days ahead of construction activities that are likely to exceed the noise objectives. Alternatively (or in addition to), communications representatives from the contractor would visit identified stakeholders at least 48 hours ahead of potentially disturbing construction activities and provide an individual briefing.</p> <ul style="list-style-type: none"> – letters may be letterbox dropped or hand distributed – phone calls provide affected stakeholders with personalised contact and tailored advice, with the opportunity to provide comments on the proposed work and their specific needs – individual briefings are used to inform stakeholders about the impacts of noisy activities and mitigation measures that will be implemented. Individual briefings provide affected stakeholders with personalised contact and tailored advice, with the opportunity to comment on the Proposal. <p>Specific notifications are used to support periodic notifications, or to advertise unscheduled works and must be approved by Transport for NSW prior to implementation/distribution.</p>	SN
Respite Offer	<p>The purpose of a Proposal specific respite offer is to provide residents subjected to lengthy periods of noise or vibration respite from an ongoing impact. The offer could comprise prepurchased movie tickets, bowling activities, meal vouchers or similar offer. This measure is determined on a case-by-case basis and may not be applicable to all IP projects.</p>	RO
Alternative Accommodation	<p>Alternative accommodation options may be provided for residents living in close proximity to construction works that are likely to incur unreasonably high impacts. Alternative accommodation will be determined on a case-by-case basis and should provide a like-for-like replacement for permanent residents, including provisions for pets, where reasonable and feasible.</p>	AA
Alternative construction methodology	<p>Where the vibration assessment identifies that the proposed construction method has a high risk of causing structural damage to buildings near the works, the proponent will need to consider alternative construction options that achieve compliance with the Vibration Management Level (VMLs) for building damage. For example, replace large rock breaker with smaller rock breakers or rock saws.</p>	AC
Respite Period	<p>OOHW during evening and night periods will be restricted so that receivers are impacted for no more than 3 consecutive evenings and no more than 2 consecutive nights in the same NCA in any one week. A minimum respite period of 4 evenings/5 nights shall be implemented between periods of evening and/or night works. Strong justification must be provided where it is not reasonable and feasible to implement these period restrictions (eg to minimise impacts to rail operations), and approval must be given by Transport for NSW through the OOHV Approval Protocol. Note: this management measure does not apply to OOHV Period 1 – Days.</p>	RP

Measure	Description	Abbreviation
Duration Reduction	Where Respite Periods (see management measure above) are considered to be counterproductive to reducing noise and vibration impacts to the community it may be beneficial to increase the number of consecutive evenings and/or nights through Duration Reduction to minimise the duration of the activity. This measure is determined on a project-by-project basis and may not be applicable to all IP projects. Impacted receivers must be consulted and evidence of community support for the Duration Reduction must be provided as justification for the Duration Reduction. A community engagement strategy must be agreed with and implemented in consultation with IP Community Engagement Representatives.	DR

The *Construction Noise and Vibration Strategy* outlines the various trigger levels to warrant these mitigation measures, and such is presented below in Table 24. The predicted noise levels for each receiver, and hence any additional noise mitigation measures, are presented in Appendix D.

Table 24 Triggers for additional mitigation measures – airborne noise

Construction hours	Receiver perception	dB(A) above RBL ¹	dB(A) above NML	Additional management measures
Standard Hours: Mon – Fri (7am – 6pm), Sat (8am – 1pm), Sun/Public Holiday (Nil)	Noticeable	5 to 10	0	-
	Clearly audible	> 10 to 20	< 10	-
	Moderately intrusive	> 20 to 30	> 10 to 20	PN, V
	Highly intrusive	> 30	> 0	PN, V
	75 dB(A) or greater	N/A	N/A	PN, V, SN
OOHW Period 1: Mon – Fri (6pm – 10pm), Sat (7am – 8am & 1pm – 10pm), Sun/Public Holiday (8am – 6pm)	Noticeable	5 to 10	< 5	-
	Clearly audible	> 10 to 20	5 to 15	PN, RP ² , DR ²
	Moderately intrusive	> 20 to 30	> 15 to 25	PN, V, SN, RO, RP ² , DR ²
	Highly intrusive	> 30	> 25	PN, V, SN, RO, RP ² , DR ²
OOHW Period 2: Mon – Sat (12am – 7am), Sun/Pub Holiday (12am – 8am, 6pm – 12am)	Noticeable	5 to 10	< 5	PN
	Clearly audible	> 10 to 20	5 to 15	PN, V, SN, RO ³ , RP ² , DR ²
	Moderately intrusive	> 20 to 30	> 15 to 25	PN, V, SN, RO ³ , RP ² , DR ²
	Highly intrusive	> 30	> 25	PN, V, SN, RO ³ , AA ² , RP ² , DR

Notes:

- SWLs used for the purpose of estimating noise impact shall be increased by 5dB(A) where works will include: power saws for the cutting of timber, masonry & steel; grinding of metal, concrete or masonry; rock/line drilling; bitumen milling & profiling; jack hammering, rock hammering & rock breaking; or impact piling as a correction factor for noise with special audible characteristics. It is noted that this correction factor is automatically calculate under Step 2 of the Construction Noise Estimator Tool (see Appendix E).
- Respite periods and duration reduction are not applicable when works are carried out during OOHW Period 1 Day only (ie Saturday 6am - 7am & 1pm - 6pm, Sundays / public holidays 8am - 6pm).
- Respite offers during OOHW Period 2 are only applicable for evening periods (ie Sundays / Public Holidays 6pm - 10pm) and may not be required if a respite offer has already been made for the immediately preceding OOHW Period 1.

5.2 Construction vibration

Building condition inspection reports should classify building structure and susceptibility to damage in accordance with the BS 7385 classifications. The resulting building classifications are to be used for determination of the applicable BS 7385 vibration criteria curves. Condition inspections are to identify high-risk buildings where additional vibration restrictions and more stringent criteria may apply.

Where construction activities generating vibration are to be undertaken at a distance less than those provided above in Table 21, initial vibration monitoring trials should be undertaken at the commencement of jackhammering and bored piling activities. The initial vibration trials should include:

- determine the frequency dependent BS 7385 vibration criteria from the vibration generating equipment dominant frequencies
- confirming safe working buffer distances for that equipment in that work area based on the frequency dependent BS 7385 vibration criteria.

When vibration generating equipment is operating within the above confirmed buffer distances, additional vibration monitoring equipment should be deployed at the building foundation with a trigger level based on the frequency dependent BS 7385 vibration criteria. If the vibration level on the equipment is reached a visual alarm should be triggered to alert the operators that the vibration criteria have been exceeded.

5.3 Operational noise

Operational noise from the Proposal is not predicted to significantly increase from the current operational level. In order to ensure that acoustic compliance is maintained, the following mitigation measures are recommended and should be incorporated as part of the design where feasible and reasonable:

- mechanical plant should be designed to meet the *Noise Policy for Industry* project noise trigger levels
- mechanical plant should be well maintained and operate in an efficient manner. This is to limit any excess noise generation that may arise when plant is not functioning correctly.

6. Conclusion

Noise and vibration impacts for the construction and operational phases of the Proposal have been assessed. The assessment included appropriate construction and operational noise and vibration criteria based on background noise monitoring levels.

6.1 Construction noise

Construction of the Proposal is expected to commence in mid-2022 and take approximately 12 months to complete. Construction is proposed to be undertaken mainly during standard construction hours, with some works requiring out of hours work during rail shutdown periods.

The predicted noise levels are expected to exceed the noise management levels during standard construction hours, and some residential receivers are expected to experience noise levels above the highly affected noise level of 75 dBA during these hours. Mitigation measures to reduce construction noise impacts have been provided in Section 5.1.

Sleep disturbance impacts for constructions works occurring outside standard construction hours have been predicted for up to 7 residential receivers. Community consultation and consideration of the additional mitigation measures in Section 5.1.2 should be applied if the sleep disturbance criteria is anticipated to be exceeded for more than two consecutive nights and cannot be avoided due to reasonable and feasible justification.

Traffic noise impacts are not expected along Great Western Highway due to the high levels of existing traffic. Local roads Bundarra Road and Station Street are required to be used by construction traffic to reach the proposal site, pre-existing heavy traffic along these roads is low, and construction traffic noise impacts to nearby receivers is to be expected.

It is typical for construction projects to exceed the construction noise management levels. Any impacts due to construction works are temporary in nature and would not represent a permanent impact on the community and surrounding environment. The predicted noise levels are generally conservative and would only be experienced for limited periods during construction. Impacts may be reduced through the introduction of feasible and reasonable mitigation measures which have been recommended in Section 5.1.

6.2 Construction vibration

As discussed above in Section 4.3, there is the potential for structural damage impacts to occur where bored piling and jackhammering are to occur adjacent to structures within the buffer distances as provided in Table 21. As Blackheath Station itself is listed as a heritage item, including all structures pertaining to the station, there is the potential for structural damage impacts where the above activities are to occur within the heritage structures buffer distances as provided in Table 21.

Where construction is required within the safe working buffer distance, alternative work methods are required, such as using smaller equipment. If no alternative work method is feasible or reasonable, then compliance vibration monitoring should be undertaken where works are required within the safe working buffer distance and include:

- site tests to review the measured frequency content in order to determine the structural damage criteria as per Table 9 for standard dwellings
- continuous vibration monitoring with a visual alarm installed to warn the equipment operator when the structural damage vibration criteria (considering frequency content) is exceeded.

6.3 Operational noise

Operational noise from the Proposal is not predicted to significantly increase from the current operational level. In order to ensure that acoustic compliance is maintained, the following mitigation measures are recommended and should be incorporated as part of the design where feasible and reasonable:

- mechanical plant should be designed to meet the *Noise Policy for Industry* project noise trigger levels
- mechanical plant should be well maintained and operate in an efficient manner. This is to limit any excess noise generation that may arise when plant is not functioning correctly.

Appendix A

Acoustic concepts and terminology

Acoustic concepts and terminology

Definition of 'noise'

Sound may be defined as any pressure variation that the human ear can detect. The terms "sound" and "noise" are more or less interchangeable however, "noise" is generally often referred to as unwanted sound.

Factors that contribute the environmental noise

Noise from an activity such as construction noise or noise during the operation of a facility at a given receiver location can be affected by a number of different factors, including:

- How loud the source activity is and the type of source:
 - Point (e.g. a pump or motor)
 - Line (e.g. a road or railway line)
 - Area (e.g. the external façades of an industrial building)
- The distance from the source to receiver
- The type of ground between the sound and receiver locations (e.g. hard surfaces or porous ground)
- The ground topography between the source and the receiver, e.g. is it flat or hilly? Blocking the line of sight will generally reduce the noise level for the receiver
- Obstacles that may block the line of sight between the source and the receiver (e.g. buildings or noise walls)
- Atmospheric absorption (dependent on humidity and temperature)
- Meteorological conditions that may increase or reduce environmental sound propagation (e.g. wind direction or temperature inversions)

Noise measurements

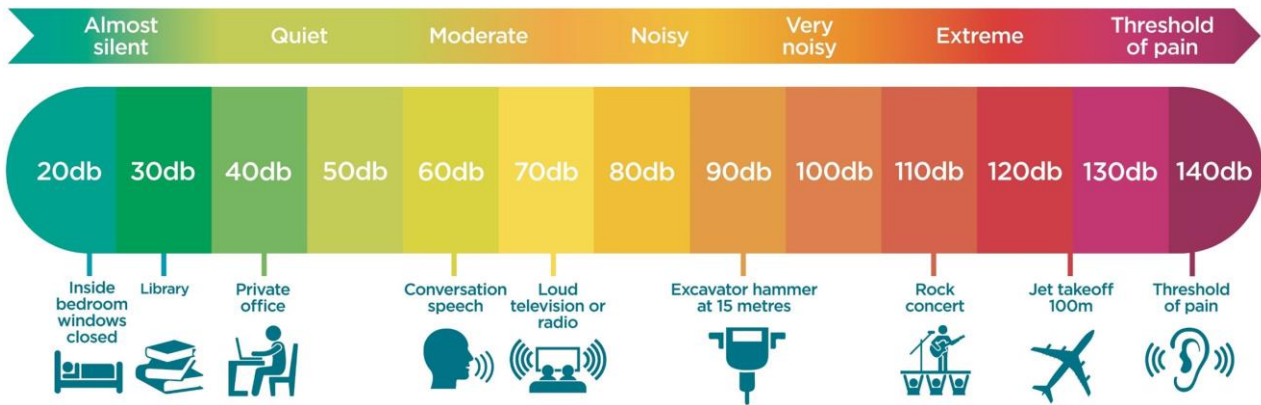
Noise is generally measured using a specially designed 'sound level meter' (SLM) and must meet internationally recognized performance standards. To avoid expressing sound or noise in terms of Pa, which could involve some unmanageable numbers, the logarithmic decibel or dB scale is used. The scale uses the hearing threshold of 20 μ Pa or 20×10^{-6} Pa as the reference level and is defined as 0 dB.

Typical noise levels

The figure below presents typical noise sources for each various sound pressure levels and a corresponding subjective noise level description.

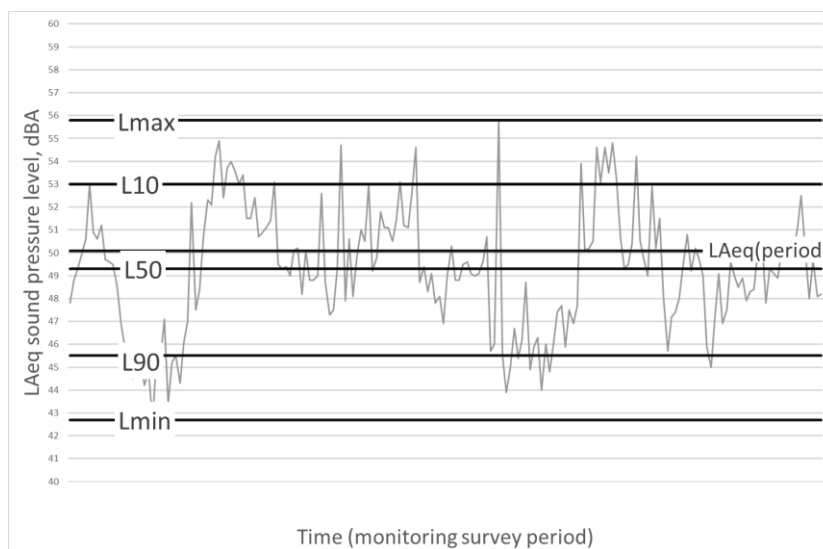
Noise level comparisons

People's perception of noise is strongly influenced by their environment. A noise level that is perceived as loud in one situation may appear quiet in another.



Typical noise descriptors

Noise is represented by the descriptor L_{AN} , representing a statistical sound measurement recorded on the 'A' weighted scale. A typical noise monitoring chart is shown in the graph below along with the noise descriptors.



Where:

- L_{Amax} : The maximum sound level recorded during the measurement period.
- L_{Amin} : The minimum sound level recorded during the measurement period.
- $L_{A10(period)}$: The A-weighted sound pressure level that is exceeded for 10% of the measurement period.
- $L_{Aeq(period)}$: Equivalent sound pressure level, the steady sound level that, over a specified period of time, would produce the same energy equivalence as the fluctuating sound level actually occurring.
- $L_{A90(period)}$: The A-weighted sound pressure level that is exceeded for 90% of the time over which a given sound is measured. This is considered to represent the background noise e.g. $L_{A90(15min)}$.

Changes in noise levels

The table below presents a qualitative description of average human responses to changes in noise levels.

Difference	Human response
Difference of 2 dBA	Generally imperceptible by the human ear
Difference of 5 dBA	Considered significant
Difference of 10 dBA	Perceived as a doubling (or halving) of the noise source
Addition of two identical noise levels	Increase levels by 3 dBA
Addition of second noise level of similar character	If the secondary noise level is a minimum 8 dBA below the primary noise level, the noise level will not significantly increase
Doubling of distance between source and receiver	Results in a 3 dBA decrease for a line source and 6 dBA for a point source
A doubling of traffic volume	Results in a 3 dBA increase in noise

Audibility of noise

The table below presents quantitative guidance and qualitative descriptions regarding the audibility of noise.

Audibility	Description
Inaudible	Noise source cannot be heard. The noise level is generally less than the background noise level, potentially by more than 10 dBA or greater
Barely audible	Characteristics of the noise is difficult to define or masked by extraneous noise. The noise level is generally 5-7 dBA below the background noise or ambient noise level, depending on the nature of the noise e.g. constant or intermittent
Just audible	Characteristics of the noise can be defined but extraneous noise sources are also contributing to the received noise. The noise level is typically below the background and ambient noise level.
Audible	Characteristics of the noise can be easily defined. The noise level may be at the level of the background noise and above.
Dominant	The noise source is significantly 'louder' than all other noise sources. The noise level will likely be significantly greater than the background noise level.

Types of noise sources

The table below offers a qualitative description of various noise types and provides the noise descriptor that is typically used to measure the type of noise.

Duration of the noise	Description
Continuous noise	Continuous noise is produced by equipment or activities that operates without interruption in the same mode, for e.g. blowers, pumps and processing equipment. Measuring for just a few minutes with hand-held equipment is sufficient to determine the noise level. If tones or low frequencies are heard, the frequency spectrum can be measured for documentation and further analysis. Continuous noise sources are generally captured by the L_{90} noise descriptor.
Intermittent noise	Intermittent noise is a noise level that increases and decreases rapidly. This might be caused by a train passing by, factory equipment that operates in cycles, or aircraft flying above. Intermittent noise is measured in a similar way to continuous noise, with a sound level meter. The duration of each occurrence and the time between each event is important to note. To gain a more reliable estimate of the noise level, multiple occurrences of the noise source is measured to gain a reliable estimate. Intermittent noise sources are generally captured by the L_{eq} noise descriptor.

Duration of the noise	Description
Impulsive noise	The noise from impacts or explosions, for e.g. from a pile driver, punch press or gunshot, is called impulsive noise. It is brief and abrupt, and its startling effect causes greater annoyance than would be expected from a simple measurement of sound pressure level. To quantify the impulsiveness of noise, the difference between a quickly responding and a slowly responding parameter can be used. Impulsive noise sources are generally captured by the L_{max} or L_{peak} noise descriptor.
Frequency content	Description
Low frequency	Noise containing major components in the low-frequency range (10 hertz [Hz] to 160 Hz) of the frequency spectrum
Tonal noise	Tonal noise contains one or more prominent tones (i.e. distinct frequency components), and is normally regarded as more offensive than 'broad band' noise
Defining characteristic	Description
Extraneous noise	Noise resulting from activities that are not typical of the area. Atypical activities may include construction, and traffic generated by holiday periods and by special events such as concerts or sporting events. Normal daily traffic is not considered to be extraneous.
Subject noise	The noise in question removed from any extraneous noise in the area
Offensive noise	The definition of offensive noise in the POEO Act is noise: (a) that, by reason of its level, nature, character or quality, or the time at which it is made, or any other circumstances: (i) is harmful to (or is likely to be harmful to) a person who is outside the premises from which it is emitted, or (ii) interferes unreasonably with (or is likely to interfere unreasonably with) the comfort or repose of a person who is outside the premises from which it is emitted, or (b) that is of a level, nature, character or quality prescribed by the regulations or that is made at a time, or in other circumstances, prescribed by the regulations.

Frequency analysis

Frequency analysis is the process used to examine the tones (or frequency components) which make up the overall noise or vibration signal. This analysis was traditionally carried out using analogue electronic filters, but is now normally carried out using Fast Fourier Transform (FFT) analysers. The units for frequency are Hertz (Hz), which represent the number of cycles per second. Frequency analysis can be in:

- Octave bands (where the centre frequency and width of each band is double the previous band)
- 1/3 octave bands (3 bands in each octave band)
- Narrow band (where the spectrum is divided into 400 or more bands of equal width)

Vibration

Definition of 'vibration'

Vibration may be defined as cyclic or transient motion. This motion can be measured in terms of its displacement, velocity or acceleration. Most assessments of human response to vibration or the risk of damage to buildings use measurements of vibration velocity.

Vibration descriptors

These may be expressed in terms of 'peak' velocity or 'rms' velocity. The former is the maximum instantaneous velocity, without any averaging, and is sometimes referred to as 'peak particle velocity', or PPV. The latter incorporates 'root mean squared' averaging over some defined time period. Vibration measurements may be carried out in a single axis or alternatively as triaxial measurements. Where triaxial measurements are used, the axes are commonly designated vertical, longitudinal (aligned toward the source) and transverse. The common units for velocity are millimetres per second (mm/s). As with noise, decibel units can also be used, in which case the reference level should always be stated. A vibration level V , expressed in mm/s can be converted to decibels by the formula $20 \log (V/V_0)$, where V_0 is the reference level (10^{-9} m/s). Care is required in this regard, as other reference levels may be used by some organisations.

Types of vibration

Vibration in buildings can be caused by many different external sources, including industrial, construction and transportation activities. The vibration may be continuous (with magnitudes varying or remaining constant with time), impulsive (such as in shocks) or intermittent (with the magnitude of each event being either constant or varying with time). A description of each vibration type including examples are presented in the table below.

Vibration type	Description	Examples
Continuous vibration	Vibration continues uninterrupted for a defined period (usually throughout daytime and/or night-time). This type of vibration is assessed on the basis of weighted rms acceleration values	Machinery, steady road traffic, continuous construction activity (such as tunnel boring machinery)
Impulsive vibration	A vibration source (continuous or intermittent) which has a rapid build up to a peak followed by a damped decay that may or may not involve several cycles of vibration (depending on frequency and damping). This type of vibration is assessed on the basis of weighted rms acceleration values	Infrequent: Activities that create up to 3 distinct vibration events in an assessment period, e.g. occasional dropping of heavy equipment, occasional loading and unloading.
Intermittent vibration	Interrupted periods of continuous (for e.g. a drill) or repeated periods of impulsive vibration (for e.g. a pile driver), or continuous vibration that varies significantly in magnitude. This type of vibration is assessed on the basis of vibration dose values	Trains, nearby intermittent construction activity, passing heavy vehicles, forging machines, impact pile driving, jack hammers. Where the number of vibration events in an assessment period is three or fewer this would be assessed against impulsive vibration criteria

How humans perceive vibration

People are able to 'feel' vibration at levels lower than those required to cause even superficial damage to the most susceptible classes of building (even though they may not be disturbed by the motion). An individual's perception of motion or response to vibration depends very strongly on previous experience and expectations, and on other connotations associated with the perceived source of the vibration. For example, the vibration that a person responds to as 'normal' in a car, bus or train is considerably higher than what is perceived as 'normal' in a shop, office or dwelling.

Typical vibration levels

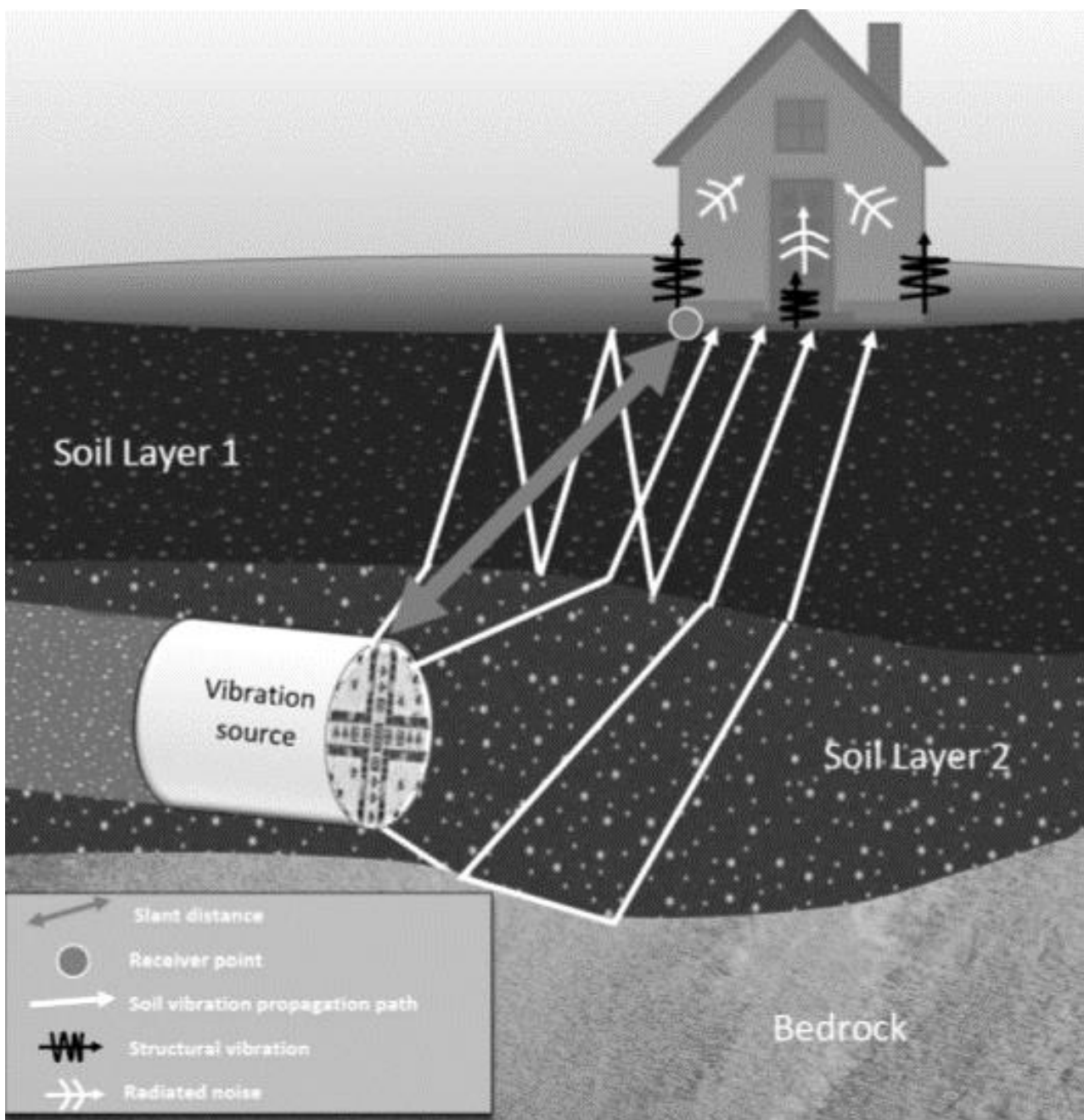
Typical ground vibration from civil construction activities occurs in the frequency range of approximately 8 Hz to 100 Hz. Within this frequency range, building contents such as blinds and pictures would commence visible movement at 0.5 mm/s. At vibration levels higher than 0.9 mm/s, rattling of windows, crockery or loose objects would be audible and annoying.

Velocity level (mm/s)	Typical source	Response
0.01	Typical background vibration level	Scanning electron microscopes to 50000 x amplification
0.03		500x amplification bench microscopes
0.1	Average passenger train vibration	Approximate threshold for human perception of vibration
0.3	Average freight train vibration Max passenger train vibration	Approx. residential annoyance for train passbys
1	Large rock breaker	Vibration level that will generally result in complaints
3	Blasting/ Impact pile driving	Threshold for minor cosmetic damage

Ground-borne noise and vibration

Noise that propagates through a structure as vibration and is radiated by vibrating wall, ceiling and floor surfaces is termed “ground-borne noise”, “regenerated noise”, or sometimes “structure borne noise”. Ground-borne noise originates as vibration and propagates between the source and receiver through the ground and/or building structural elements, rather than through the air. Typical sources of ground-borne noise include tunnelling construction works or underground railway operations.

The figure below presents the various paths by which vibration and ground-borne noise may be transmitted between a source and receiver for construction activities that occur below the ground level (for e.g. a tunnel boring machine).



Acronyms and abbreviations

Term	Definition
AWS	Automatic Weather Station
BOM	Bureau of Meteorology
dB	Decibel is the unit used for expressing the sound pressure level (SPL) or power level (SWL) in acoustics.
dBA	Decibel expressed with the frequency weighting filter used to measure 'A-weighted' sound pressure levels, which conforms approximately to the human ear response, as our hearing is less sensitive at low and high frequencies.
dBZ or dBL	The unit used to measure 'Z-weighted' sound pressure levels with no weighting applied, linear.
CEMP	Construction Environmental Management Plan
DECC	Department of Environment and Climate Change
DECCW	Department of Environment, Climate Change and Water
EPA	Environmental Protection Authority
ICNG	<i>Interim Construction Noise Guideline</i> (DECC, 2009).
NPfl	<i>Noise Policy for Industry</i> (EPA, 2017).
L _{Aeq(period)}	Equivalent sound pressure level: the steady sound level that, over a specified period of time, would produce the same energy equivalence as the fluctuating sound level actually occurring.
L _{A10(period)}	The noise level exceeded for 10 per cent of the time and is approximately the average of the maximum noise levels.
L _{A90(period)}	The sound pressure level that is exceeded for 90% of the measurement period.
L _{Amax}	The absolute maximum noise level in a noise sample
NSW	New South Wales
OOHW	Out-of-hours Works
PPV	Peak particle velocity is the maximum vector sum of three orthogonal time-synchronized velocity components regardless of whether these component maxima occurred simultaneously.
RBL	Rating Background Level . The overall single-figure background level representing each assessment period (day/evening/night) over the whole monitoring period.
rms	Root Mean Square Amplitude (rms) is the square root of the average of the squared values of the waveform. In the case of the sine wave, the RMS value is 0.707 times the peak value, but this is only true in the case of the sine wave.
RNP	<i>Road Noise Policy</i> (DECCW, 2011).
SEARs	Secretary's Environmental Assessment Requirements
SPL	Sound Pressure Level
SWL	Sound Power Level
SWRO	Seawater Reverse Osmosis
Rw	Weighted Sound Reduction Index which provides a single-number quantity which characterises the airborne sound insulation of a material or building element over a range of frequencies
TBM	Tunnel Boring Machine
VDV	Vibration dose value - As defined in BS6472 – 2008, VDV is given by the fourth root of the integral of the fourth power of the frequency weighted acceleration.
WFP	Water Filtration Plant

Common Terms

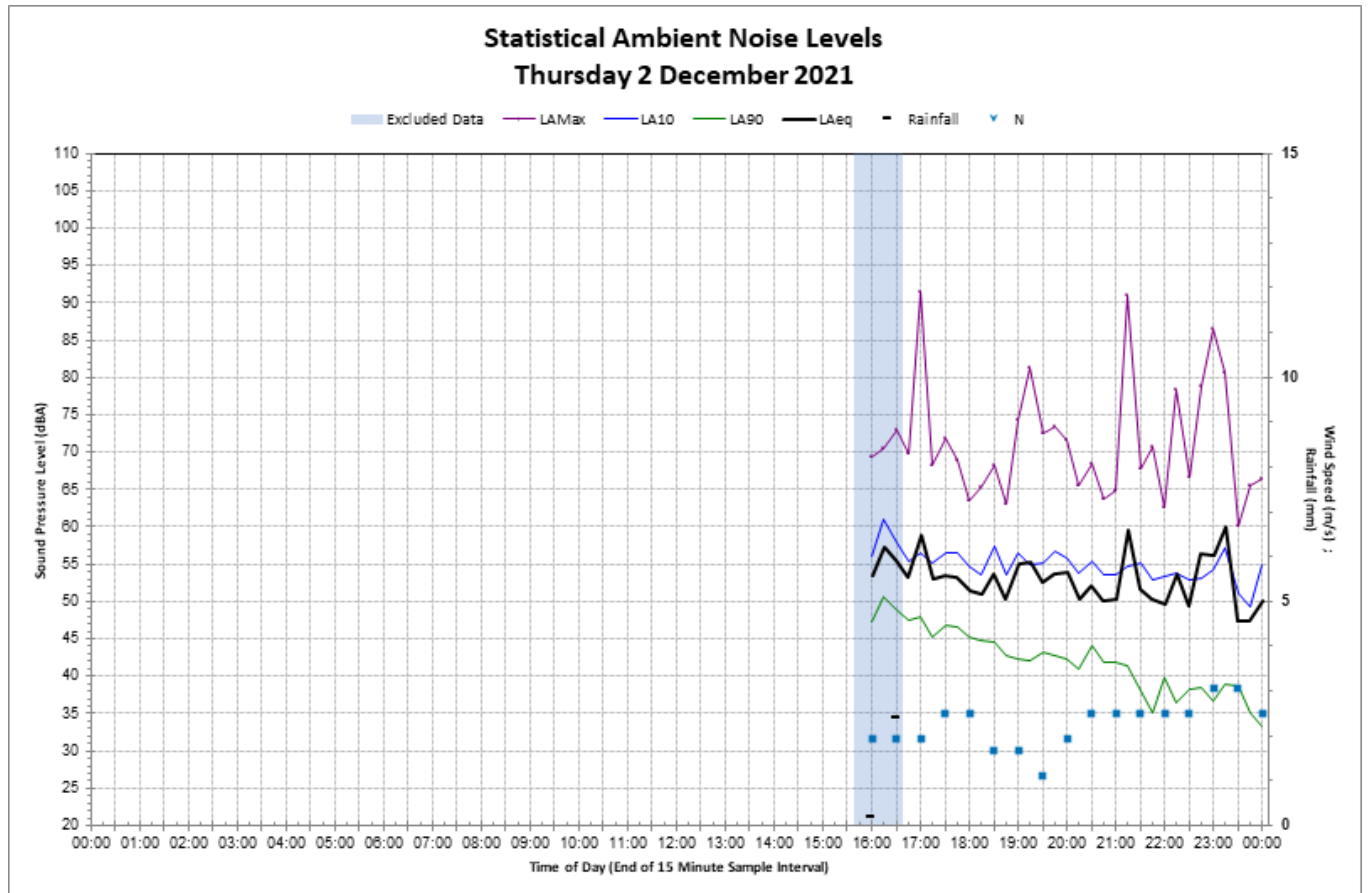
Term	Definition
A weighting	The human ear responds more to frequencies between 500 Hz and 8 kHz and is less sensitive to very low-pitch or high-pitch noises. The frequency weightings used in sound level measurements are often related to the response of the human ear to ensure that the meter better responds to what you actually hear
Adverse weather	Weather effects that enhance noise (that is, wind and temperature inversions) that occur at a site for a significant period of time (that is, wind occurring more than 30% of the time in any assessment period in any season and/or temperature inversions occurring more than 30% of the nights in winter).
Ambient noise	The all-encompassing noise associated within a given environment. It is the composite of sounds from many sources, both near and far. This is described using the Leq descriptor
Background noise	The underlying level of noise present in the ambient noise, excluding the noise source under investigation, when extraneous noise is removed. This is described using the L90 descriptor
Compliance	The process of checking that source noise levels meet with the noise limits in a statutory context.
Determining authority	Defined by Section 110 of the <i>Environmental Planning and Assessment Act 1979</i> as 'a Minister or public authority and, in relation to any activity, means the Minister or public authority by or on whose behalf the activity is or is to be carried out or any Minister or public authority whose approval is required in order to enable the activity to be carried out.'
Extraneous noise	Noise resulting from activities that are not typical of the area. Atypical activities may include construction, and traffic generated by holiday periods and by special events such as concerts or sporting events. Normal daily traffic is not considered to be extraneous
EIS	Environmental Impact Assessment
Feasible and reasonable measures	Feasibility relates to engineering considerations and what is practical to build. reasonableness relates to the application of judgement in arriving at a decision, taking into account the following factors: - Noise mitigation benefits (amount of noise reduction provided, number of people protected); Cost of mitigation (cost of mitigation versus benefit provided); Community views (aesthetic impacts and community wishes); Noise levels for affected land uses (existing and future levels, and changes in noise levels)
Ground-borne noise	Noise heard within a building that is generated by vibration transmitted through the ground into the structure from construction works, sometimes referred to as 'regenerated noise' or 'structure-borne noise'. Ground-borne noise can be more noticeable than airborne noise for underground works such as tunnelling. The ground-borne noise levels are only applicable when ground-borne noise levels are higher than airborne noise levels.
Ground-borne vibration	Vibration transmitted from a source to a receptor via the ground
Hertz	The measure of frequency of sound wave oscillations per second. 1 oscillation per second equals 1 hertz.
Masking	The phenomenon of one sound interfering with the perception of another sound. For example, the interference of traffic noise with use of a public telephone on a busy street.
Maximum noise event	The loudest event or events within a given period of time. This is generally described using the L _{max} descriptor
Meteorological conditions	Wind and temperature inversion conditions
Most-affected location	Location(s) that experience (or will likely experience) the greatest noise impact from the construction works under consideration. In determining these locations, existing background noise levels, noise source location(s), distance and any shielding between the construction works (or proposed works) and the residences and other sensitive land uses need to be considered.

Term	Definition
Noise management level	The Noise Management Level (NML) as defined as the EPA's ICNG. To be measured and assessed at the property boundary that is most exposed to construction noise, and at a height of 1.5 m above ground level. If the residential property boundary is more than 30 m from the residence, the location for measuring or predicting noise levels is at the most affected point within 30 m of the residence.
Noise sensitive receiver	An area or place potentially affected by noise which includes: a residential dwelling an educational institution, library, childcare centre or kindergarten a hospital, surgery or other medical institution an active (e.g. sports field, golf course) or passive (e.g. national park) recreational area commercial or industrial premises a place of worship.
Non-compliance	Development is deemed to be in non-compliance with its noise consent/ licence conditions if the monitored noise levels exceed its statutory noise limit (exceptions may be given if the noise level exceeds by less than 2 dB)
Octave	A division of the frequency range into bands, the upper frequency limit
Project noise trigger level	Target noise levels for a particular noise generating facility. They are based on the most stringent of the intrusive criteria or amenity criteria. Which of the two criteria is the most stringent is determined by measuring the level and nature of existing noise in the area surrounding the actual or propose noise generating facility.
Proposal	The construction and operation of the SWRO site, the modifications to the Illawarra WFP site and associated infrastructure including the power route, the delivery pipeline, the se and the intake and outlet tunnels.
proposal site	The immediate location of the proposal, which is the area that has the potential to be directly disturbed by construction and operation.
Resonance	Resonance describes the phenomenon of increased amplitude that occurs when the frequency of a periodically applied force is equal or close to a natural frequency of the system on which it acts.
Study area	Land in the vicinity of, and including, the proposal site. The 'study area' is the wider area surrounding the proposal site.
Temperature inversion	An atmospheric condition in which temperature increases with height above the ground.
Third-octave	Single octave bands divided into three parts.

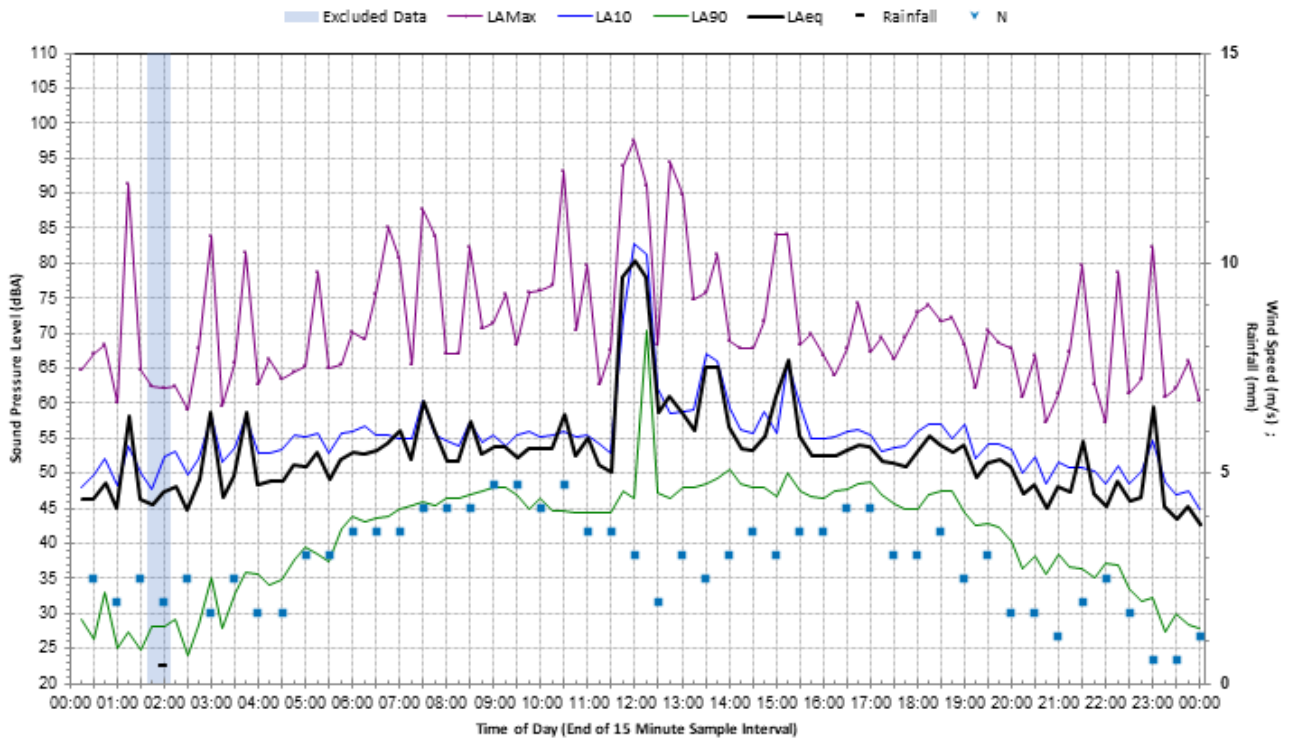
Appendix B

Daily noise monitoring charts

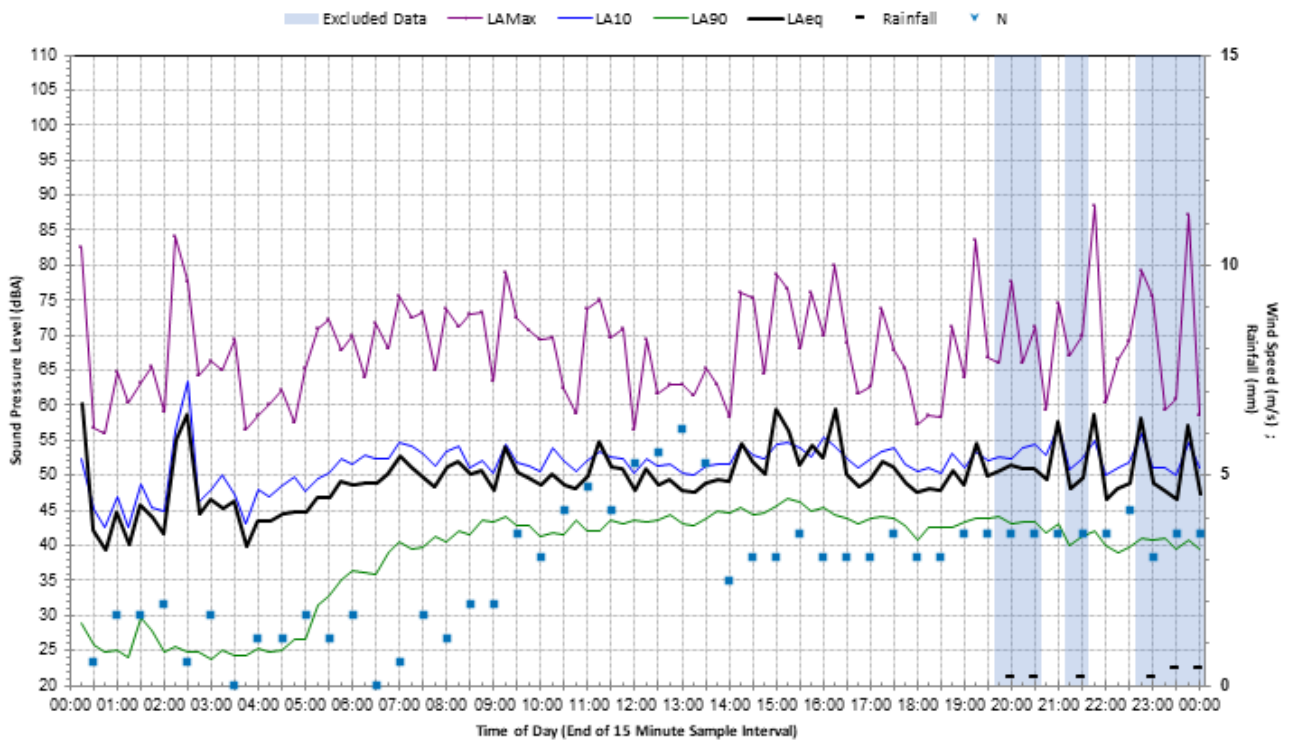
NCA01 – 141A Station Street



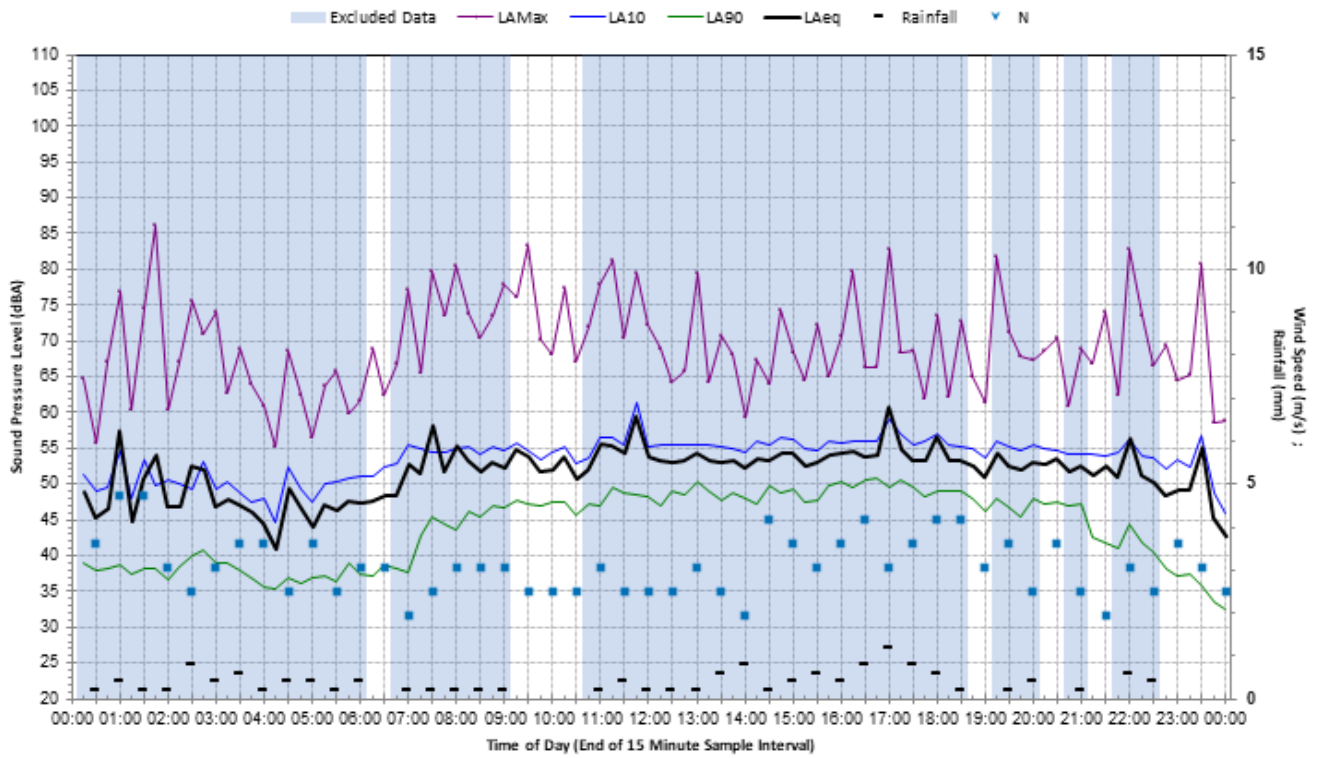
Statistical Ambient Noise Levels Friday 3 December 2021



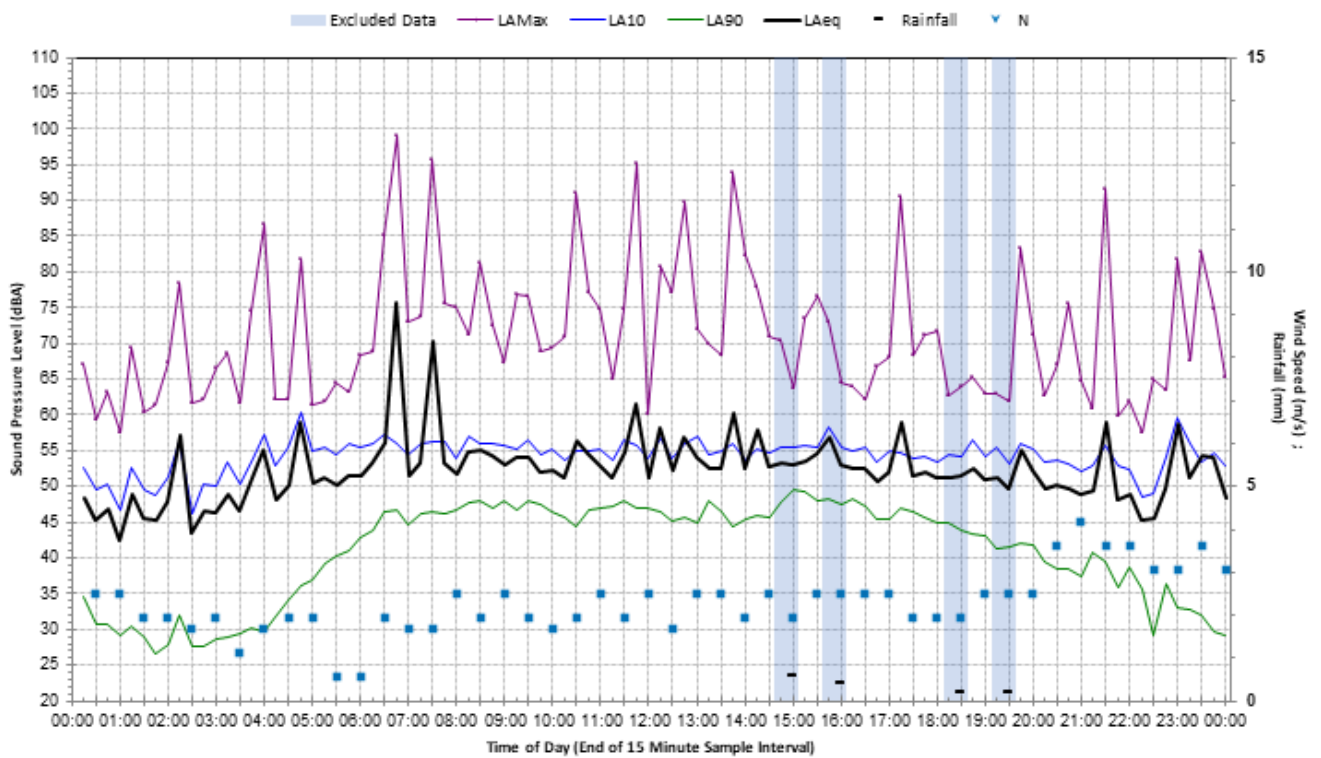
Statistical Ambient Noise Levels Saturday 4 December 2021



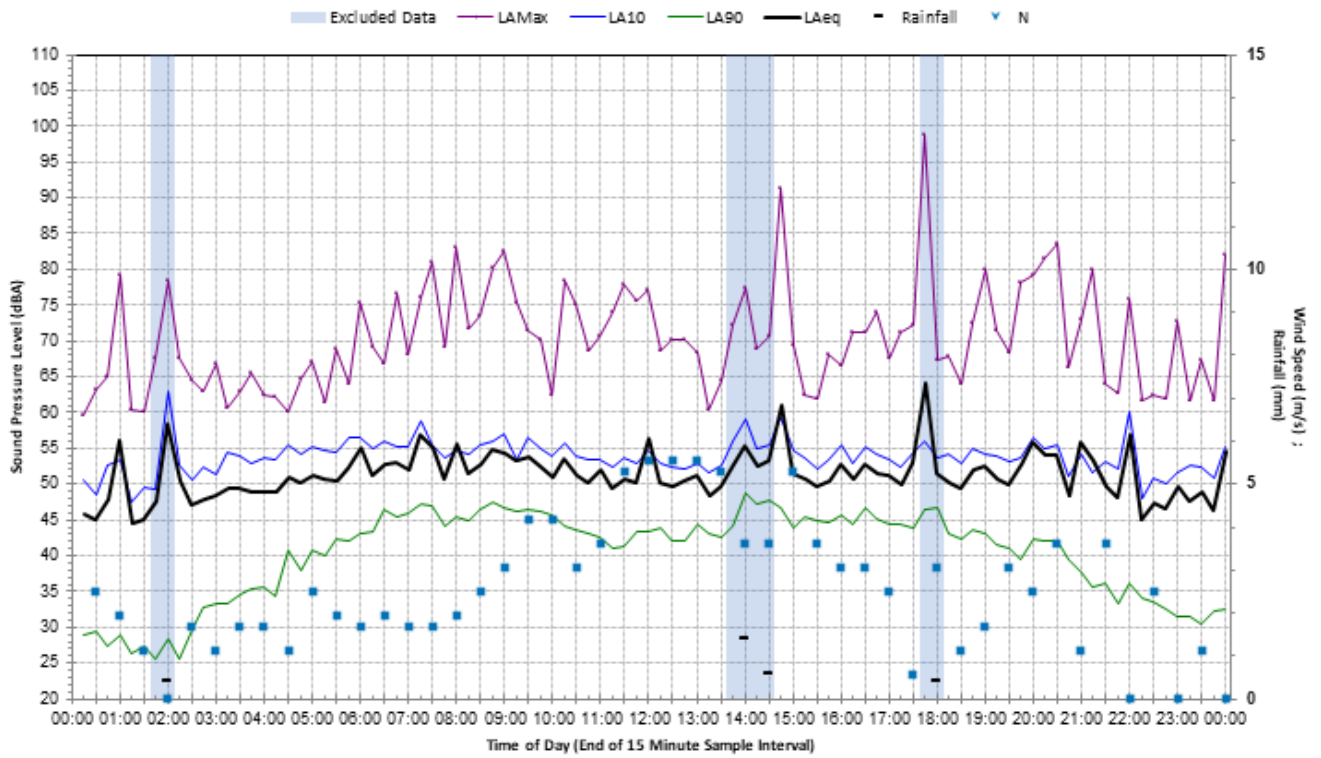
Statistical Ambient Noise Levels Sunday 5 December 2021



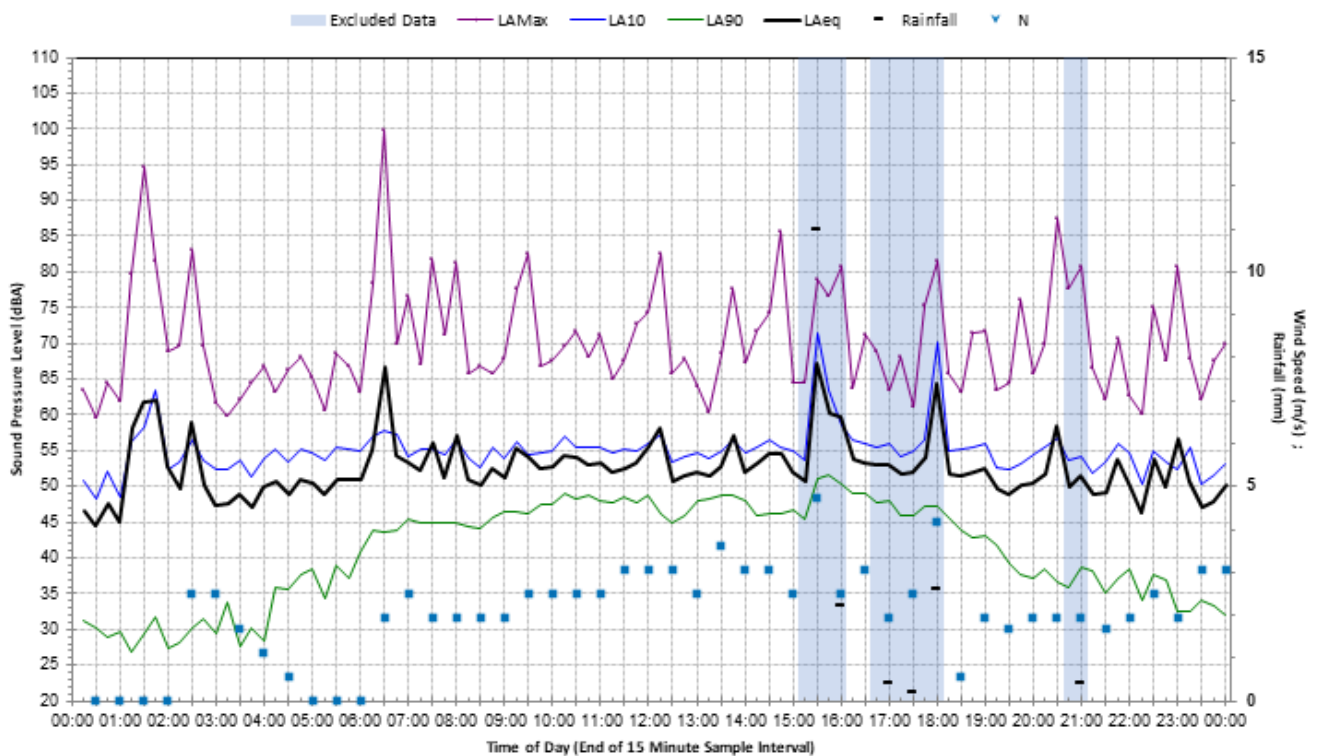
Statistical Ambient Noise Levels Monday 6 December 2021



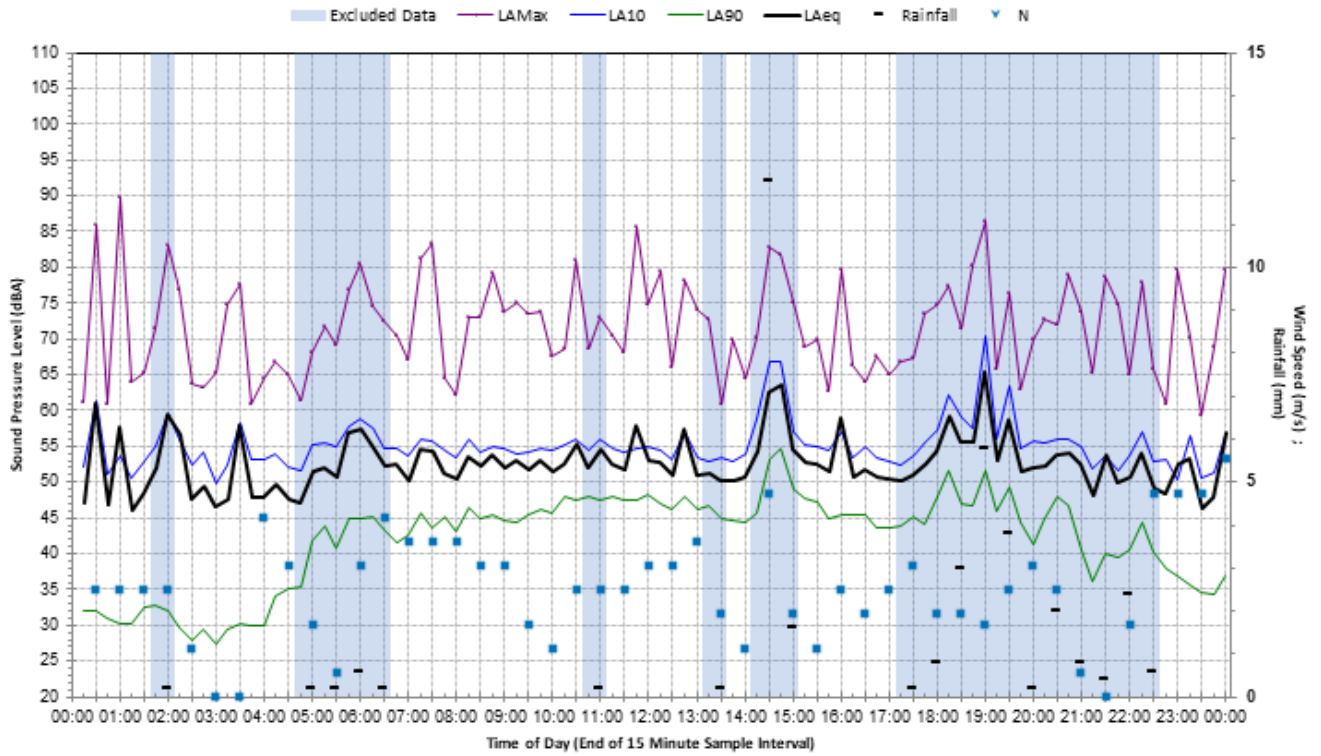
Statistical Ambient Noise Levels Tuesday 7 December 2021



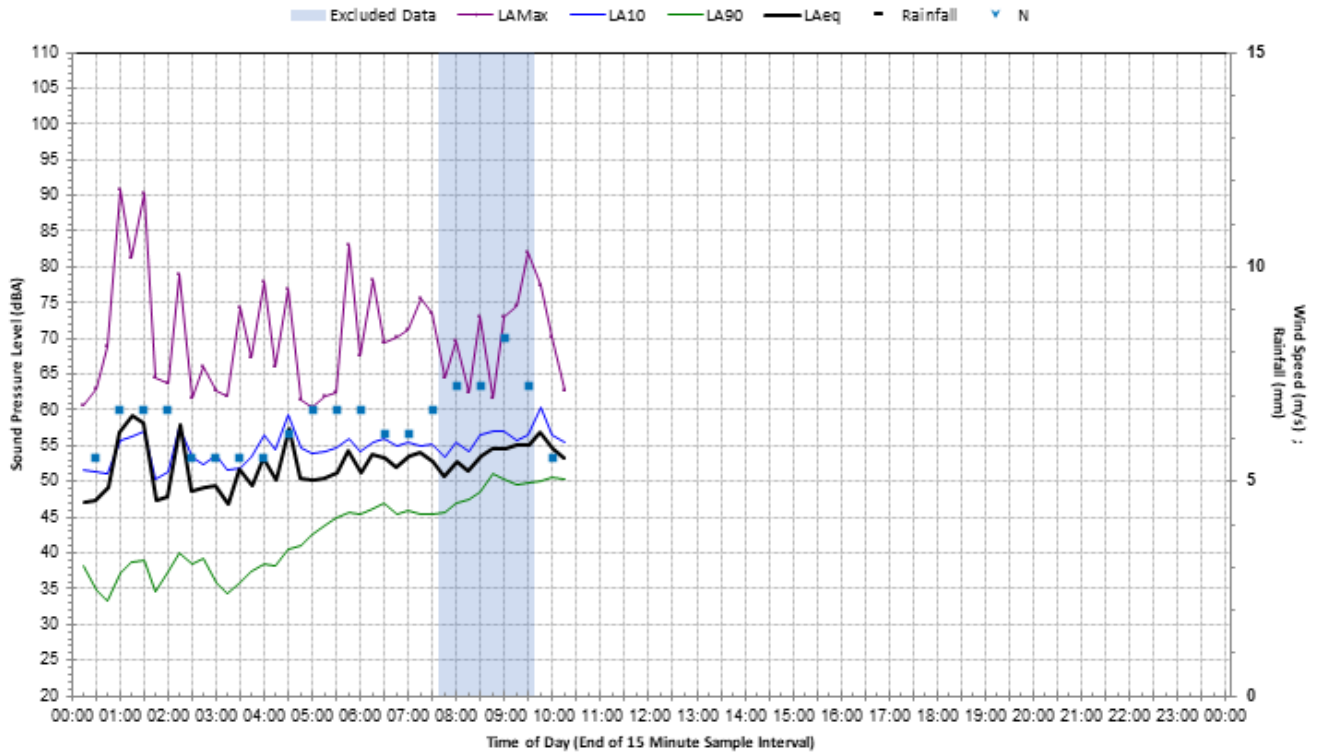
Statistical Ambient Noise Levels Wednesday 8 December 2021

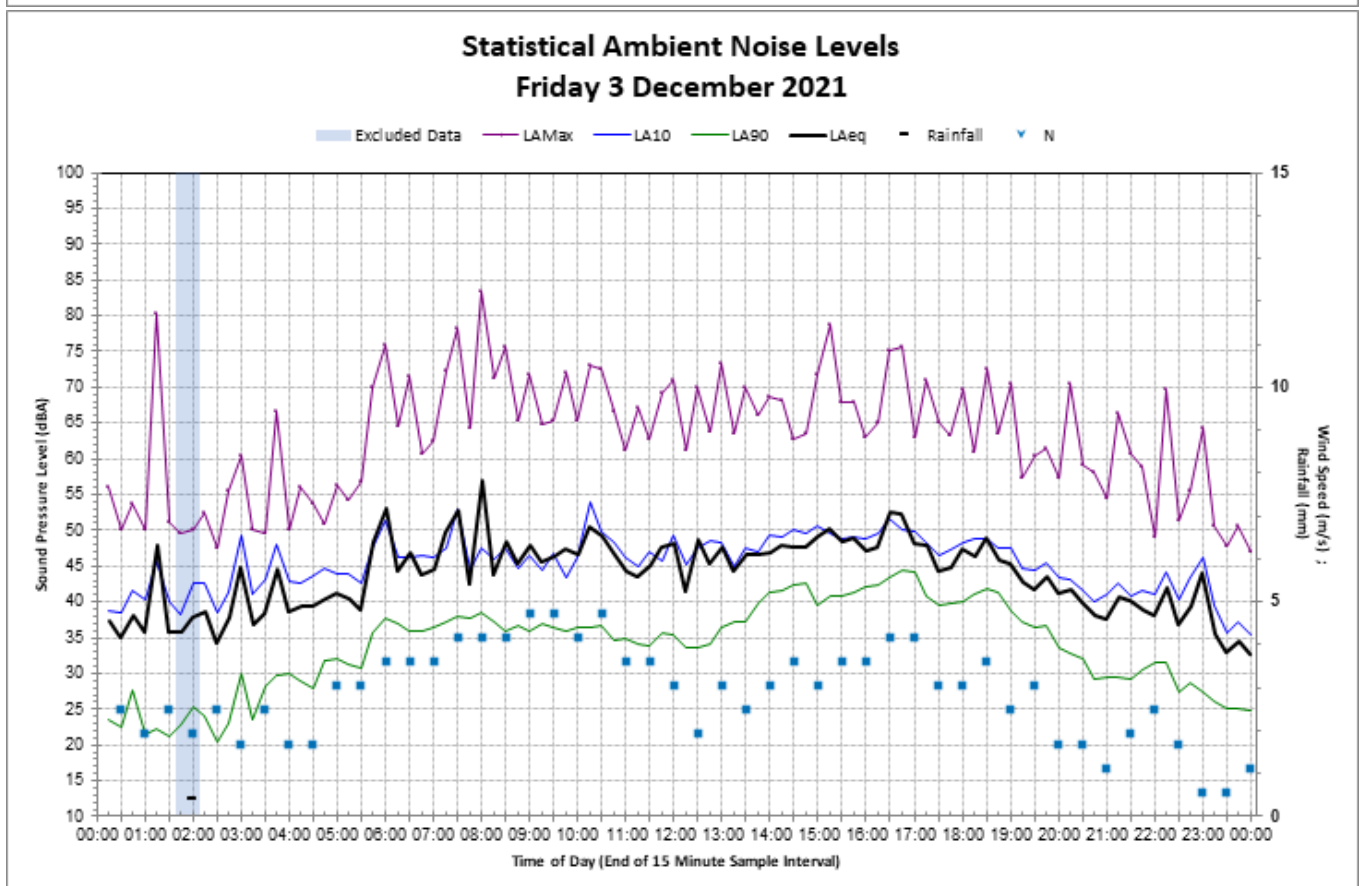
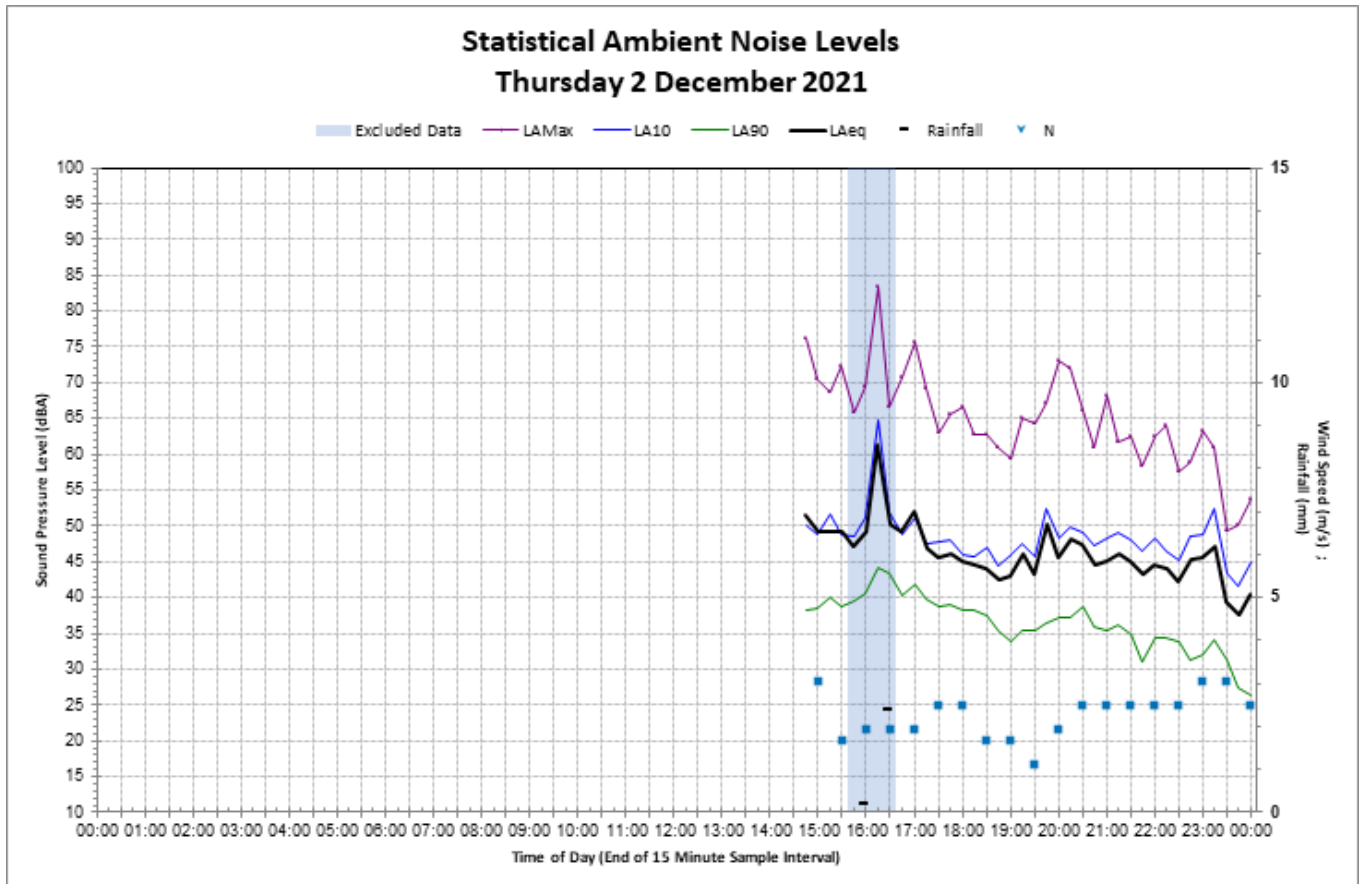


Statistical Ambient Noise Levels Thursday 9 December 2021

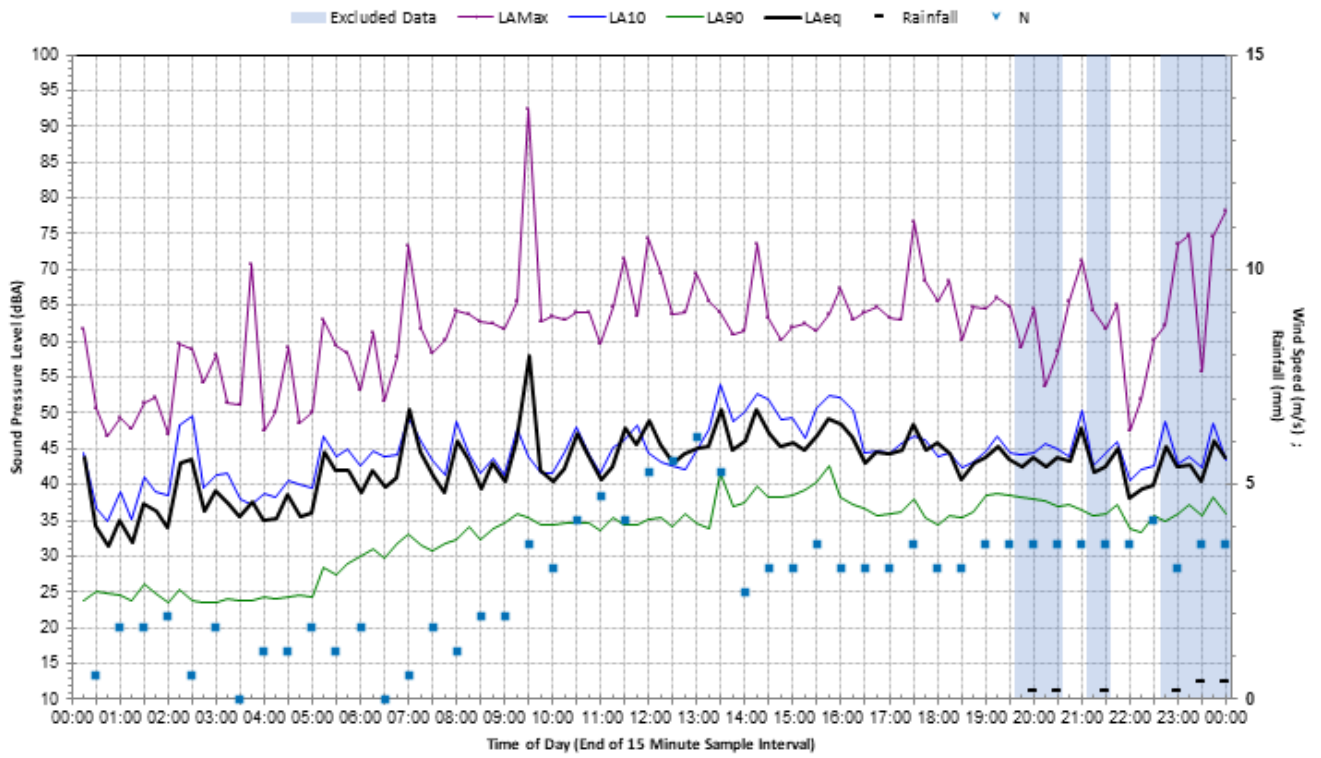


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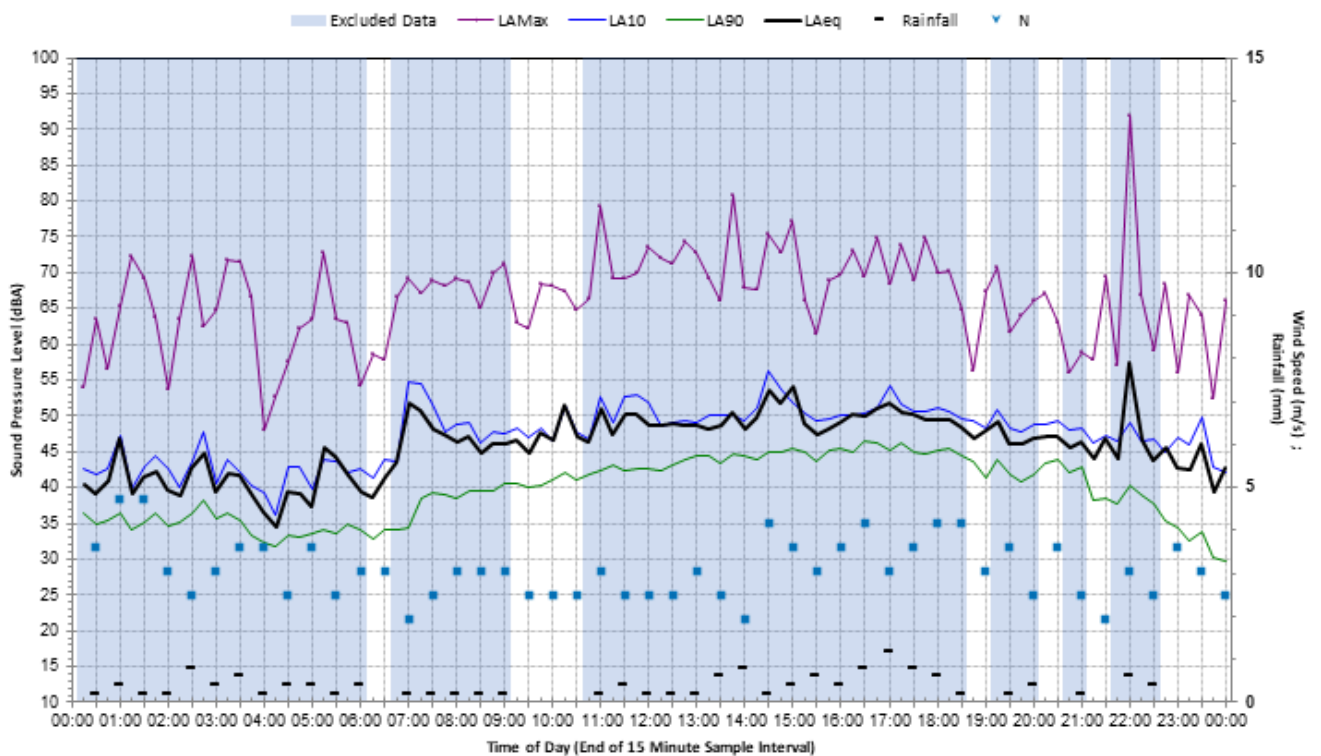




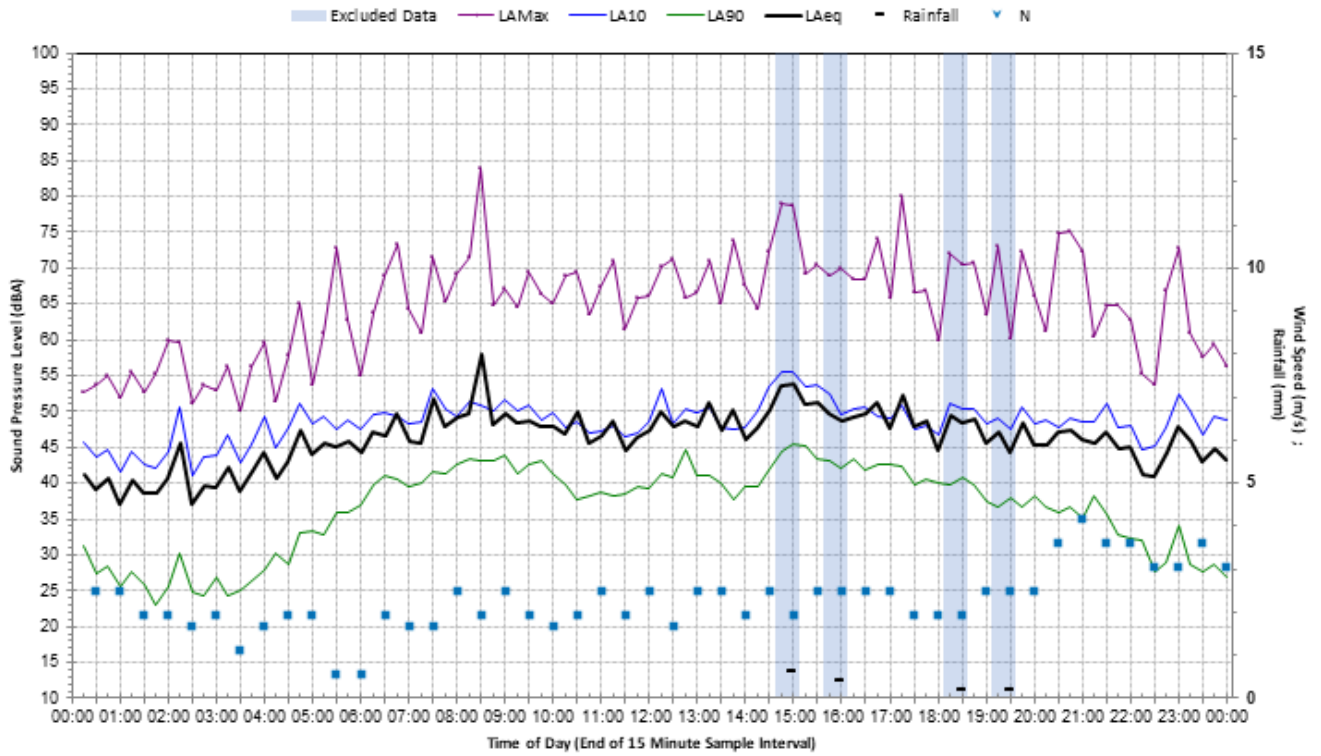
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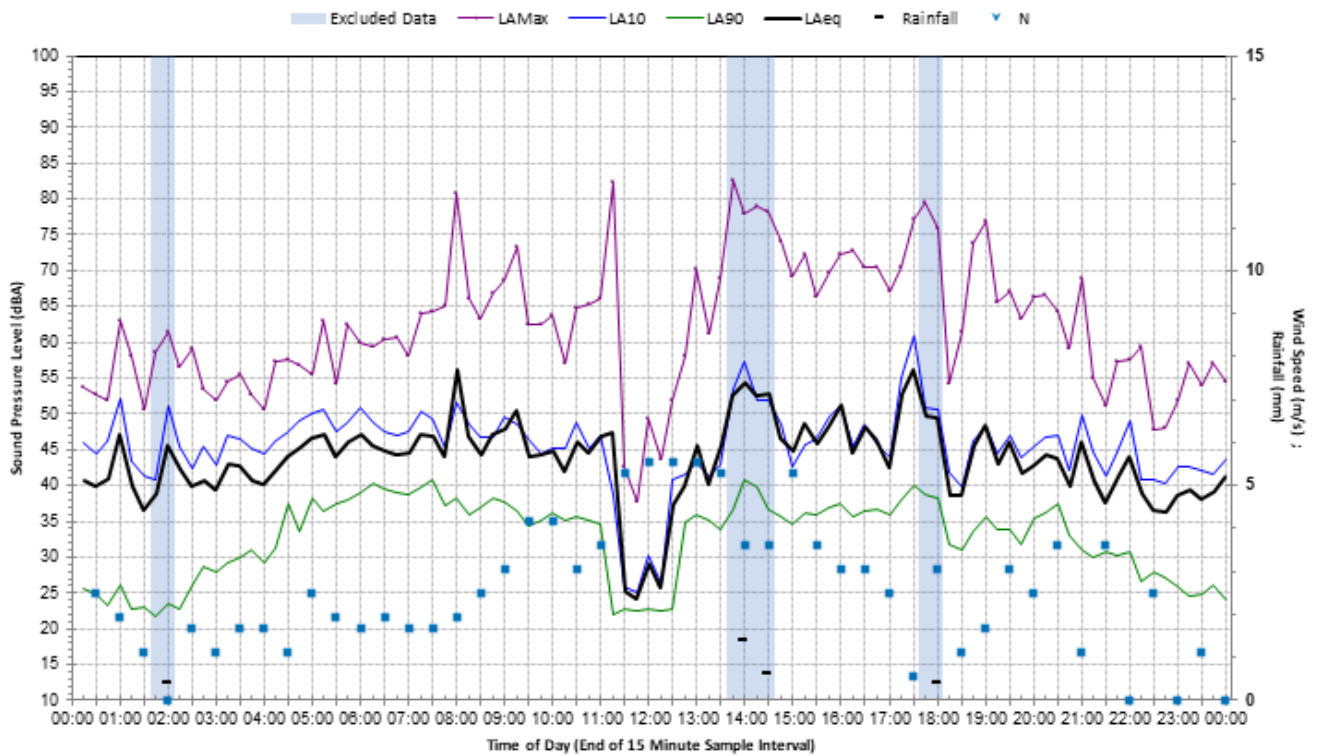
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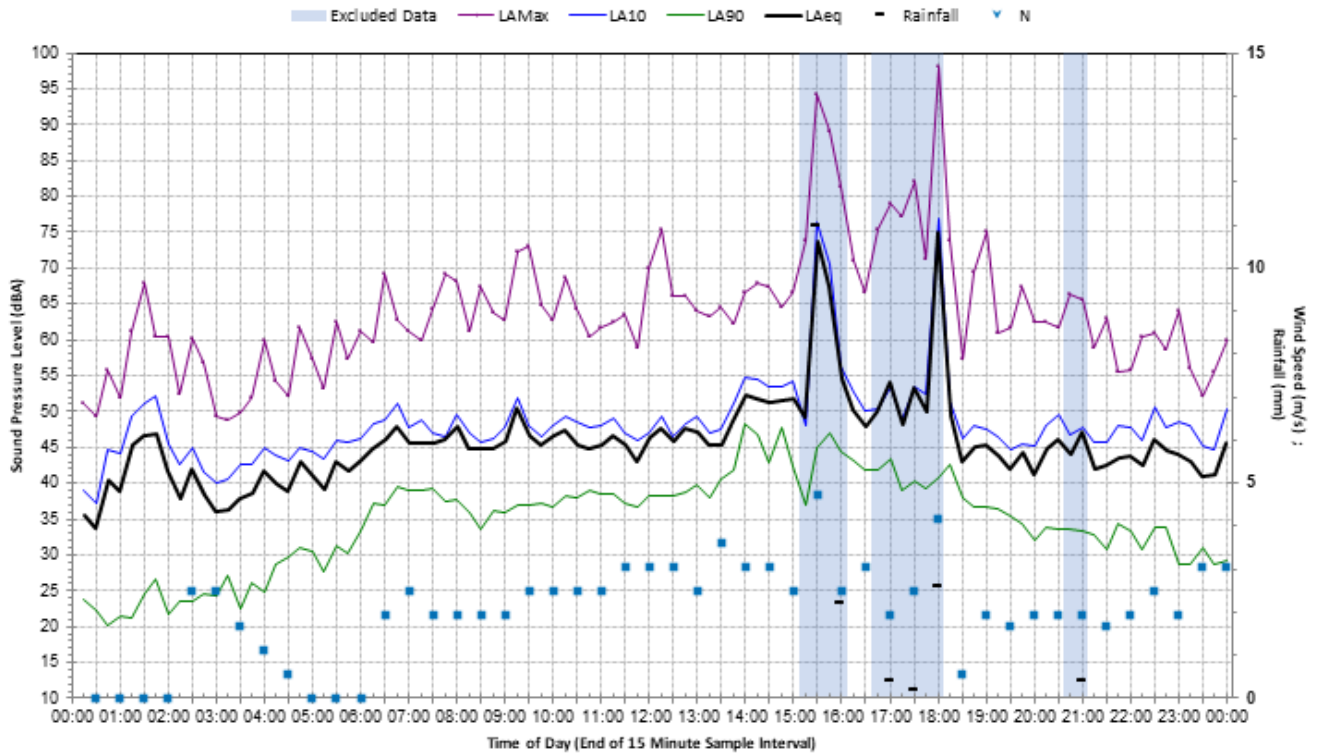
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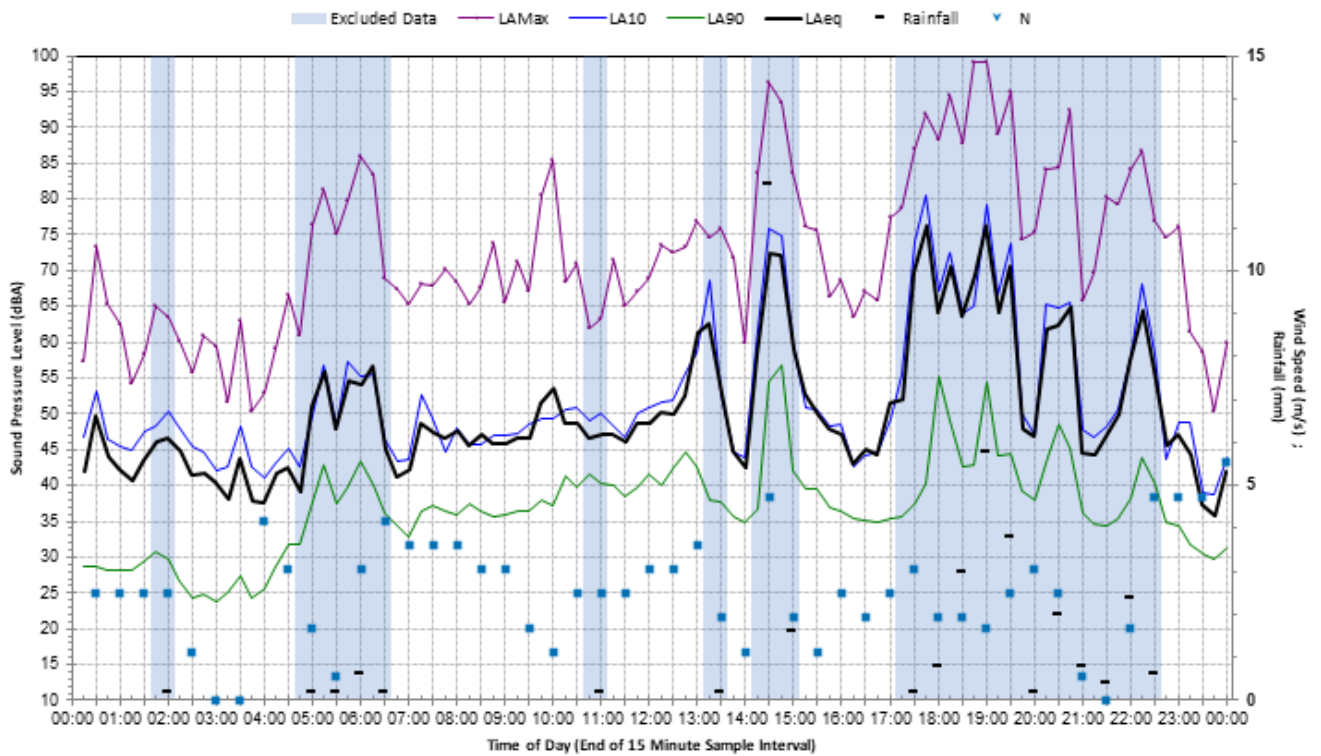
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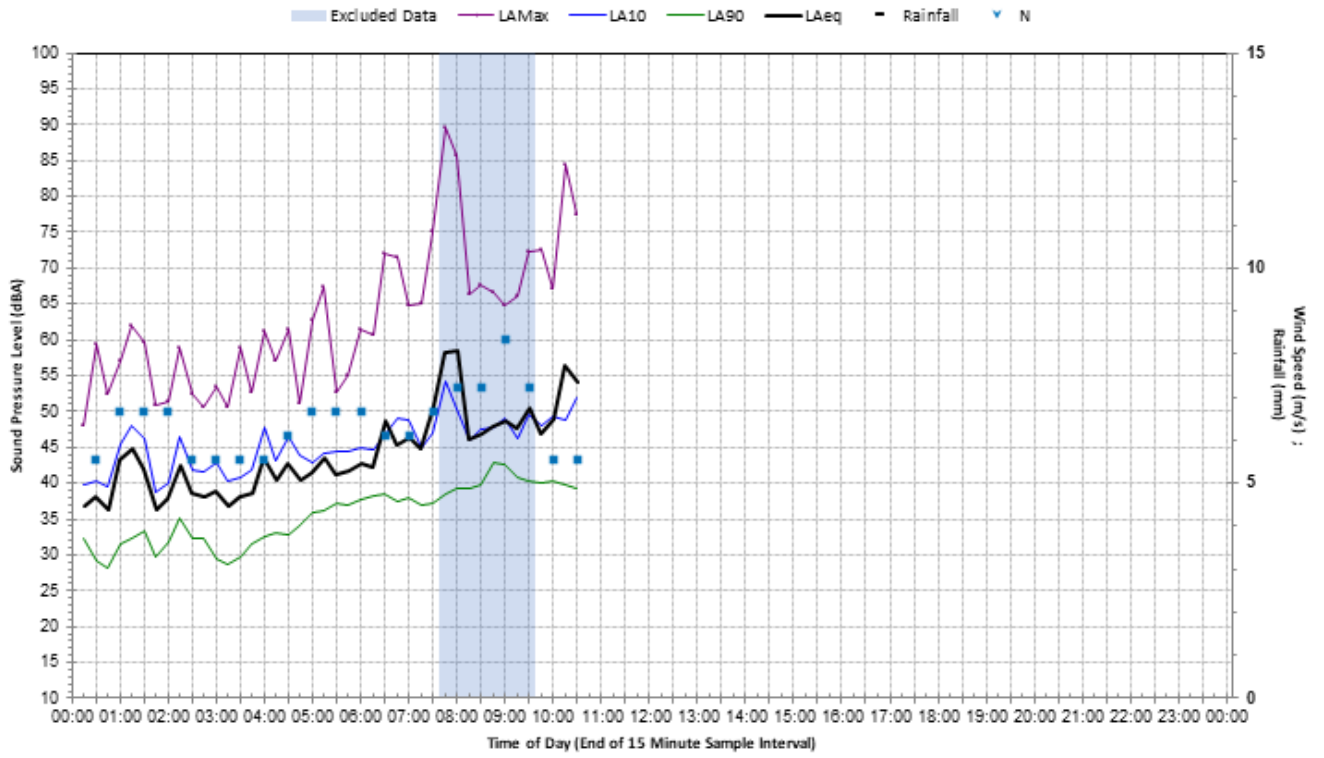
Statistical Ambient Noise Levels Wednesday 8 December 2021



Statistical Ambient Noise Levels Thursday 9 December 2021



Statistical Ambient Noise Levels Friday 10 December 2021



Appendix C

List of noise sensitive receivers

Receiver ID	Address	Receiver Type	NCA
R001	3 ABBOTT ST, BLACKHEATH	Residential	NCA01
R002	1 BELLEVUE AV, BLACKHEATH	Residential	NCA02
R003	25 BELLEVUE AV, BLACKHEATH	Residential	NCA02
R004	3 BELLEVUE AV, BLACKHEATH	Residential	NCA02
R005	4 BELLEVUE AV, BLACKHEATH	Residential	NCA02
R006	5 BELLEVUE AV, BLACKHEATH	Residential	NCA02
R007	9 BELLEVUE AV, BLACKHEATH	Residential	NCA02
R008	1 BRADLEY AV, BLACKHEATH	Residential	NCA01
R009	10 BRADLEY AV, BLACKHEATH	Residential	NCA02
R010	5 BRADLEY AV, BLACKHEATH	Residential	NCA02
R011	8 BRADLEY AV, BLACKHEATH	Residential	NCA02
R012	1-3 BRADLEY AV, BLACKHEATH	Residential	NCA01
R013	6-8 BRADLEY AV, BLACKHEATH	Residential	NCA02
R014	7-11 BRADLEY AV, BLACKHEATH	Residential	NCA02
R015	1 BUNDARRA ST, BLACKHEATH	Residential	NCA01
R016	14 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R017	16 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R018	18 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R019	2 BUNDARRA ST, BLACKHEATH	Residential	NCA01
R020	20 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R021	24 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R022	29 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R023	3 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R024	30 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R025	34 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R026	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R027	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R028	39 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R029	43 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R030	45 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R031	5 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R032	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R033	6 BUNDARRA ST, BLACKHEATH	Place of worship	NCA02
R034	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R035	7 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R037	8 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R038	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R039	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02
R040	1 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R041	10 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R042	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R043	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R044	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R045	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R046	15 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R047	16 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R048	2 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R049	20 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R050	21 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R051	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R052	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R053	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R054	23 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R055	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R056	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R057	26 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R058	27 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R059	28 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R060	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R061	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R062	3 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R063	30 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R064	31 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R065	33 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R066	35 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R067	4 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R068	7 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R069	8 CARYSFORT ST, BLACKHEATH	Residential	NCA02
R071	4 CECIL RD, BLACKHEATH	Residential	NCA02
R072	5 CECIL RD, BLACKHEATH	Residential	NCA02
R073	1-3 CECIL RD, BLACKHEATH	Residential	NCA02
R074	6-8 CECIL RD, BLACKHEATH	Residential	NCA02
R075	56 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R076	58 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R077	60 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R078	62 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R079	64 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R080	66 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R081	70 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R082	72 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R083	74 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R084	74 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R085	76 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R086	78 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R087	80 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02
R088	15 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R089	21 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R090	22 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R091	23 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R092	26 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R093	27 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R094	29 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R095	30 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R096	31 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R097	32 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R099	38 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R100	34-36 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R101	34-36 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R102	7-9 CLEOPATRA ST, BLACKHEATH	Residential	NCA02
R103	11 CLIFF LANE, BLACKHEATH	Residential	NCA02
R104	8 CLIFF LANE, BLACKHEATH	Residential	NCA02
R105	1 CLYDE AV, BLACKHEATH	Residential	NCA02
R106	10 CLYDE AV, BLACKHEATH	Residential	NCA02
R107	11 CLYDE AV, BLACKHEATH	Residential	NCA02
R108	12 CLYDE AV, BLACKHEATH	Residential	NCA02
R109	16 CLYDE AV, BLACKHEATH	Residential	NCA02
R110	2 CLYDE AV, BLACKHEATH	Residential	NCA02
R111	3 CLYDE AV, BLACKHEATH	Residential	NCA02
R112	4 CLYDE AV, BLACKHEATH	Residential	NCA02
R113	5 CLYDE AV, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R114	6 CLYDE AV, BLACKHEATH	Residential	NCA02
R115	7 CLYDE AV, BLACKHEATH	Residential	NCA02
R116	8 CLYDE AV, BLACKHEATH	Residential	NCA02
R117	23-25 CLYDE AV, BLACKHEATH	Residential	NCA02
R118	1 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R119	15 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R120	17 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R121	18 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R122	20 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R123	22 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R124	24 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R125	25 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R126	26 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R127	28 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R128	3 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R129	30 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R130	32 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R131	34 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R132	4 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R133	6 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R134	7 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R135	8 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R136	8 EVELEIGH AV, BLACKHEATH	Residential	NCA02
R137	10 GARDINER CR, BLACKHEATH	Residential	NCA02
R138	14 GARDINER CR, BLACKHEATH	Residential	NCA02
R139	2 GARDINER CR, BLACKHEATH	Residential	NCA02
R140	20 GARDINER CR, BLACKHEATH	Residential	NCA02
R141	26 GARDINER CR, BLACKHEATH	Residential	NCA02
R142	28 GARDINER CR, BLACKHEATH	Residential	NCA02
R143	3 GARDINER CR, BLACKHEATH	Residential	NCA02
R144	30 GARDINER CR, BLACKHEATH	Residential	NCA02
R145	32 GARDINER CR, BLACKHEATH	Residential	NCA02
R146	37 GARDINER CR, BLACKHEATH	Passive recreation	NCA01
R147	8 GARDINER CR, BLACKHEATH	Residential	NCA02
R148	1 GOODARE ST, BLACKHEATH	Residential	NCA02
R149	11 GOODARE ST, BLACKHEATH	Residential	NCA02
R150	12 GOODARE ST, BLACKHEATH	Residential	NCA02
R151	15 GOODARE ST, BLACKHEATH	Residential	NCA02
R152	16 GOODARE ST, BLACKHEATH	Residential	NCA02
R153	16 GOODARE ST, BLACKHEATH	Residential	NCA02
R154	20 GOODARE ST, BLACKHEATH	Residential	NCA02
R155	20 GOODARE ST, BLACKHEATH	Residential	NCA02
R156	21 GOODARE ST, BLACKHEATH	Residential	NCA02
R157	22 GOODARE ST, BLACKHEATH	Residential	NCA02
R158	25 GOODARE ST, BLACKHEATH	Residential	NCA02
R159	26 GOODARE ST, BLACKHEATH	Residential	NCA02
R160	4 GOODARE ST, BLACKHEATH	Residential	NCA02
R161	8 GOODARE ST, BLACKHEATH	Residential	NCA02
R162	17-19 GOODARE ST, BLACKHEATH	Residential	NCA02
R163	3-5 GOODARE ST, BLACKHEATH	Residential	NCA02
R164	10 GORDON AV, BLACKHEATH	Residential	NCA02
R165	14 GORDON AV, BLACKHEATH	Residential	NCA02
R166	15 GORDON AV, BLACKHEATH	Residential	NCA02
R167	16 GORDON AV, BLACKHEATH	Residential	NCA02
R168	17 GORDON AV, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R169	19 GORDON AV, BLACKHEATH	Residential	NCA02
R170	22 GORDON AV, BLACKHEATH	Residential	NCA02
R171	24 GORDON AV, BLACKHEATH	Residential	NCA02
R172	27 GORDON AV, BLACKHEATH	Residential	NCA02
R173	29 GORDON AV, BLACKHEATH	Residential	NCA02
R174	3 GORDON AV, BLACKHEATH	Residential	NCA02
R175	30 GORDON AV, BLACKHEATH	Residential	NCA02
R176	30 GORDON AV, BLACKHEATH	Residential	NCA02
R177	35 GORDON AV, BLACKHEATH	Residential	NCA02
R178	40 GORDON AV, BLACKHEATH	Residential	NCA02
R179	40 GORDON AV, BLACKHEATH	Residential	NCA02
R180	41 GORDON AV, BLACKHEATH	Residential	NCA02
R181	7 GORDON AV, BLACKHEATH	Residential	NCA02
R182	8 GORDON AV, BLACKHEATH	Residential	NCA02
R183	9 GORDON AV, BLACKHEATH	Residential	NCA02
R184	18-20 GORDON AV, BLACKHEATH	Residential	NCA02
R185	31-33 GORDON AV, BLACKHEATH	Residential	NCA02
R186	100 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R187	102 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R188	106 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R189	108 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R190	20 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01
R191	35 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02
R192	36 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02
R193	46 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02
R194	52 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02
R195	54 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02
R196	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R197	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R198	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R199	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R200	63 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R201	64 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R202	65 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R203	66 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R204	67 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R205	68 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R206	69 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R207	70 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R208	71 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R209	72 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R210	73 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R211	75 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R212	76 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R213	77 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R214	77 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R215	78 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R216	79 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R217	8 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01
R218	81 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R219	82 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R220	83 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R221	84 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R222	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R223	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R224	89 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R225	90 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R226	91 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R227	92 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R228	94 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R229	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R230	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R231	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R232	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R233	102-104 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R234	15-17 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01
R235	19-25 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01
R236	27-29 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01
R237	32-34 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01
R238	32-34 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R239	40-42 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02
R240	43-45 GOVETTS LEAP RD, BLACKHEATH	Place of worship	NCA02
R241	55-55 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R242	85-87 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02
R243	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01
R244	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01
R245	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01
R246	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01
R247	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R248	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R249	213 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R250	215 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R251	220 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R252	228 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R253	235 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R254	263 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R255	264 GREAT WESTERN HWY, BLACKHEATH	Industrial	NCA01
R256	265 GREAT WESTERN HWY, BLACKHEATH	Passive recreation	NCA01
R257	277 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R258	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R259	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R260	284 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R261	286 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R262	287 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R263	288 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R264	291 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R265	293 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R266	294 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R267	297 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R268	298 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R269	299 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R270	300 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R271	301 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R272	302 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R273	194-196 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R274	195-195 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R275	197-199 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R276	197-199 GREAT WESTERN HWY, BLACKHEATH	Active recreation	NCA01
R277	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R278	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01

Receiver ID	Address	Receiver Type	NCA
R279	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R280	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R281	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R282	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R283	240-244 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R284	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R285	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R286	289-290 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R287	295-296 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R288	10 HAT HILL RD, BLACKHEATH	Residential	NCA01
R289	11 HAT HILL RD, BLACKHEATH	Residential	NCA02
R290	12 HAT HILL RD, BLACKHEATH	Residential	NCA02
R291	14 HAT HILL RD, BLACKHEATH	Residential	NCA02
R292	16 HAT HILL RD, BLACKHEATH	Residential	NCA02
R293	18 HAT HILL RD, BLACKHEATH	Residential	NCA02
R294	19 HAT HILL RD, BLACKHEATH	Residential	NCA02
R295	21 HAT HILL RD, BLACKHEATH	Residential	NCA02
R296	21 HAT HILL RD, BLACKHEATH	Residential	NCA02
R297	22 HAT HILL RD, BLACKHEATH	Residential	NCA02
R298	24 HAT HILL RD, BLACKHEATH	Residential	NCA02
R299	26 HAT HILL RD, BLACKHEATH	Residential	NCA02
R300	27 HAT HILL RD, BLACKHEATH	Residential	NCA02
R301	27 HAT HILL RD, BLACKHEATH	Residential	NCA02
R302	28 HAT HILL RD, BLACKHEATH	Residential	NCA02
R303	3 HAT HILL RD, BLACKHEATH	Residential	NCA02
R304	30 HAT HILL RD, BLACKHEATH	Residential	NCA02
R305	31 HAT HILL RD, BLACKHEATH	Residential	NCA02
R306	32 HAT HILL RD, BLACKHEATH	Residential	NCA02
R307	34 HAT HILL RD, BLACKHEATH	Residential	NCA02
R308	36 HAT HILL RD, BLACKHEATH	Residential	NCA02
R309	38 HAT HILL RD, BLACKHEATH	Residential	NCA02
R310	39 HAT HILL RD, BLACKHEATH	Residential	NCA02
R311	40 HAT HILL RD, BLACKHEATH	Residential	NCA02
R312	42 HAT HILL RD, BLACKHEATH	Residential	NCA02
R313	44 HAT HILL RD, BLACKHEATH	Residential	NCA02
R314	45 HAT HILL RD, BLACKHEATH	Residential	NCA02
R315	45 HAT HILL RD, BLACKHEATH	Residential	NCA02
R316	48 HAT HILL RD, BLACKHEATH	Residential	NCA02
R317	49 HAT HILL RD, BLACKHEATH	Residential	NCA02
R318	50 HAT HILL RD, BLACKHEATH	Residential	NCA02
R319	52 HAT HILL RD, BLACKHEATH	Residential	NCA02
R320	52 HAT HILL RD, BLACKHEATH	Residential	NCA02
R321	53 HAT HILL RD, BLACKHEATH	Residential	NCA02
R322	54 HAT HILL RD, BLACKHEATH	Residential	NCA02
R323	55 HAT HILL RD, BLACKHEATH	Residential	NCA02
R324	55 HAT HILL RD, BLACKHEATH	Residential	NCA02
R325	56 HAT HILL RD, BLACKHEATH	Residential	NCA02
R326	58 HAT HILL RD, BLACKHEATH	Residential	NCA02
R327	60 HAT HILL RD, BLACKHEATH	Residential	NCA02
R328	62 HAT HILL RD, BLACKHEATH	Residential	NCA02
R329	66 HAT HILL RD, BLACKHEATH	Residential	NCA02
R330	66 HAT HILL RD, BLACKHEATH	Residential	NCA02
R331	68 HAT HILL RD, BLACKHEATH	Residential	NCA02
R332	9 HAT HILL RD, BLACKHEATH	Residential	NCA02
R333	2-8 HAT HILL RD, BLACKHEATH	Place of worship	NCA01

Receiver ID	Address	Receiver Type	NCA
R334	2-8 HAT HILL RD, BLACKHEATH	Residential	NCA01
R336	2 HAVILAND AV, BLACKHEATH	Residential	NCA02
R338	4 HAVILAND AV, BLACKHEATH	Residential	NCA02
R340	6 HAVILAND AV, BLACKHEATH	Residential	NCA02
R342	8 HAVILAND AV, BLACKHEATH	Residential	NCA02
R343	9 HAVILAND AV, BLACKHEATH	Residential	NCA02
R344	20 HELVETIA RD, BLACKHEATH	Residential	NCA02
R345	11-27 HELVETIA RD, BLACKHEATH	Residential	NCA02
R346	1 HYDORA LANE, BLACKHEATH	Residential	NCA02
R347	20 HYDORA LANE, BLACKHEATH	Residential	NCA01
R348	20 HYDORA LANE, BLACKHEATH	Commercial	NCA01
R349	10 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R350	12 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R351	14 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R352	15 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R353	2 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R354	21 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R355	25 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R356	27 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R357	31 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R358	35 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R359	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R360	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R361	4 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R362	40 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R363	41 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R364	42 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R365	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R366	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R367	44 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R368	46 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R369	47 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R370	48 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R371	50 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R372	51 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R373	52 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R374	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R375	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R376	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R377	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R378	16-18 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R379	38-38 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R380	9-13 INCONSTANT ST, BLACKHEATH	Residential	NCA02
R381	1 KAMILAROI ST, BLACKHEATH	Residential	NCA02
R382	5 KAMILAROI ST, BLACKHEATH	Residential	NCA02
R383	9 KAMILAROI ST, BLACKHEATH	Residential	NCA02
R384	15 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R385	17 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R386	19 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R387	21 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R388	23 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R389	25 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R390	26 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R391	3 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R392	5 KANIMBLA RD, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R393	9 KANIMBLA RD, BLACKHEATH	Residential	NCA02
R394	11 KENNEDY ST, BLACKHEATH	Residential	NCA02
R395	7 KENNEDY ST, BLACKHEATH	Residential	NCA02
R396	25 KUBYA ST, BLACKHEATH	Residential	NCA02
R397	30 KUBYA ST, BLACKHEATH	Residential	NCA02
R398	32 KUBYA ST, BLACKHEATH	Residential	NCA02
R399	5 KUBYA ST, BLACKHEATH	Residential	NCA02
R401	7 KUBYA ST, BLACKHEATH	Residential	NCA02
R402	7 KUBYA ST, BLACKHEATH	Residential	NCA02
R403	9 KUBYA ST, BLACKHEATH	Residential	NCA02
R404	1 KUNDIBAR ST, BLACKHEATH	Residential	NCA02
R405	27 KUNDIBAR ST, BLACKHEATH	Residential	NCA02
R406	3 KUNDIBAR ST, BLACKHEATH	Residential	NCA02
R407	3 KUNDIBAR ST, BLACKHEATH	Residential	NCA02
R408	7 KUNDIBAR ST, BLACKHEATH	Residential	NCA02
R409	27 LAKEVIEW AV, BLACKHEATH	Residential	NCA02
R410	1 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R411	10 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R412	14 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R413	16 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R414	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R415	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R416	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R417	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R418	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R419	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R420	26 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R421	26 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R422	28 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R423	3 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R424	30 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R425	32 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R426	38 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R427	40 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R428	42 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R429	5 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R430	7 LEICHHARDT ST, BLACKHEATH	Residential	NCA02
R431	20 MINYAGO ST, BLACKHEATH	Residential	NCA02
R432	22 MINYAGO ST, BLACKHEATH	Residential	NCA02
R433	23 MINYAGO ST, BLACKHEATH	Residential	NCA02
R434	24 MINYAGO ST, BLACKHEATH	Residential	NCA02
R435	25 MINYAGO ST, BLACKHEATH	Residential	NCA02
R436	27 MINYAGO ST, BLACKHEATH	Residential	NCA02
R437	28 MINYAGO ST, BLACKHEATH	Residential	NCA02
R438	30 MINYAGO ST, BLACKHEATH	Residential	NCA02
R439	33 MINYAGO ST, BLACKHEATH	Residential	NCA02
R440	33 MINYAGO ST, BLACKHEATH	Residential	NCA02
R441	35 MINYAGO ST, BLACKHEATH	Residential	NCA02
R442	37 MINYAGO ST, BLACKHEATH	Residential	NCA02
R443	4 MINYAGO ST, BLACKHEATH	Residential	NCA02
R444	6 MINYAGO ST, BLACKHEATH	Residential	NCA02
R445	8 MINYAGO ST, BLACKHEATH	Residential	NCA02
R446	10-12 MINYAGO ST, BLACKHEATH	Residential	NCA02
R447	1 MURRI ST, BLACKHEATH	Residential	NCA01
R449	10 MURRI ST, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R450	12 MURRI ST, BLACKHEATH	Residential	NCA02
R451	2 MURRI ST, BLACKHEATH	Residential	NCA01
R452	20 MURRI ST, BLACKHEATH	Residential	NCA02
R453	22 MURRI ST, BLACKHEATH	Residential	NCA02
R454	24 MURRI ST, BLACKHEATH	Residential	NCA02
R455	26 MURRI ST, BLACKHEATH	Residential	NCA02
R456	26 MURRI ST, BLACKHEATH	Residential	NCA02
R457	30 MURRI ST, BLACKHEATH	Residential	NCA02
R458	34 MURRI ST, BLACKHEATH	Residential	NCA02
R459	8 MURRI ST, BLACKHEATH	Residential	NCA02
R460	8 MURRI ST, BLACKHEATH	Residential	NCA02
R461	24 NIXON LANE, BLACKHEATH	Residential	NCA02
R462	1 PARK AV, BLACKHEATH	Residential	NCA02
R463	1 PARK AV, BLACKHEATH	Residential	NCA02
R464	10 PARK AV, BLACKHEATH	Residential	NCA02
R465	12 PARK AV, BLACKHEATH	Residential	NCA02
R466	14 PARK AV, BLACKHEATH	Residential	NCA02
R467	15 PARK AV, BLACKHEATH	Residential	NCA02
R468	16 PARK AV, BLACKHEATH	Residential	NCA02
R469	17 PARK AV, BLACKHEATH	Residential	NCA02
R470	2 PARK AV, BLACKHEATH	Residential	NCA02
R471	21 PARK AV, BLACKHEATH	Residential	NCA02
R472	23 PARK AV, BLACKHEATH	Residential	NCA02
R473	25 PARK AV, BLACKHEATH	Residential	NCA02
R474	27 PARK AV, BLACKHEATH	Residential	NCA02
R475	29 PARK AV, BLACKHEATH	Residential	NCA02
R476	3 PARK AV, BLACKHEATH	Residential	NCA02
R477	33 PARK AV, BLACKHEATH	Residential	NCA02
R478	35 PARK AV, BLACKHEATH	Residential	NCA02
R479	39 PARK AV, BLACKHEATH	Residential	NCA02
R480	4 PARK AV, BLACKHEATH	Residential	NCA02
R481	41 PARK AV, BLACKHEATH	Residential	NCA02
R482	5 PARK AV, BLACKHEATH	Residential	NCA02
R483	6 PARK AV, BLACKHEATH	Residential	NCA02
R484	7 PARK AV, BLACKHEATH	Residential	NCA02
R485	8 PARK AV, BLACKHEATH	Residential	NCA02
R486	9 PARK AV, BLACKHEATH	Educational institute	NCA02
R487	26-50 PARK AV, BLACKHEATH	Active recreation	NCA02
R488	9-11 PARK AV, BLACKHEATH	Educational institute	NCA02
R489	38 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R490	40 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R491	42 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R492	51 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R493	52 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R494	54 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R495	55 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R496	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R497	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R498	57 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R499	59 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R500	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R501	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R502	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R503	77 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R504	81 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R505	83 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R506	85 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R507	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R508	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R509	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R511	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02
R512	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02
R513	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02
R514	90-92 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02
R515	10 RAILWAY AV, BLACKHEATH	Residential	NCA02
R516	12 RAILWAY AV, BLACKHEATH	Residential	NCA02
R517	14 RAILWAY AV, BLACKHEATH	Residential	NCA02
R518	2 RAILWAY AV, BLACKHEATH	Residential	NCA01
R519	4 RAILWAY AV, BLACKHEATH	Residential	NCA02
R520	7 RAILWAY AV, BLACKHEATH	Residential	NCA02
R521	8 RAILWAY AV, BLACKHEATH	Residential	NCA02
R522	9 RAILWAY AV, BLACKHEATH	Residential	NCA02
R523	1 ROSEMARY LANE, BLACKHEATH	Residential	NCA02
R524	3 ROSEMARY LANE, BLACKHEATH	Residential	NCA02
R525	5 ROSEMARY LANE, BLACKHEATH	Residential	NCA02
R526	7 ROSEMARY LANE, BLACKHEATH	Residential	NCA02
R527	5 RYDER LANE, BLACKHEATH	Residential	NCA02
R528	1 RYDER ST, BLACKHEATH	Residential	NCA02
R529	11 RYDER ST, BLACKHEATH	Residential	NCA02
R530	5 RYDER ST, BLACKHEATH	Residential	NCA02
R531	5 RYDER ST, BLACKHEATH	Residential	NCA02
R532	9 RYDER ST, BLACKHEATH	Residential	NCA02
R533	10 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R534	11 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R536	14 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R537	14 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R538	17 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R539	18 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R540	19 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R541	24 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R542	26 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R543	26 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R544	3 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R545	30 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R546	32 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R547	34 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R548	36 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R549	38 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R550	4 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R551	42 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R552	44 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R553	6 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R554	8 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R555	27-29 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R556	46-48 SHIPLEY RD, BLACKHEATH	Residential	NCA02
R557	104 STATION ST, BLACKHEATH	Residential	NCA01
R558	107 STATION ST, BLACKHEATH	Residential	NCA01
R559	107 STATION ST, BLACKHEATH	Residential	NCA01
R560	111 STATION ST, BLACKHEATH	Residential	NCA01
R561	112 STATION ST, BLACKHEATH	Residential	NCA01

Receiver ID	Address	Receiver Type	NCA
R562	114 STATION ST, BLACKHEATH	Residential	NCA01
R563	114 STATION ST, BLACKHEATH	Residential	NCA01
R564	117 STATION ST, BLACKHEATH	Residential	NCA01
R565	118 STATION ST, BLACKHEATH	Residential	NCA01
R566	120 STATION ST, BLACKHEATH	Residential	NCA01
R567	123 STATION ST, BLACKHEATH	Commercial	NCA01
R568	124 STATION ST, BLACKHEATH	Commercial	NCA01
R569	124 STATION ST, BLACKHEATH	Commercial	NCA01
R570	133 STATION ST, BLACKHEATH	Commercial	NCA01
R571	134 STATION ST, BLACKHEATH	Commercial	NCA01
R572	138 STATION ST, BLACKHEATH	Commercial	NCA02
R573	139 STATION ST, BLACKHEATH	Residential	NCA02
R574	140 STATION ST, BLACKHEATH	Commercial	NCA02
R575	146 STATION ST, BLACKHEATH	Residential	NCA01
R576	147 STATION ST, BLACKHEATH	Residential	NCA01
R577	148 STATION ST, BLACKHEATH	Residential	NCA01
R578	149 STATION ST, BLACKHEATH	Residential	NCA01
R579	150 STATION ST, BLACKHEATH	Residential	NCA02
R580	151 STATION ST, BLACKHEATH	Residential	NCA01
R581	153 STATION ST, BLACKHEATH	Residential	NCA01
R582	154 STATION ST, BLACKHEATH	Residential	NCA01
R583	155 STATION ST, BLACKHEATH	Residential	NCA01
R584	156 STATION ST, BLACKHEATH	Residential	NCA01
R585	157 STATION ST, BLACKHEATH	Residential	NCA01
R586	158 STATION ST, BLACKHEATH	Residential	NCA01
R587	160 STATION ST, BLACKHEATH	Residential	NCA01
R588	161 STATION ST, BLACKHEATH	Residential	NCA01
R589	162 STATION ST, BLACKHEATH	Residential	NCA01
R590	163 STATION ST, BLACKHEATH	Residential	NCA01
R591	164 STATION ST, BLACKHEATH	Residential	NCA01
R592	165 STATION ST, BLACKHEATH	Residential	NCA01
R593	165 STATION ST, BLACKHEATH	Residential	NCA01
R595	170 STATION ST, BLACKHEATH	Residential	NCA01
R596	171 STATION ST, BLACKHEATH	Residential	NCA01
R597	172 STATION ST, BLACKHEATH	Residential	NCA01
R598	173 STATION ST, BLACKHEATH	Residential	NCA02
R599	174 STATION ST, BLACKHEATH	Residential	NCA01
R600	174 STATION ST, BLACKHEATH	Residential	NCA01
R602	95 STATION ST, BLACKHEATH	Residential	NCA02
R603	96 STATION ST, BLACKHEATH	Residential	NCA02
R604	97 STATION ST, BLACKHEATH	Residential	NCA02
R605	98 STATION ST, BLACKHEATH	Residential	NCA02
R606	99 STATION ST, BLACKHEATH	Residential	NCA02
R607	115-116 STATION ST, BLACKHEATH	Residential	NCA01
R608	125-130 STATION ST, BLACKHEATH	Commercial	NCA01
R609	132-133 STATION ST, BLACKHEATH	Residential	NCA01
R610	11 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R611	13 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R612	17 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R613	19 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R614	23 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R615	29 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R617	3 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R618	31 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R619	5 STAVELEY PDE, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R620	9 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R621	15-15 STAVELEY PDE, BLACKHEATH	Residential	NCA02
R622	1 STURT ST, BLACKHEATH	Residential	NCA02
R623	9 STURT ST, BLACKHEATH	Residential	NCA02
R624	5-7 STURT ST, BLACKHEATH	Residential	NCA02
R625	15 THIRROUL AV, BLACKHEATH	Residential	NCA02
R626	21 THIRROUL AV, BLACKHEATH	Residential	NCA02
R627	21 THIRROUL AV, BLACKHEATH	Residential	NCA02
R628	32 THIRROUL AV, BLACKHEATH	Residential	NCA02
R629	5 THIRROUL AV, BLACKHEATH	Residential	NCA01
R630	5 THIRROUL AV, BLACKHEATH	Residential	NCA01
R631	57 THIRROUL AV, BLACKHEATH	Residential	NCA02
R632	63 THIRROUL AV, BLACKHEATH	Residential	NCA02
R633	19-19 THIRROUL AV, BLACKHEATH	Residential	NCA02
R634	40-50 THIRROUL AV, BLACKHEATH	Residential	NCA02
R635	65-67 THIRROUL AV, BLACKHEATH	Residential	NCA02
R636	1 WARAGIL ST, BLACKHEATH	Residential	NCA02
R637	10 WARAGIL ST, BLACKHEATH	Residential	NCA02
R638	11 WARAGIL ST, BLACKHEATH	Residential	NCA02
R639	12 WARAGIL ST, BLACKHEATH	Residential	NCA02
R640	15 WARAGIL ST, BLACKHEATH	Residential	NCA02
R641	16 WARAGIL ST, BLACKHEATH	Residential	NCA02
R642	17 WARAGIL ST, BLACKHEATH	Residential	NCA02
R643	19 WARAGIL ST, BLACKHEATH	Residential	NCA02
R644	19 WARAGIL ST, BLACKHEATH	Residential	NCA02
R645	2 WARAGIL ST, BLACKHEATH	Residential	NCA02
R646	22 WARAGIL ST, BLACKHEATH	Residential	NCA02
R647	22 WARAGIL ST, BLACKHEATH	Residential	NCA02
R648	23 WARAGIL ST, BLACKHEATH	Residential	NCA02
R649	24 WARAGIL ST, BLACKHEATH	Residential	NCA02
R650	36 WARAGIL ST, BLACKHEATH	Residential	NCA02
R651	37 WARAGIL ST, BLACKHEATH	Residential	NCA02
R652	39 WARAGIL ST, BLACKHEATH	Residential	NCA02
R653	42 WARAGIL ST, BLACKHEATH	Residential	NCA02
R654	42 WARAGIL ST, BLACKHEATH	Residential	NCA02
R655	45 WARAGIL ST, BLACKHEATH	Residential	NCA02
R656	49 WARAGIL ST, BLACKHEATH	Residential	NCA02
R657	5 WARAGIL ST, BLACKHEATH	Residential	NCA02
R658	51 WARAGIL ST, BLACKHEATH	Residential	NCA02
R659	52 WARAGIL ST, BLACKHEATH	Residential	NCA02
R660	53 WARAGIL ST, BLACKHEATH	Residential	NCA02
R661	54 WARAGIL ST, BLACKHEATH	Residential	NCA02
R662	55 WARAGIL ST, BLACKHEATH	Residential	NCA02
R663	56 WARAGIL ST, BLACKHEATH	Residential	NCA02
R664	57 WARAGIL ST, BLACKHEATH	Residential	NCA02
R665	58 WARAGIL ST, BLACKHEATH	Residential	NCA02
R666	60 WARAGIL ST, BLACKHEATH	Residential	NCA02
R667	61 WARAGIL ST, BLACKHEATH	Residential	NCA02
R668	62 WARAGIL ST, BLACKHEATH	Residential	NCA02
R669	65 WARAGIL ST, BLACKHEATH	Residential	NCA02
R670	67 WARAGIL ST, BLACKHEATH	Residential	NCA02
R671	69 WARAGIL ST, BLACKHEATH	Residential	NCA02
R672	7 WARAGIL ST, BLACKHEATH	Residential	NCA02
R673	71 WARAGIL ST, BLACKHEATH	Residential	NCA02
R674	73 WARAGIL ST, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R675	9 WARAGIL ST, BLACKHEATH	Residential	NCA02
R676	31-33 WARAGIL ST, BLACKHEATH	Residential	NCA02
R677	38-40 WARAGIL ST, BLACKHEATH	Residential	NCA02
R678	4-6 WARAGIL ST, BLACKHEATH	Residential	NCA02
R679	63-65 WARAGIL ST, BLACKHEATH	Residential	NCA02
R680	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R681	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R682	102 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R683	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R684	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R685	104 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R686	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02
R687	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02
R688	106 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R689	108 WENTWORTH ST, BLACKHEATH	Commercial	NCA01
R690	111 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R691	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R692	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R693	118 WENTWORTH ST, BLACKHEATH	Commercial	NCA01
R694	121 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R695	122 WENTWORTH ST, BLACKHEATH	Commercial	NCA01
R696	124 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R697	126 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R698	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R699	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R700	128 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R701	129 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R702	130 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R703	131 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R704	132 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R705	133 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R706	134 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R707	135 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R708	137 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R709	140 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R710	142 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R711	144 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R712	152 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R713	154 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R714	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R715	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R716	157 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R717	159 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R718	160 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R719	162 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R720	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R721	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R722	164 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R723	165 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02
R724	165 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R725	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R726	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R727	168 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R728	170 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R729	172 WENTWORTH ST, BLACKHEATH	Residential	NCA01

Receiver ID	Address	Receiver Type	NCA
R730	174 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R731	175 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R732	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R733	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R734	178 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R735	179 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R736	182 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R737	183 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R738	184 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R739	185 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R740	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R741	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R742	187 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R743	189 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R744	191 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R745	193 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R746	194 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R747	198 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R748	200 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R749	69 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R750	70 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R751	72 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R752	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R753	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R754	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R755	76 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R756	77 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R757	79 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R758	81 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R759	83 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R760	87 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R761	91 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R762	95 WENTWORTH ST, BLACKHEATH	Educational institute	NCA02
R763	97 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R764	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R765	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R766	99 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R767	123-125 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02
R768	136-138 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R769	141-151 WENTWORTH ST, BLACKHEATH	Residential	NCA02
R770	188-192 WENTWORTH ST, BLACKHEATH	Residential	NCA01
R771	22 WILLS LANE, BLACKHEATH	Residential	NCA02
R772	26 WILLS LANE, BLACKHEATH	Residential	NCA02
R773	16 WILLS ST, BLACKHEATH	Residential	NCA02
R774	22 WILLS ST, BLACKHEATH	Residential	NCA02
R775	10-10 WILLS ST, BLACKHEATH	Residential	NCA02
R776	6-10 WILLS ST, BLACKHEATH	Residential	NCA02
R778	1 WOMBAT ST, BLACKHEATH	Residential	NCA01
R779	10 WOMBAT ST, BLACKHEATH	Residential	NCA02
R780	11 WOMBAT ST, BLACKHEATH	Residential	NCA02
R781	12 WOMBAT ST, BLACKHEATH	Residential	NCA02
R782	16 WOMBAT ST, BLACKHEATH	Residential	NCA02
R783	16 WOMBAT ST, BLACKHEATH	Residential	NCA02
R784	17 WOMBAT ST, BLACKHEATH	Residential	NCA02
R785	19 WOMBAT ST, BLACKHEATH	Residential	NCA02

Receiver ID	Address	Receiver Type	NCA
R786	2 WOMBAT ST, BLACKHEATH	Residential	NCA01
R787	20 WOMBAT ST, BLACKHEATH	Residential	NCA02
R788	21 WOMBAT ST, BLACKHEATH	Residential	NCA02
R789	22 WOMBAT ST, BLACKHEATH	Residential	NCA02
R790	25 WOMBAT ST, BLACKHEATH	Residential	NCA02
R791	27 WOMBAT ST, BLACKHEATH	Residential	NCA02
R792	29 WOMBAT ST, BLACKHEATH	Residential	NCA02
R793	3 WOMBAT ST, BLACKHEATH	Residential	NCA02
R794	31 WOMBAT ST, BLACKHEATH	Residential	NCA02
R795	34 WOMBAT ST, BLACKHEATH	Residential	NCA02
R796	35 WOMBAT ST, BLACKHEATH	Residential	NCA02
R797	4 WOMBAT ST, BLACKHEATH	Residential	NCA01
R798	5 WOMBAT ST, BLACKHEATH	Residential	NCA02
R799	5 WOMBAT ST, BLACKHEATH	Residential	NCA02
R801	6 WOMBAT ST, BLACKHEATH	Residential	NCA02
R802	8 WOMBAT ST, BLACKHEATH	Residential	NCA02
R803	9 WOMBAT ST, BLACKHEATH	Residential	NCA02
R804	9 WOMBAT ST, BLACKHEATH	Residential	NCA02
R805	9 WOMBAT ST, BLACKHEATH	Residential	NCA02
R806	26-26 WOMBAT ST, BLACKHEATH	Residential	NCA02
R807	6-8 YOUNG LANE, BLACKHEATH	Residential	NCA02
R808	28A BUNDARRA ST, BLACKHEATH	Residential	NCA02
R809	2A BUNDARRA ST, BLACKHEATH	Residential	NCA01
R810	11A CARYSFORT ST, BLACKHEATH	Residential	NCA02
R811	20A EVELEIGH AV, BLACKHEATH	Residential	NCA02
R812	3A EVELEIGH AV, BLACKHEATH	Residential	NCA02
R813	8A GOODARE ST, BLACKHEATH	Residential	NCA02
R814	23A GORDON AV, BLACKHEATH	Residential	NCA02
R815	4A GORDON AV, BLACKHEATH	Residential	NCA02
R816	5A GORDON AV, BLACKHEATH	Residential	NCA02
R817	211A GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01
R818	12A HAT HILL RD, BLACKHEATH	Residential	NCA02
R819	36A HAT HILL RD, BLACKHEATH	Residential	NCA02
R820	37A HAT HILL RD, BLACKHEATH	Residential	NCA02
R821	37A HAT HILL RD, BLACKHEATH	Residential	NCA02
R822	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02
R823	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02
R825	139A STATION ST, BLACKHEATH	Residential	NCA02
R826	141A STATION ST, BLACKHEATH	Residential	NCA01
R827	27A STAVELEY PDE, BLACKHEATH	Residential	NCA02
R828	14A WARAGIL ST, BLACKHEATH	Residential	NCA02
R829	198A WENTWORTH ST, BLACKHEATH	Residential	NCA01
R830	23A WOMBAT ST, BLACKHEATH	Residential	NCA02
R831	9A WOMBAT ST, BLACKHEATH	Residential	NCA02
R832	22B GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01
R833	211B GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01
R834	3B HAVILAND AV, BLACKHEATH	Residential	NCA02
R835	6B INCONSTANT ST, BLACKHEATH	Residential	NCA02
R836	8B INCONSTANT ST, BLACKHEATH	Residential	NCA02
R837	60B THIRROUL AV, BLACKHEATH	Educational institute	NCA02
R838	1B WOMBAT ST, BLACKHEATH	Residential	NCA02

Appendix D

Predicted construction noise levels

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12	Additional management measures
			Residential:	Noticeable / Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	
			Non-residential:	Exceeds noise management level												
R001	3 ABBOTT ST, BLACKHEATH	Residential	NCA01	44	48	44	27	40	40	45	44	45	45	33	41	-
R002	1 BELLEVUE AV, BLACKHEATH	Residential	NCA02	45	49	46	29	40	48	46	43	46	47	33	43	-
R003	25 BELLEVUE AV, BLACKHEATH	Residential	NCA02	41	45	41	24	36	37	42	39	42	43	33	38	-
R004	3 BELLEVUE AV, BLACKHEATH	Residential	NCA02	45	49	46	29	43	48	46	45	48	49	36	47	-
R005	4 BELLEVUE AV, BLACKHEATH	Residential	NCA02	41	43	43	26	41	43	49	43	46	48	37	40	-
R006	5 BELLEVUE AV, BLACKHEATH	Residential	NCA02	53	57	52	36	48	48	51	51	54	55	41	48	N, V
R007	9 BELLEVUE AV, BLACKHEATH	Residential	NCA02	46	51	47	30	44	46	48	47	49	50	36	46	-
R008	1 BRADLEY AV, BLACKHEATH	Residential	NCA01	55	59	56	39	64	50	62	53	56	56	57	50	-
R009	10 BRADLEY AV, BLACKHEATH	Residential	NCA02	48	51	49	32	54	46	54	46	49	51	46	45	-
R010	5 BRADLEY AV, BLACKHEATH	Residential	NCA02	56	60	58	41	62	51	61	54	57	59	55	50	N, V
R011	8 BRADLEY AV, BLACKHEATH	Residential	NCA02	49	51	48	32	58	47	57	47	50	52	50	46	N, V
R012	1-3 BRADLEY AV, BLACKHEATH	Residential	NCA01	59	63	59	42	67	55	67	57	60	61	59	53	N, V
R013	6-8 BRADLEY AV, BLACKHEATH	Residential	NCA02	55	58	52	38	59	44	56	53	56	53	51	47	N, V
R014	7-11 BRADLEY AV, BLACKHEATH	Residential	NCA02	49	53	49	32	54	46	59	48	51	52	49	45	N, V
R015	1 BUNDARRA ST, BLACKHEATH	Residential	NCA01	48	52	49	32	46	47	50	48	51	51	38	49	-
R016	14 BUNDARRA ST, BLACKHEATH	Residential	NCA02	46	49	47	30	45	43	47	45	48	48	36	46	-
R017	16 BUNDARRA ST, BLACKHEATH	Residential	NCA02	36	39	35	19	33	33	35	34	37	38	25	33	-
R018	18 BUNDARRA ST, BLACKHEATH	Residential	NCA02	38	42	38	21	37	35	39	37	40	40	29	35	-
R019	2 BUNDARRA ST, BLACKHEATH	Residential	NCA01	52	56	49	35	45	48	51	52	55	52	39	53	-
R020	20 BUNDARRA ST, BLACKHEATH	Residential	NCA02	37	42	37	20	39	35	39	37	39	40	31	35	-
R021	24 BUNDARRA ST, BLACKHEATH	Residential	NCA02	35	40	35	18	34	33	44	35	38	38	32	33	-
R022	29 BUNDARRA ST, BLACKHEATH	Residential	NCA02	37	41	37	20	41	35	48	37	40	40	36	35	-
R023	3 BUNDARRA ST, BLACKHEATH	Residential	NCA02	49	53	50	33	49	48	53	48	51	53	41	48	-
R024	30 BUNDARRA ST, BLACKHEATH	Residential	NCA02	34	39	35	18	35	33	40	36	38	38	28	34	-
R025	34 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	35	32	14	34	29	36	30	33	34	26	29	-
R026	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	34	31	14	29	28	34	30	33	32	22	28	-
R027	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	34	31	14	30	28	35	31	34	33	23	29	-
R028	39 BUNDARRA ST, BLACKHEATH	Residential	NCA02	39	43	41	24	39	38	44	38	41	43	32	37	-
R029	43 BUNDARRA ST, BLACKHEATH	Residential	NCA02	43	45	46	29	43	42	47	43	46	47	35	38	-
R030	45 BUNDARRA ST, BLACKHEATH	Residential	NCA02	42	43	43	26	40	40	44	40	43	45	32	37	-
R031	5 BUNDARRA ST, BLACKHEATH	Residential	NCA02	50	54	52	35	48	49	53	49	52	54	41	46	-
R032	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	49	45	28	42	42	46	44	47	47	34	43	-
R033	6 BUNDARRA ST, BLACKHEATH	Place of worship	NCA02	44	49	44	27	41	41	45	44	47	46	33	42	-
R034	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	49	46	29	43	41	46	44	47	47	35	43	-
R035	7 BUNDARRA ST, BLACKHEATH	Residential	NCA02	47	51	48	31	44	46	49	47	50	51	37	47	-
R037	8 BUNDARRA ST, BLACKHEATH	Residential	NCA02	44	48	43	27	40	41	46	42	45	46	34	39	-
R038	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	50	46	29	39	44	47	44	47	49	35	44	-
R039	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02	49	54	49	32	44	47	50	49	52	52	38	47	-
R040	1 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	43	26	38	39	46	42	44	44	34	39	-
R041	10 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	39	22	37	35	41	39	41	40	29	35	-
R042	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02	38	42	38	21	34	34	39	37	39	39	27	35	-
R043	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02	30	34	30	13	28	26	32	29	31	31	21	26	-
R044	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02	42	46	40	25	38	38	43	41	44	42	31	39	-
R045	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	39	22	37	37	40	39	42	42	29	37	-
R046	15 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	38	22	35	37	39	39	42	42	27	36	-
R047	16 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	33	18	30	31	35	34	37	36	22	31	-
R048	2 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	44	27	43	38	47	42	45	45	35	37	-
R049	20 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	35	18	30	31	36	33	36	36	24	31	-
R050	21 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	39	22	35	35	42	38	41	40	30	35	-
R051	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	35	18	33	31	37	35	37	36	25	32	-
R052	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	30	33	30	13	29	25	36	28	31	31	24	26	-
R053	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	34	18	33	33	37	35	38	36	25	33	-
R054	23 CARYSFORT ST, BLACKHEATH	Residential	NCA02	34	38	34	17	31	30	37	33	35	35	23	31	-
R055	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	39	22	37	34	41	38	41	40	29	36	-
R056	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	45	40	23	38	37	43	40	42	42	31	37	-
R057	26 CARYSFORT ST, BLACKHEATH	Residential	NCA02	37	41	37	20	34	34	38	36	39	38	26	34	-
R058	27 CARYSFORT ST, BLACKHEATH	Residential	NCA02	38	42	37	21	35	35	40	38	41	39	28	36	-
R059	28 CARYSFORT ST, BLACKHEATH	Residential	NCA02	36	41	36	19	34	34	38	36	39	39	27	34	-
R060	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	42	34	18	30	34	38	37	40	35	26	35	-
R061	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	45	40	23	36	36	41	40	42	41	31	36	-
R062	3 CARYSFORT ST, BLACKHEATH	Residential	NCA02	44	48	43	27	41	39	44	43	45	44	33	39	-
R063	30 CARYSFORT ST, BLACKHEATH	Residential	NCA02	33	39	32	16	27	33	32	35	38	38	20	33	-
R064	31 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	44	39	23	37	36	43	39	42	41	31	35	-
R065	33 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	38	22	36	34	40	38	40	39	28	34	-
R066	35 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	39	22	35	35	41	38	41	40	29	35	-
R067	4 CARYSFORT ST, BLACKHEATH	Residential	NCA02	42	47	41	25	41	37	43	41	43	42	33	37	-
R068	7 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	42	26	41	38	44	42	45	44	33	39	-
R069	8 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	44	40	23	40	36	42	39	41	41	32	36	-
R071	4 CECIL RD, BLACKHEATH	Residential	NCA02	39	44	39	22	38	35	42	38	41	41	30	35	-
R072	5 CECIL RD, BLACKHEATH	Residential	NCA02	38	43	38	21	38	34	41	37	40	39	30	33	-
R073	1-3 CECIL RD, BLACKHEATH	Residential	NCA02	38	43	38	21	37	34	41	37	40	39	29	33	-
R074	6-8 CECIL RD, BLACKHEATH	Residential	NCA02	34	39	34	17	32	30	36	34	37	35	24	30	-
R075	56 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	39	37	20	33	36	38	33	36	40	26	36	-
R076	58 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	32	36	36	19	32	33	35	31	34	38	24	33	-
R077	60 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	40	38	21	33	36	39	34	37	41	27	37	-
R078	62 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	34	38	38	21	33	35	32	35	39	24	32	-	
R079	64 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	37	43	40	23	38	36	37	37	40	41	28	36	-
R080	66 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	39	43	43	26	40	40	41	41	44	45	32	41	-
R081	70 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	34	38	40	23	38	38	37	38	41	43	30	39	-
R082	72 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	38	41	40	23	39	39	42	36	39	43	32	40	-
R083	74 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	40	44	43	26	40	40	41	41	44	44	32	41	-
R084	74 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	35	39	36	19	39	37	40	33	36	42	31	39	-
R085	76 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	40	36	19	40	36	39	34	37	41	32	38	-
R086	78 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	40	44	40	23	40	39	45	38	41	44	33	40	-
R087	80 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	39	43	39	22	40	41	45	37	40	45	33	41	-
R088	15 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	37	41	37	20	32	33	39	36	38	38	27	33	-
R089	21 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	39	44	39	22	37	35	41	39	42	40	30	36	-
R090	22 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	36	40	34	19	33	32	36	34	37	37	25	30	-
R091	23 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	40	23	38	35	42	39	42	41	30	36	-
R092	26 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	37	41	36	20	34	33	39	36	38	38	27	34	-
R093</																

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12	Additional management measures
			Residential:	Noticeable / Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	
			Non-residential: Exceeds noise management level													
R111	3 CLYDE AV, BLACKHEATH	Residential	NCA02	50	53	49	33	49	47	52	50	53	54	41	45	-
R112	4 CLYDE AV, BLACKHEATH	Residential	NCA02	52	54	53	36	49	50	53	52	55	55	45	44	-
R113	5 CLYDE AV, BLACKHEATH	Residential	NCA02	46	50	47	30	47	46	48	46	50	51	40	45	-
R114	6 CLYDE AV, BLACKHEATH	Residential	NCA02	45	50	45	28	45	42	49	46	49	48	38	36	-
R115	7 CLYDE AV, BLACKHEATH	Residential	NCA02	47	51	48	31	46	46	46	48	51	52	38	45	-
R116	8 CLYDE AV, BLACKHEATH	Residential	NCA02	44	49	45	28	46	44	51	46	49	49	39	38	-
R117	23-25 CLYDE AV, BLACKHEATH	Residential	NCA02	44	48	45	28	46	44	48	46	49	49	38	40	-
R118	1 EVELEIGH AV, BLACKHEATH	Residential	NCA02	38	41	38	21	40	38	44	38	41	43	32	36	-
R119	15 EVELEIGH AV, BLACKHEATH	Residential	NCA02	49	53	49	32	47	48	50	47	50	50	39	48	-
R120	17 EVELEIGH AV, BLACKHEATH	Residential	NCA02	51	53	52	35	45	45	50	49	51	53	39	44	-
R121	18 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	47	30	45	45	49	46	49	50	37	43	-
R122	20 EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	46	42	25	44	42	49	42	45	46	37	37	-
R123	22 EVELEIGH AV, BLACKHEATH	Residential	NCA02	44	47	44	27	43	42	50	44	47	48	35	38	-
R124	24 EVELEIGH AV, BLACKHEATH	Residential	NCA02	36	40	36	19	45	43	45	35	38	38	37	31	-
R125	25 EVELEIGH AV, BLACKHEATH	Residential	NCA02	41	46	43	26	44	43	45	41	45	48	36	42	-
R126	26 EVELEIGH AV, BLACKHEATH	Residential	NCA02	43	45	41	26	47	42	48	42	45	47	39	38	-
R127	28 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	48	43	29	46	39	49	44	47	44	38	38	-
R128	3 EVELEIGH AV, BLACKHEATH	Residential	NCA02	37	41	38	21	40	37	44	38	41	42	32	36	-
R129	30 EVELEIGH AV, BLACKHEATH	Residential	NCA02	44	48	46	28	45	39	46	42	45	44	37	38	-
R130	32 EVELEIGH AV, BLACKHEATH	Residential	NCA02	40	44	40	23	41	40	44	38	42	45	34	37	-
R131	34 EVELEIGH AV, BLACKHEATH	Residential	NCA02	40	44	41	24	42	40	43	40	43	45	35	38	-
R132	4 EVELEIGH AV, BLACKHEATH	Residential	NCA02	45	46	46	29	40	43	45	43	46	47	33	39	-
R133	6 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	46	29	43	43	48	44	47	47	36	42	-
R134	7 EVELEIGH AV, BLACKHEATH	Residential	NCA02	45	48	46	29	44	45	48	43	46	47	36	41	-
R135	8 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	46	29	37	43	46	45	48	48	34	43	-
R136	8 EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	45	42	25	42	41	41	40	43	44	34	42	-
R137	10 GARDINER CR, BLACKHEATH	Residential	NCA02	43	47	42	26	41	33	45	41	44	42	34	36	-
R138	14 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	42	25	41	33	46	41	45	43	34	32	-
R139	2 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	38	25	41	38	46	40	43	40	33	38	-
R140	20 GARDINER CR, BLACKHEATH	Residential	NCA02	45	49	45	28	36	40	46	44	48	46	34	31	-
R141	26 GARDINER CR, BLACKHEATH	Residential	NCA02	43	45	40	26	37	42	47	45	48	47	35	32	-
R142	28 GARDINER CR, BLACKHEATH	Residential	NCA02	45	52	45	28	40	44	53	49	52	49	41	41	-
R143	3 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	38	25	40	38	44	40	43	40	32	39	-
R144	30 GARDINER CR, BLACKHEATH	Residential	NCA02	55	55	50	38	46	50	52	53	56	54	42	40	-
R145	32 GARDINER CR, BLACKHEATH	Residential	NCA02	49	54	48	32	45	51	54	54	57	53	43	51	N, V
R146	37 GARDINER CR, BLACKHEATH	Passive recreation	NCA01	60	63	59	43	57	50	62	58	61	60	50	53	-
R147	8 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	40	25	42	35	45	42	45	44	33	41	-
R148	1 GOODARE ST, BLACKHEATH	Residential	NCA02	40	47	41	23	41	35	45	39	43	43	34	35	-
R149	11 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	42	25	40	35	45	40	42	43	33	35	-
R150	12 GOODARE ST, BLACKHEATH	Residential	NCA02	37	42	38	21	40	28	44	35	38	39	33	28	-
R151	15 GOODARE ST, BLACKHEATH	Residential	NCA02	40	44	40	23	39	35	42	39	42	41	31	35	-
R152	16 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	39	23	39	35	43	39	42	41	31	34	-
R153	16 GOODARE ST, BLACKHEATH	Residential	NCA02	42	46	43	25	43	37	47	40	43	44	35	36	-
R154	20 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	44	27	44	37	47	42	45	45	36	37	-
R155	20 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	45	28	45	38	47	43	45	46	37	37	-
R156	21 GOODARE ST, BLACKHEATH	Residential	NCA02	44	48	42	27	43	37	46	42	45	43	35	36	-
R157	22 GOODARE ST, BLACKHEATH	Residential	NCA02	44	48	43	27	45	37	47	42	45	44	37	37	-
R158	25 GOODARE ST, BLACKHEATH	Residential	NCA02	42	46	41	25	43	37	46	41	44	42	35	37	-
R159	26 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	43	26	44	37	46	42	45	44	36	37	-
R160	4 GOODARE ST, BLACKHEATH	Residential	NCA02	41	45	40	24	42	37	45	40	43	42	33	36	-
R161	8 GOODARE ST, BLACKHEATH	Residential	NCA02	41	45	42	25	42	37	46	40	43	43	35	37	-
R162	17-19 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	41	26	43	36	46	41	44	42	35	36	-
R163	3-5 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	41	24	42	35	44	40	43	42	34	35	-
R164	10 GORDON AV, BLACKHEATH	Residential	NCA02	40	44	40	23	33	34	38	38	41	41	26	34	-
R165	14 GORDON AV, BLACKHEATH	Residential	NCA02	39	43	39	22	33	35	41	37	40	41	29	36	-
R166	15 GORDON AV, BLACKHEATH	Residential	NCA02	35	43	39	22	31	32	40	39	42	40	28	33	-
R167	16 GORDON AV, BLACKHEATH	Residential	NCA02	39	43	39	22	31	33	38	39	41	40	28	36	-
R168	17 GORDON AV, BLACKHEATH	Residential	NCA02	34	38	35	19	35	36	37	37	40	41	27	26	-
R169	19 GORDON AV, BLACKHEATH	Residential	NCA02	36	40	37	20	41	36	41	39	42	41	33	32	-
R170	22 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	33	16	36	28	40	35	38	37	28	27	-
R171	24 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	33	16	41	35	39	35	38	40	33	30	-
R172	27 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	33	16	40	31	42	34	37	36	33	28	-
R173	29 GORDON AV, BLACKHEATH	Residential	NCA02	40	42	39	23	41	34	45	38	41	40	33	30	-
R174	3 GORDON AV, BLACKHEATH	Residential	NCA02	41	45	42	25	40	38	43	39	42	43	32	37	-
R175	30 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	32	15	39	30	37	33	36	36	31	27	-
R176	30 GORDON AV, BLACKHEATH	Residential	NCA02	33	35	32	16	35	29	36	31	34	35	27	27	-
R177	35 GORDON AV, BLACKHEATH	Residential	NCA02	36	40	38	21	37	31	41	34	37	36	33	30	-
R178	40 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	32	15	31	30	34	31	34	35	26	29	-
R179	40 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	33	16	30	31	36	31	34	36	27	30	-
R180	41 GORDON AV, BLACKHEATH	Residential	NCA02	35	39	36	19	34	33	37	33	37	37	27	32	-
R181	7 GORDON AV, BLACKHEATH	Residential	NCA02	36	42	38	21	32	35	38	37	40	40	26	36	-
R182	8 GORDON AV, BLACKHEATH	Residential	NCA02	38	41	36	19	33	35	35	35	38	39	30	34	-
R183	9 GORDON AV, BLACKHEATH	Residential	NCA02	41	45	42	25	40	39	44	41	44	43	32	39	-
R184	18-20 GORDON AV, BLACKHEATH	Residential	NCA02	34	38	35	18	39	33	37	37	40	42	31	37	-
R185	31-33 GORDON AV, BLACKHEATH	Residential	NCA02	38	41	36	21	41	32	43	37	40	38	33	31	-
R186	100 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	36	23	37	34	42	38	41	38	30	35	-
R187	102 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	37	22	37	36	42	37	40	38	30	36	-
R188	106 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	32	36	28	15	32	27	36	30	33	29	24	28	-
R189	108 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	39	23	37	35	41	38	41	40	29	37	-
R190	20 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	43	47	46	29	40	45	45	45	48	49	33	48	-
R191	35 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	41	45	43	26	43	43	48	40	43	47	36	44	-
R192	36 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	43	47	43	26	48	46	49	41	44	51	42	47	-
R193	46 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	37	45	37	20	40	41	47	35	38	45	35	42	-
R194	52 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	34	46	34	17	42	40	44	32	36	45	34	41	-
R195	54 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	47	51	40	30	43	41	48	45	48	46	36	43	-
R196	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	40	23	40	39	45	37	40	44	33	39	-
R197	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	33	43	33	16	37	34	40	31	34	39	30	34	-
R198	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	50	37	27	42	39	46	42	45	40	35	40	-
R199	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	47	36	26	40	38	45	41	44	43	33	39	-
R200	63 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	37	47	39	22	40	39	45	35	38	44	33	38	-
R201	64 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	45												

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12	Additional management measures
			Residential:	Noticeable / Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	
			Non-residential:	Exceeds noise management level												
R218	81 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	44	31	21	38	33	41	36	39	37	30	33	-
R219	82 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	48	39	27	40	38	45	42	45	41	33	39	-
R220	83 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	45	37	24	37	37	42	39	42	41	30	37	-
R221	84 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	36	23	38	37	42	38	41	39	30	37	-
R222	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	36	40	30	19	35	33	39	34	37	33	27	33	-
R223	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	36	23	38	35	43	38	41	39	31	35	-
R224	89 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	33	23	37	36	41	38	41	39	29	37	-
R225	90 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	44	36	22	38	35	43	37	40	38	31	36	-
R226	91 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	33	23	37	34	41	38	41	37	29	36	-
R227	92 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	37	22	38	36	43	37	40	39	31	37	-
R228	94 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	37	41	31	20	37	33	41	36	39	35	29	34	-
R229	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	35	39	30	18	33	31	37	33	36	31	25	31	-
R230	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	33	37	29	16	31	29	36	31	34	31	24	29	-
R231	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	35	39	29	18	36	31	40	33	36	31	29	31	-
R232	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	33	23	38	36	42	38	41	36	30	36	-
R233	102-104 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	46	39	25	39	36	43	40	43	39	31	37	-
R234	15-17 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	45	49	45	28	39	47	46	44	47	51	34	48	-
R235	19-25 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	45	49	46	29	38	45	47	45	48	49	35	46	-
R236	27-29 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	43	47	48	31	46	45	45	47	50	50	38	47	-
R237	32-34 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	42	49	43	26	46	44	46	41	44	48	39	44	-
R238	32-34 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	48	43	26	46	44	51	42	44	49	39	45	-
R239	40-42 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	41	46	42	25	45	45	50	41	43	49	38	45	-
R240	43-45 GOVETTS LEAP RD, BLACKHEATH	Place of worship	NCA02	42	46	42	25	43	43	48	39	42	47	36	44	-
R241	55-55 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	49	41	23	42	41	46	37	40	46	34	42	-
R242	85-87 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	46	34	23	37	36	42	38	41	41	30	37	-
R243	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	38	42	39	22	35	36	40	36	39	41	28	37	-
R244	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	38	42	38	21	35	35	40	36	41	40	28	35	-
R245	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	47	51	46	30	42	43	48	45	48	48	36	44	-
R246	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	43	48	43	26	40	40	45	42	46	45	33	41	-
R247	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	47	51	47	30	43	45	48	46	49	49	36	45	-
R248	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	45	28	41	42	46	43	48	47	34	43	-
R249	213 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	48	44	27	40	41	45	42	46	45	33	41	-
R250	215 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	49	53	49	32	44	47	50	48	52	51	38	48	-
R251	220 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	68	75	65	51	57	65	67	71	74	68	55	66	N
R252	228 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	49	53	49	32	44	47	50	48	52	51	38	52	-
R253	235 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	51	55	51	34	45	50	52	50	54	54	40	51	-
R254	263 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	71	77	68	54	61	60	71	70	73	68	59	60	N
R255	264 GREAT WESTERN HWY, BLACKHEATH	Industrial	NCA01	84	95	74	66	60	69	74	99	102	77	62	67	N
R256	265 GREAT WESTERN HWY, BLACKHEATH	Passive recreation	NCA01	67	71	65	50	67	58	72	65	68	65	60	56	N
R257	277 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	55	59	54	38	57	49	58	53	56	55	49	48	-
R258	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	54	58	51	37	52	47	55	52	55	52	44	47	-
R259	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	53	58	52	36	56	48	57	51	55	54	48	47	-
R260	284 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	51	55	51	34	54	47	56	49	52	52	46	46	-
R261	286 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	50	55	50	33	52	46	54	48	52	51	44	45	-
R262	287 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	49	53	47	32	49	43	52	47	50	49	42	42	-
R263	288 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	50	46	29	47	41	49	44	47	47	39	40	-
R264	291 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	47	52	46	30	46	42	49	45	49	47	39	41	-
R265	293 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	51	45	29	45	41	48	44	48	46	38	40	-
R266	294 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	43	28	43	39	46	43	46	44	36	38	-
R267	297 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	42	27	42	38	45	42	45	43	35	37	-
R268	298 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	42	27	42	38	46	42	46	43	35	38	-
R269	299 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	44	28	44	39	47	43	46	45	36	39	-
R270	300 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	43	48	42	26	42	38	45	41	45	43	34	37	-
R271	301 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	41	46	41	24	41	37	44	40	43	42	33	36	-
R272	302 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	38	43	36	21	35	32	40	36	40	37	27	32	-
R273	194-196 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	48	44	27	40	40	45	43	45	45	33	41	-
R274	195-195 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	42	46	42	25	38	39	44	40	43	44	32	39	-
R275	197-199 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	42	46	43	26	38	40	43	40	43	45	31	40	-
R276	197-199 GREAT WESTERN HWY, BLACKHEATH	Active recreation	NCA01	41	45	41	24	37	38	42	39	43	43	30	38	-
R277	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	44	48	48	31	41	45	45	43	47	50	33	46	-
R278	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	52	47	31	42	43	49	47	50	48	37	44	-
R279	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	51	55	51	34	46	49	52	50	54	53	40	49	-
R280	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	52	48	31	43	45	49	48	51	50	37	46	-
R281	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	46	50	47	30	42	46	48	47	50	51	36	51	-
R282	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	53	48	31	44	46	50	48	52	50	38	47	-
R283	240-244 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	60	64	60	43	50	59	60	61	65	63	48	62	-
R284	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	51	56	50	34	54	45	54	49	53	51	46	44	-
R285	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	54	58	53	37	52	48	57	52	55	54	45	47	-
R286	289-290 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	49	53	48	32	48	43	51	47	50	49	40	43	-
R287	295-296 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	43	27	43	38	46	42	46	44	35	38	-
R288	10 HAT HILL RD, BLACKHEATH	Residential	NCA01	55	59	55	38	51	49	59	53	56	55	47	46	-
R289	11 HAT HILL RD, BLACKHEATH	Residential	NCA02	53	58	52	36	50	48	55	51	54	53	44	48	-
R290	12 HAT HILL RD, BLACKHEATH	Residential	NCA02	50	55	49	33	50	44	56	49	51	50	44	45	-
R291	14 HAT HILL RD, BLACKHEATH	Residential	NCA02	49	54	48	32	51	44	53	48	51	49	43	45	-
R292	16 HAT HILL RD, BLACKHEATH	Residential	NCA02	49	53	48	32	50	44	52	48	51	49	43	45	-
R293	18 HAT HILL RD, BLACKHEATH	Residential	NCA02	48	52	46	31	49	43	53	47	50	48	41	45	-
R294	19 HAT HILL RD, BLACKHEATH	Residential	NCA02	46	50	46	29	41	41	48	46	49	47	36	44	-
R295	21 HAT HILL RD, BLACKHEATH	Residential	NCA02	38	42	37	21	36	33	39	40	43	38	28	37	-
R296	21 HAT HILL RD, BLACKHEATH	Residential	NCA02	45	49	45	28	42	40	45	43	47	46	34	40	-
R297	22 HAT HILL RD, BLACKHEATH	Residential	NCA02	46	50	45	29	44	42	48	45	48	47	36	42	-
R298	24 HAT HILL RD, BLACKHEATH	Residential	NCA02	44	48	43	27	36	39	45	44	46	44	33	41	-
R299	26 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	42	26	34	40	44	43	45	44	33	41	-
R300	27 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	45	43	26	38	37	44	41	44	44	32	39	-
R301	27 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	46	43	26	41	40	44	42	45	45	33	39	-
R302	28 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	42	26	34	39	43	43	46	44	31	40	-
R303	3 HAT HILL RD, BLACKHEATH	Residential	NCA02	51	55	51	34	55	46	58	50	53	52	48	47	N, V
R304	30 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	40	24	30	37	41	42	45	42	29	38	-
R305	31 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	40	25	41	38	45	41	44	43	33	38	-
R306	32 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	40	24	35	38</							

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12	Additional management measures
			Residential:	Noticeable / Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	
			Non-residential:	Exceeds noise management level												
R325	56 HAT HILL RD, BLACKHEATH	Residential	NCA02	38	43	38	21	35	34	40	38	40	39	28	35	-
R326	58 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	45	40	23	38	36	43	40	42	41	31	36	-
R327	60 HAT HILL RD, BLACKHEATH	Residential	NCA02	37	42	37	20	29	33	40	37	40	38	28	33	-
R328	62 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	44	39	22	37	35	41	39	41	40	30	35	-
R329	66 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	38	22	34	34	40	37	40	40	28	34	-
R330	66 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	39	22	37	34	41	38	41	40	29	34	-
R331	68 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	38	21	37	34	41	38	41	39	29	34	-
R332	9 HAT HILL RD, BLACKHEATH	Residential	NCA02	53	57	50	36	50	45	52	51	54	53	42	47	N, V
R333	2-8 HAT HILL RD, BLACKHEATH	Place of worship	NCA01	56	61	55	39	58	50	60	55	58	56	51	49	N, V
R334	2-8 HAT HILL RD, BLACKHEATH	Residential	NCA01	58	61	57	40	60	51	61	55	58	58	52	51	-
R336	2 HAVILAND AV, BLACKHEATH	Residential	NCA02	49	53	49	32	44	47	51	47	50	52	38	49	-
R338	4 HAVILAND AV, BLACKHEATH	Residential	NCA02	53	57	53	36	48	52	54	52	55	57	42	54	N, V
R340	6 HAVILAND AV, BLACKHEATH	Residential	NCA02	52	56	53	36	47	51	52	51	54	56	40	51	-
R342	8 HAVILAND AV, BLACKHEATH	Residential	NCA02	51	56	51	34	47	51	52	59	62	65	40	58	N, V
R343	9 HAVILAND AV, BLACKHEATH	Residential	NCA02	51	56	52	35	46	52	53	50	53	55	41	52	-
R344	20 HELVETIA RD, BLACKHEATH	Residential	NCA02	33	38	33	16	33	32	39	34	37	38	27	33	-
R345	11-27 HELVETIA RD, BLACKHEATH	Residential	NCA02	40	44	39	23	38	36	42	39	42	42	30	38	-
R346	1 HYDORA LANE, BLACKHEATH	Residential	NCA02	43	51	41	26	46	46	53	41	44	50	41	46	-
R347	20 HYDORA LANE, BLACKHEATH	Residential	NCA01	53	58	51	36	47	46	52	51	54	51	40	48	-
R348	20 HYDORA LANE, BLACKHEATH	Commercial	NCA01	64	69	57	47	55	57	63	64	67	63	51	51	-
R349	10 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	47	31	50	45	54	48	51	50	43	46	-
R350	12 INCONSTANT ST, BLACKHEATH	Residential	NCA02	49	53	50	33	50	46	54	48	51	51	42	46	-
R351	14 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	51	34	47	45	54	47	50	52	42	45	-
R352	15 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	48	31	47	45	51	48	50	49	39	46	-
R353	2 INCONSTANT ST, BLACKHEATH	Residential	NCA02	50	57	49	33	49	49	52	52	55	54	44	46	-
R354	21 INCONSTANT ST, BLACKHEATH	Residential	NCA02	45	49	44	28	42	40	45	45	48	45	34	43	-
R355	25 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	45	33	19	36	38	37	41	43	36	28	38	-
R356	27 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	34	18	33	31	37	33	36	36	25	30	-
R357	31 INCONSTANT ST, BLACKHEATH	Residential	NCA02	28	32	30	13	30	26	33	27	30	31	22	23	-
R358	35 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	36	19	35	32	38	34	37	37	27	32	-
R359	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	39	35	18	32	31	37	33	36	36	25	31	-
R360	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02	37	42	37	20	33	34	39	36	39	39	27	34	-
R361	4 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	53	36	47	47	55	49	52	49	43	45	-
R362	40 INCONSTANT ST, BLACKHEATH	Residential	NCA02	38	42	36	21	38	33	38	37	40	38	30	35	-
R363	41 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	31	14	31	27	33	30	32	33	23	27	-
R364	42 INCONSTANT ST, BLACKHEATH	Residential	NCA02	39	44	39	22	38	35	41	38	41	40	30	35	-
R365	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	35	18	32	32	37	34	37	37	25	32	-
R366	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02	40	44	39	23	39	36	42	39	42	41	31	35	-
R367	44 INCONSTANT ST, BLACKHEATH	Residential	NCA02	33	39	33	16	32	29	35	34	36	34	24	32	-
R368	46 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	31	14	31	27	34	29	32	32	23	27	-
R369	47 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	41	36	19	33	32	38	35	38	38	26	33	-
R370	48 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	38	36	19	33	32	38	33	35	37	26	31	-
R371	50 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	33	16	33	29	36	30	32	34	25	27	-
R372	51 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	35	18	34	31	36	34	37	36	26	31	-
R373	52 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	37	35	18	34	32	38	32	35	37	26	30	-
R374	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02	27	31	28	11	27	24	31	25	28	29	19	22	-
R375	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02	32	36	34	17	33	30	36	32	35	35	25	30	-
R376	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	36	19	34	32	38	34	37	37	26	32	-
R377	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	34	19	32	32	37	34	37	36	25	32	-
R378	16-18 INCONSTANT ST, BLACKHEATH	Residential	NCA02	51	54	50	34	50	46	53	49	52	51	42	45	-
R379	38-38 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	35	18	32	31	37	33	36	36	25	31	-
R380	9-13 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	47	31	50	44	50	47	50	48	42	44	-
R381	1 KAMILAROI ST, BLACKHEATH	Residential	NCA02	40	45	41	24	38	37	43	39	42	42	31	36	-
R382	5 KAMILAROI ST, BLACKHEATH	Residential	NCA02	41	44	40	24	38	36	43	39	42	42	31	36	-
R383	9 KAMILAROI ST, BLACKHEATH	Residential	NCA02	40	44	40	23	39	36	43	40	43	41	31	37	-
R384	15 KANIMBLA RD, BLACKHEATH	Residential	NCA02	41	45	41	24	41	35	44	39	42	42	33	35	-
R385	17 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	45	40	23	39	35	43	39	42	41	31	35	-
R386	19 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	40	23	39	35	43	38	42	40	31	34	-
R387	21 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	39	22	38	35	42	38	41	40	30	34	-
R388	23 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	45	40	23	39	35	43	39	42	41	31	34	-
R389	25 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	39	23	39	34	42	38	41	41	31	34	-
R390	26 KANIMBLA RD, BLACKHEATH	Residential	NCA02	38	43	38	21	37	34	41	37	40	39	29	34	-
R391	3 KANIMBLA RD, BLACKHEATH	Residential	NCA02	43	47	42	26	42	37	47	42	45	42	35	36	-
R392	5 KANIMBLA RD, BLACKHEATH	Residential	NCA02	42	47	42	26	42	36	46	41	44	42	34	35	-
R393	9 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	44	40	23	40	35	43	40	43	41	32	35	-
R394	11 KENNEDY ST, BLACKHEATH	Residential	NCA02	41	45	41	24	39	39	43	42	45	44	31	37	-
R395	7 KENNEDY ST, BLACKHEATH	Residential	NCA02	40	44	41	24	38	37	43	39	43	42	31	37	-
R396	25 KUBYA ST, BLACKHEATH	Residential	NCA02	42	47	42	25	39	39	44	43	46	44	32	39	-
R397	30 KUBYA ST, BLACKHEATH	Residential	NCA02	44	49	42	27	39	41	46	44	47	43	34	42	-
R398	32 KUBYA ST, BLACKHEATH	Residential	NCA02	40	44	37	23	33	36	40	40	43	39	28	37	-
R399	5 KUBYA ST, BLACKHEATH	Residential	NCA02	36	40	37	20	35	33	38	35	38	38	27	34	-
R401	7 KUBYA ST, BLACKHEATH	Residential	NCA02	39	43	40	23	39	37	43	38	41	42	31	39	-
R402	7 KUBYA ST, BLACKHEATH	Residential	NCA02	39	43	40	23	36	37	41	39	42	42	29	37	-
R403	9 KUBYA ST, BLACKHEATH	Residential	NCA02	41	46	41	24	37	39	42	42	45	43	30	40	-
R404	1 KUNDIBAR ST, BLACKHEATH	Residential	NCA02	42	47	43	26	40	41	44	41	44	45	32	40	-
R405	27 KUNDIBAR ST, BLACKHEATH	Residential	NCA02	33	37	33	16	32	30	35	33	36	35	24	30	-
R406	3 KUNDIBAR ST, BLACKHEATH	Residential	NCA02	39	43	39	22	35	37	41	39	42	41	29	37	-
R407	3 KUNDIBAR ST, BLACKHEATH	Residential	NCA02	40	44	40	23	35	38	43	40	43	42	31	39	-
R408	7 KUNDIBAR ST, BLACKHEATH	Residential	NCA02	40	44	39	23	37	40	41	41	44	42	30	40	-
R409	27 LAKEVIEW AV, BLACKHEATH	Residential	NCA02	32	36	32	15	30	24	37	31	35	34	25	25	-
R410	1 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	43	47	43	26	39	40	44	41	45	44	32	40	-
R411	10 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	38	20	39	38	44	34	37	43	32	39	-
R412	14 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	37	20	39	38	44	34	37	43	32	39	-
R413	16 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	37	20	39	38	44	34	36	43	32	39	-
R414	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	37	39	36	20	38	37	43	33	36	42	31	38	-
R415	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	37	34	17	38	34	42	31	34	39	30	35	-
R416	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	36	33	16	37	35	42	30	33	40	30	35	-
R417	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	36	33	16	38	35	43	31	33	40	31	35	-
R418	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	34	45	35	18	38	36	42	32	35	41	30	36	-
R419	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	34	17	37	42	31	33	41	30	37	-	-
R420	26 LEICHHARD															

Receiver ID	Address	Receiver Type	NCA	CS01 CS02 CS03 CS04 CS05 CS06 CS07 CS08 CS09 CS10 CS11 CS12												Additional management measures
				Residential: Noticeable / Clearly audible Moderately intrusive Highly intrusive Bold Highly noise affected												
				Non-residential: Exceeds noise management level												
R437	28 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	43	37	20	35	34	39	37	40	39	27	34	-
R438	30 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	41	37	20	35	33	39	36	39	38	27	32	-
R439	33 MINYAGO ST, BLACKHEATH	Residential	NCA02	38	41	38	21	35	33	40	36	39	39	28	33	-
R440	33 MINYAGO ST, BLACKHEATH	Residential	NCA02	40	44	40	23	38	36	42	39	42	41	30	35	-
R441	35 MINYAGO ST, BLACKHEATH	Residential	NCA02	41	45	41	24	38	36	43	40	43	42	31	36	-
R442	37 MINYAGO ST, BLACKHEATH	Residential	NCA02	41	45	41	24	38	37	42	40	43	42	30	37	-
R443	4 MINYAGO ST, BLACKHEATH	Residential	NCA02	36	40	36	19	35	34	38	36	38	39	28	34	-
R444	6 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	35	18	32	30	37	33	36	36	25	32	-
R445	8 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	33	18	33	33	37	35	38	38	26	34	-
R446	10-12 MINYAGO ST, BLACKHEATH	Residential	NCA02	30	35	31	14	27	27	32	30	33	32	20	28	-
R447	1 MURRI ST, BLACKHEATH	Residential	NCA01	52	54	53	36	60	48	54	48	51	54	52	47	-
R449	10 MURRI ST, BLACKHEATH	Residential	NCA02	53	56	55	37	56	48	55	51	54	55	49	47	-
R450	12 MURRI ST, BLACKHEATH	Residential	NCA02	50	54	50	33	58	42	53	48	51	50	41	N, V	-
R451	2 MURRI ST, BLACKHEATH	Residential	NCA01	57	62	55	40	65	49	63	56	59	56	57	48	-
R452	20 MURRI ST, BLACKHEATH	Residential	NCA02	48	51	47	31	52	45	50	46	49	47	44	44	-
R453	22 MURRI ST, BLACKHEATH	Residential	NCA02	45	49	46	29	40	44	48	44	47	47	37	44	-
R454	24 MURRI ST, BLACKHEATH	Residential	NCA02	47	51	47	30	47	45	49	46	49	48	39	45	-
R455	26 MURRI ST, BLACKHEATH	Residential	NCA02	41	45	42	25	45	37	46	40	43	43	37	35	-
R456	26 MURRI ST, BLACKHEATH	Residential	NCA02	44	48	44	27	41	45	48	43	46	46	36	44	-
R457	30 MURRI ST, BLACKHEATH	Residential	NCA02	40	44	41	24	37	41	45	40	43	46	34	40	-
R458	34 MURRI ST, BLACKHEATH	Residential	NCA02	38	42	38	21	37	36	42	37	40	41	33	34	-
R459	8 MURRI ST, BLACKHEATH	Residential	NCA02	52	57	54	36	56	52	58	51	53	58	50	51	N, V
R460	8 MURRI ST, BLACKHEATH	Residential	NCA02	51	56	52	35	55	46	59	49	52	52	50	45	N, V
R461	24 NIXON LANE, BLACKHEATH	Residential	NCA02	33	44	34	17	38	37	42	31	34	42	31	38	-
R462	1 PARK AV, BLACKHEATH	Residential	NCA02	49	54	44	32	46	40	51	48	51	44	39	45	-
R463	1 PARK AV, BLACKHEATH	Residential	NCA02	45	49	41	28	45	34	49	43	46	39	37	39	-
R464	10 PARK AV, BLACKHEATH	Residential	NCA02	47	51	44	30	43	37	48	46	49	47	36	38	-
R465	12 PARK AV, BLACKHEATH	Residential	NCA02	51	55	48	33	41	36	49	49	51	48	37	35	-
R466	14 PARK AV, BLACKHEATH	Residential	NCA02	47	52	47	30	43	34	44	46	49	46	36	31	-
R467	15 PARK AV, BLACKHEATH	Residential	NCA02	44	48	41	27	42	31	47	42	45	41	35	35	-
R468	16 PARK AV, BLACKHEATH	Residential	NCA02	40	44	42	25	40	33	45	42	45	44	33	32	-
R469	17 PARK AV, BLACKHEATH	Residential	NCA02	42	46	39	25	40	32	45	40	43	40	33	35	-
R470	2 PARK AV, BLACKHEATH	Residential	NCA02	47	52	44	30	47	38	51	45	48	47	39	39	-
R471	21 PARK AV, BLACKHEATH	Residential	NCA02	35	39	33	18	39	27	38	33	36	34	31	30	-
R472	23 PARK AV, BLACKHEATH	Residential	NCA02	41	45	40	24	40	34	45	39	42	39	33	38	-
R473	25 PARK AV, BLACKHEATH	Residential	NCA02	42	46	37	25	40	31	45	40	43	37	33	36	-
R474	27 PARK AV, BLACKHEATH	Residential	NCA02	33	37	32	16	29	27	34	31	34	31	22	31	-
R475	29 PARK AV, BLACKHEATH	Residential	NCA02	37	41	36	20	38	30	42	35	38	36	30	35	-
R476	3 PARK AV, BLACKHEATH	Residential	NCA02	49	53	44	32	45	40	51	47	50	44	39	45	-
R477	33 PARK AV, BLACKHEATH	Residential	NCA02	39	44	38	22	39	29	43	37	40	39	31	32	-
R478	35 PARK AV, BLACKHEATH	Residential	NCA02	39	43	38	22	38	33	42	37	40	38	30	37	-
R479	39 PARK AV, BLACKHEATH	Residential	NCA02	40	44	38	23	38	33	42	38	41	39	30	37	-
R480	4 PARK AV, BLACKHEATH	Residential	NCA02	49	53	45	32	44	38	50	47	51	48	38	40	-
R481	41 PARK AV, BLACKHEATH	Residential	NCA02	38	43	37	21	37	32	41	36	39	38	30	34	-
R482	5 PARK AV, BLACKHEATH	Residential	NCA02	46	50	44	29	44	33	49	44	47	43	37	38	-
R483	6 PARK AV, BLACKHEATH	Residential	NCA02	47	52	47	30	42	33	51	46	49	44	39	38	-
R484	7 PARK AV, BLACKHEATH	Residential	NCA02	45	49	42	28	43	35	48	43	46	43	36	39	-
R485	8 PARK AV, BLACKHEATH	Residential	NCA02	48	53	48	31	42	34	50	47	50	46	38	34	-
R486	9 PARK AV, BLACKHEATH	Educational institute	NCA02	38	42	36	21	37	31	41	36	39	36	29	36	-
R487	26-50 PARK AV, BLACKHEATH	Active recreation	NCA02	40	44	40	23	41	38	45	39	43	43	33	31	-
R488	9-11 PARK AV, BLACKHEATH	Educational institute	NCA02	41	45	37	24	38	38	44	39	42	40	32	41	-
R489	38 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	36	23	36	35	41	38	41	40	29	36	-
R490	40 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	39	44	33	22	36	35	41	37	40	40	29	36	-
R491	42 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	45	37	23	37	36	41	38	41	41	29	36	-
R492	51 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	39	23	37	34	42	39	42	41	30	36	-
R493	52 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	38	42	39	22	37	34	42	36	39	40	30	36	-
R494	54 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	39	23	37	34	42	38	41	40	30	36	-
R495	55 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	39	23	37	33	42	39	42	41	30	36	-
R496	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	45	39	23	37	33	42	38	41	40	30	36	-
R497	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	38	43	37	21	37	31	41	38	41	38	29	34	-
R498	57 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	39	23	37	33	42	39	42	41	30	36	-
R499	59 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	40	23	37	33	42	39	42	41	30	36	-
R500	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	40	23	37	33	42	39	43	41	30	37	-
R501	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	40	23	37	33	42	39	43	41	30	34	-
R502	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	39	23	37	33	41	39	42	40	30	36	-
R503	77 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	43	50	42	26	40	38	48	44	47	47	36	39	-
R504	81 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	39	47	39	22	36	38	43	41	44	43	31	38	-
R505	83 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	37	45	37	20	35	36	42	39	42	42	30	37	-
R506	85 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	32	38	32	15	33	30	40	34	37	37	28	32	-
R507	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	41	45	40	24	37	33	42	39	42	42	30	33	-
R508	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	41	45	41	24	38	33	43	39	42	41	31	33	-
R509	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	40	23	37	33	42	39	42	41	30	33	-
R511	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	37	41	37	20	35	36	39	38	41	41	29	29	-
R512	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	40	45	40	23	38	36	42	39	42	41	30	31	-
R513	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	41	45	41	24	39	37	44	40	43	42	32	30	-
R514	90-92 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	44	47	42	27	41	39	44	42	45	44	33	39	-
R515	10 RAILWAY AV, BLACKHEATH	Residential	NCA02	58	62	59	42	50	55	61	56	59	60	49	46	N, V
R516	12 RAILWAY AV, BLACKHEATH	Residential	NCA02	56	56	56	39	48	54	53	54	57	59	41	49	N, V
R517	14 RAILWAY AV, BLACKHEATH	Residential	NCA02	57	60	58	41	50	53	59	55	58	58	47	50	N, V
R518	2 RAILWAY AV, BLACKHEATH	Residential	NCA01	66	70	67	50	58	69	67	65	68	73	55	66	N, V
R519	4 RAILWAY AV, BLACKHEATH	Residential	NCA02	61	64	62	45	49	58	63	59	62	62	51	57	N, V
R520	7 RAILWAY AV, BLACKHEATH	Residential	NCA02	61	64	62	45	57	57	60	59	62	63	49	55	N, V
R521	8 RAILWAY AV, BLACKHEATH	Residential	NCA02	60	63	60	43	50	56	61	58	61	62	49	49	N, V
R522	9 RAILWAY AV, BLACKHEATH	Residential	NCA02	58	62	58	41	56	56	54	56	59	60	49	45	N, V
R523	1 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	51	53	52	35	50	47	52	50	53	52	42	47	-
R524	3 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	49	52	49	33	51	46	51	49	52	50	43	46	-
R525	5 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	48	50	48	31	49	43	49	47	50	49	41	44	-
R526	7 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	48	51	46	31	45	43	49	46	49	48	38	43	-
R527	5 RYDER LANE, BLACKHEATH	Residential	NCA02	39	44	39	22	39	35	42	38	41	40	31	35	-
R528	1 RYDER ST, BLACKHEATH	Residential	NCA02	38	43	39	22	38	35	41	38	41	40	30	34	-
R529	11 RYDER ST, BLACKHEATH	Residential	NCA02	41	45	41	24	40	36	42	39	42	42	32	36	-
R530	5 RYDER ST, BLACKHEATH	Residential	NCA02	40	44	40	23	39	36	42						

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12	Additional management measures
			Residential:	Noticeable / Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	
			Non-residential:	Exceeds noise management level												
R547	34 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	40	24	37	37	42	40	43	42	30	37	-
R548	38 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	41	24	38	37	42	40	43	42	30	38	-
R549	38 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	41	24	37	37	42	40	43	42	30	37	-
R550	4 SHIPLEY RD, BLACKHEATH	Residential	NCA02	43	47	42	26	38	39	43	43	46	44	31	42	-
R551	42 SHIPLEY RD, BLACKHEATH	Residential	NCA02	40	44	40	23	37	36	42	40	43	42	30	37	-
R552	44 SHIPLEY RD, BLACKHEATH	Residential	NCA02	38	42	38	21	35	34	40	37	40	39	28	34	-
R553	6 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	42	25	38	39	43	42	45	44	31	40	-
R554	8 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	42	25	38	39	43	45	48	44	31	40	-
R555	27-29 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	41	24	38	37	42	40	43	42	30	37	-
R556	46-48 SHIPLEY RD, BLACKHEATH	Residential	NCA02	40	44	40	23	37	36	41	39	42	41	29	35	-
R557	104 STATION ST, BLACKHEATH	Residential	NCA01	44	48	44	27	40	43	46	47	49	48	34	45	-
R558	107 STATION ST, BLACKHEATH	Residential	NCA01	46	50	45	29	41	43	47	45	48	47	35	43	-
R559	107 STATION ST, BLACKHEATH	Residential	NCA01	44	48	44	27	40	42	46	44	46	46	34	43	-
R560	111 STATION ST, BLACKHEATH	Residential	NCA01	45	49	45	28	40	42	46	45	48	47	34	45	-
R561	112 STATION ST, BLACKHEATH	Residential	NCA01	45	49	44	28	41	43	47	46	48	46	35	44	-
R562	114 STATION ST, BLACKHEATH	Residential	NCA01	48	52	48	31	43	45	49	48	51	50	37	46	-
R563	114 STATION ST, BLACKHEATH	Residential	NCA01	48	52	46	31	42	43	47	48	51	48	35	44	-
R564	117 STATION ST, BLACKHEATH	Residential	NCA01	46	51	46	29	42	44	47	47	50	48	35	45	-
R565	118 STATION ST, BLACKHEATH	Residential	NCA01	50	54	49	33	45	48	51	50	53	52	39	49	-
R566	120 STATION ST, BLACKHEATH	Residential	NCA01	44	50	42	27	37	39	43	46	49	43	31	44	-
R567	123 STATION ST, BLACKHEATH	Commercial	NCA01	54	59	54	37	47	53	54	54	57	57	42	54	-
R568	124 STATION ST, BLACKHEATH	Commercial	NCA01	58	63	57	41	49	56	58	60	63	60	46	60	-
R569	124 STATION ST, BLACKHEATH	Commercial	NCA01	57	61	57	40	49	55	57	59	62	59	45	58	-
R570	133 STATION ST, BLACKHEATH	Commercial	NCA01	66	70	67	50	56	73	66	66	69	75	54	75	N
R571	134 STATION ST, BLACKHEATH	Commercial	NCA01	63	67	64	47	55	66	63	63	66	70	51	65	-
R572	138 STATION ST, BLACKHEATH	Commercial	NCA02	66	69	67	50	61	62	68	64	67	68	56	60	-
R573	139 STATION ST, BLACKHEATH	Residential	NCA02	64	68	66	49	63	60	69	63	66	66	57	58	N, V
R574	140 STATION ST, BLACKHEATH	Commercial	NCA02	62	65	63	46	65	57	68	60	63	63	57	55	-
R575	146 STATION ST, BLACKHEATH	Residential	NCA01	55	56	52	38	58	47	59	51	53	53	51	46	-
R576	147 STATION ST, BLACKHEATH	Residential	NCA01	52	57	51	35	54	47	56	51	54	52	47	45	-
R577	148 STATION ST, BLACKHEATH	Residential	NCA01	47	52	47	30	50	48	52	46	50	51	43	45	-
R578	149 STATION ST, BLACKHEATH	Residential	NCA01	50	55	50	33	55	48	54	48	52	53	47	47	-
R579	150 STATION ST, BLACKHEATH	Residential	NCA02	41	46	40	24	45	41	44	39	43	46	37	41	-
R580	151 STATION ST, BLACKHEATH	Residential	NCA01	52	57	50	35	53	45	55	50	53	51	46	45	-
R581	153 STATION ST, BLACKHEATH	Residential	NCA01	50	55	48	33	51	43	53	48	52	49	43	43	-
R582	154 STATION ST, BLACKHEATH	Residential	NCA01	49	53	48	32	49	43	51	47	50	48	41	42	-
R583	155 STATION ST, BLACKHEATH	Residential	NCA01	46	51	46	29	47	41	49	44	48	47	39	41	-
R584	156 STATION ST, BLACKHEATH	Residential	NCA01	48	52	45	31	47	41	50	46	50	46	40	40	-
R585	157 STATION ST, BLACKHEATH	Residential	NCA01	47	51	45	30	47	41	50	45	48	46	39	40	-
R586	158 STATION ST, BLACKHEATH	Residential	NCA01	47	52	46	30	46	41	49	45	49	47	39	41	-
R587	160 STATION ST, BLACKHEATH	Residential	NCA01	48	52	47	31	47	42	50	46	48	48	39	42	-
R588	161 STATION ST, BLACKHEATH	Residential	NCA01	45	50	44	28	45	40	47	43	47	45	37	39	-
R589	162 STATION ST, BLACKHEATH	Residential	NCA01	45	49	43	28	43	39	47	43	46	44	36	38	-
R590	163 STATION ST, BLACKHEATH	Residential	NCA01	38	42	38	21	37	34	41	36	39	40	30	34	-
R591	164 STATION ST, BLACKHEATH	Residential	NCA01	41	45	40	24	40	35	43	39	42	41	32	35	-
R592	165 STATION ST, BLACKHEATH	Residential	NCA01	41	45	40	24	42	36	43	39	42	41	35	36	-
R593	165 STATION ST, BLACKHEATH	Residential	NCA01	40	44	40	23	39	35	42	38	41	41	31	35	-
R595	170 STATION ST, BLACKHEATH	Residential	NCA01	43	47	42	26	42	37	45	41	43	43	34	38	-
R596	171 STATION ST, BLACKHEATH	Residential	NCA01	40	44	39	23	39	35	42	38	41	40	31	34	-
R597	172 STATION ST, BLACKHEATH	Residential	NCA01	40	44	39	23	39	35	42	38	41	40	31	35	-
R598	173 STATION ST, BLACKHEATH	Residential	NCA02	40	44	40	23	39	36	43	38	41	41	31	35	-
R599	174 STATION ST, BLACKHEATH	Residential	NCA01	39	44	39	22	38	34	42	37	40	40	30	34	-
R600	174 STATION ST, BLACKHEATH	Residential	NCA01	39	43	39	22	38	34	41	38	41	40	30	34	-
R602	95 STATION ST, BLACKHEATH	Residential	NCA02	42	47	41	25	38	39	43	44	47	43	31	39	-
R603	96 STATION ST, BLACKHEATH	Residential	NCA02	42	46	41	25	38	39	43	42	45	43	31	39	-
R604	97 STATION ST, BLACKHEATH	Residential	NCA02	41	45	39	24	36	38	42	41	44	40	30	38	-
R605	98 STATION ST, BLACKHEATH	Residential	NCA02	40	45	37	24	34	37	40	40	43	42	28	38	-
R606	99 STATION ST, BLACKHEATH	Residential	NCA02	45	49	43	28	40	42	46	45	48	45	34	43	-
R607	115-116 STATION ST, BLACKHEATH	Residential	NCA01	44	48	44	27	40	42	45	43	46	46	33	43	-
R608	125-130 STATION ST, BLACKHEATH	Commercial	NCA01	62	66	62	45	54	63	62	62	65	66	50	66	-
R609	132-133 STATION ST, BLACKHEATH	Residential	NCA01	63	68	63	46	55	67	63	64	67	69	51	71	N, V
R610	11 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	40	23	37	37	42	40	43	42	30	37	-
R611	13 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	40	23	37	37	42	40	43	41	30	37	-
R612	17 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	40	23	36	36	41	39	42	41	29	37	-
R613	19 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	40	23	36	36	41	39	42	41	29	37	-
R614	23 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	39	23	36	36	41	39	42	41	29	36	-
R615	29 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	45	40	24	37	37	42	40	43	42	30	37	-
R617	3 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	46	40	25	37	37	42	41	44	42	30	39	-
R618	31 STAVELEY PDE, BLACKHEATH	Residential	NCA02	39	42	39	22	36	35	41	37	40	41	29	34	-
R619	5 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	45	40	24	37	37	42	41	44	42	30	38	-
R620	9 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	40	23	37	37	42	40	43	42	30	37	-
R621	15-15 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	40	23	37	37	42	40	43	42	30	37	-
R622	1 STURT ST, BLACKHEATH	Residential	NCA02	40	44	39	23	37	35	42	39	42	41	30	35	-
R623	9 STURT ST, BLACKHEATH	Residential	NCA02	42	46	41	25	40	38	44	41	44	43	32	37	-
R624	5-7 STURT ST, BLACKHEATH	Residential	NCA02	40	45	40	23	39	36	42	39	42	42	32	36	-
R625	15 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	44	27	45	42	47	43	46	47	37	41	-
R626	21 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	44	27	45	41	47	43	46	46	37	40	-
R627	21 THIRROUL AV, BLACKHEATH	Residential	NCA02	43	48	43	26	43	42	46	42	45	47	35	41	-
R628	32 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	45	28	48	40	48	43	46	45	40	40	-
R629	5 THIRROUL AV, BLACKHEATH	Residential	NCA01	44	48	44	27	44	39	47	42	45	45	36	39	-
R630	5 THIRROUL AV, BLACKHEATH	Residential	NCA01	42	47	42	25	42	38	45	40	44	43	34	38	-
R631	57 THIRROUL AV, BLACKHEATH	Residential	NCA02	40	45	39	23	41	36	44	39	42	41	33	34	-
R632	63 THIRROUL AV, BLACKHEATH	Residential	NCA02	38	43	38	21	38	34	41	37	40	40	30	34	-
R633	19-19 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	44	27	44	41	47	43	46	46	36	40	-
R634	40-50 THIRROUL AV, BLACKHEATH	Residential	NCA02	43	47	42	26	44	39	46	41	44	44	36	40	-
R635	65-67 THIRROUL AV, BLACKHEATH	Residential	NCA02	39	44	39	22	41	37	43	38	41	40	33	37	-
R636	1 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	47	44	27	41	41	45	43	45	46	34	44	-
R637	10 WARAGIL ST, BLACKHEATH	Residential	NCA02	49	53	52	35	46	53	52	48	51	52	40	52	-
R638	11 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	48	45	28	46	46	47	46	48	51	38	46	-
R639	12 WARAGIL ST, BLACKHEATH	Residential	NCA02	48	52	48	31	47	52	49	47	50	51	39	53	-
R640	15 WARAGIL ST, BLACKHEATH	Residential	NCA02	45												

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12	Additional management measures
			Residential:	Noticeable / Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	
			Non-residential:	Exceeds noise management level												
R657	5 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	50	46	29	44	45	48	45	48	50	37	44	-
R658	51 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	50	47	30	47	42	49	45	48	48	38	42	-
R659	52 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	46	29	45	41	50	43	46	46	38	40	-
R660	53 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	45	28	45	41	47	43	46	46	37	40	-
R661	54 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	44	27	43	38	47	41	44	45	35	38	-
R662	55 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	44	26	44	42	46	42	45	47	37	41	-
R663	56 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	50	46	29	46	40	49	44	47	47	38	39	-
R664	57 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	45	28	45	40	48	44	47	47	37	40	-
R665	58 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	47	45	28	42	39	45	41	44	46	35	38	-
R666	60 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	46	42	25	42	38	44	41	44	44	34	37	-
R667	61 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	44	27	44	40	46	42	45	45	36	39	-
R668	62 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	45	28	43	40	46	41	44	46	35	39	-
R669	65 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	47	41	24	42	38	44	41	44	43	34	37	-
R670	67 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	43	26	44	41	46	42	45	46	35	40	-
R671	69 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	46	42	25	42	37	44	41	44	43	34	37	-
R672	7 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	43	26	45	43	45	43	47	48	36	43	-
R673	71 WARAGIL ST, BLACKHEATH	Residential	NCA02	35	41	37	20	37	34	37	34	37	39	29	34	-
R674	73 WARAGIL ST, BLACKHEATH	Residential	NCA02	39	45	38	22	40	35	42	39	42	40	32	35	-
R675	9 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	52	48	31	48	47	49	48	51	52	41	45	-
R676	31-33 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	51	34	56	46	55	49	52	52	48	45	-
R677	38-40 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	50	45	28	47	42	49	44	47	47	40	39	-
R678	4-6 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	45	42	25	43	41	46	41	44	46	35	38	-
R679	63-65 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	44	27	45	39	47	43	46	45	37	39	-
R680	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02	44	48	45	28	40	43	44	43	46	46	32	43	-
R681	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02	34	38	34	17	32	33	35	33	36	38	24	35	-
R682	102 WENTWORTH ST, BLACKHEATH	Residential	NCA01	44	48	44	27	40	42	45	42	46	46	33	43	-
R683	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	46	29	44	43	44	44	48	47	36	44	-
R684	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	45	28	41	42	44	44	47	47	33	44	-
R685	104 WENTWORTH ST, BLACKHEATH	Residential	NCA01	38	42	41	24	34	39	40	37	40	43	27	40	-
R686	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02	38	42	41	24	42	42	40	38	41	47	35	43	-
R687	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02	40	43	44	27	42	43	44	43	46	47	35	43	-
R688	106 WENTWORTH ST, BLACKHEATH	Residential	NCA01	46	50	49	32	42	46	48	46	49	51	36	47	-
R689	108 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	46	50	47	30	42	46	48	45	49	51	36	47	-
R690	111 WENTWORTH ST, BLACKHEATH	Residential	NCA02	46	56	42	29	46	46	52	45	48	49	40	47	-
R691	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	55	41	33	46	41	51	48	51	45	39	46	-
R692	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	54	41	33	45	45	51	48	51	46	39	46	-
R693	118 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	48	52	48	31	42	46	48	47	50	50	36	47	-
R694	121 WENTWORTH ST, BLACKHEATH	Residential	NCA02	51	56	47	34	47	41	53	49	53	49	41	39	-
R695	122 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	41	45	44	27	36	41	42	43	46	46	29	43	-
R696	124 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	53	42	26	47	46	53	43	46	46	41	47	-
R697	126 WENTWORTH ST, BLACKHEATH	Residential	NCA01	49	55	42	32	46	41	51	47	50	44	39	47	-
R698	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02	54	59	52	37	47	49	57	55	58	55	45	47	N, V
R699	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02	55	59	54	38	49	50	56	56	59	57	44	43	N, V
R700	128 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	61	46	37	49	45	57	52	55	48	45	50	-
R701	129 WENTWORTH ST, BLACKHEATH	Residential	NCA02	58	62	56	41	47	50	56	56	59	57	44	49	N, V
R702	130 WENTWORTH ST, BLACKHEATH	Residential	NCA01	55	60	51	38	52	44	55	53	56	53	46	48	-
R703	131 WENTWORTH ST, BLACKHEATH	Residential	NCA02	51	55	50	34	44	49	60	52	55	53	48	50	N, V
R704	132 WENTWORTH ST, BLACKHEATH	Residential	NCA01	52	57	50	35	49	44	59	50	53	52	47	44	-
R705	133 WENTWORTH ST, BLACKHEATH	Residential	NCA02	54	56	54	37	53	51	59	55	58	56	47	52	N, V
R706	134 WENTWORTH ST, BLACKHEATH	Residential	NCA01	59	64	55	42	49	49	60	58	61	56	48	43	-
R707	135 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	57	55	39	54	51	57	54	57	56	47	51	N, V
R708	137 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	60	55	39	55	48	56	54	57	56	48	49	N, V
R709	140 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	59	44	54	55	62	59	62	60	50	52	N, V
R710	142 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	59	44	55	55	62	60	63	60	50	55	N, V
R711	144 WENTWORTH ST, BLACKHEATH	Residential	NCA01	62	67	60	45	57	55	63	61	64	61	50	56	N, V
R712	152 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	58	53	37	54	49	57	52	55	55	46	48	-
R713	154 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	58	53	37	55	48	57	52	55	54	47	48	-
R714	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	54	47	33	47	44	49	48	44	48	39	44	-
R715	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01	53	58	52	36	54	47	56	52	55	53	46	47	-
R716	157 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	54	50	33	54	45	57	48	51	51	46	45	N, V
R717	159 WENTWORTH ST, BLACKHEATH	Residential	NCA02	48	53	48	31	53	44	53	47	50	49	45	44	-
R718	160 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	55	49	33	52	44	55	49	52	50	44	43	-
R719	162 WENTWORTH ST, BLACKHEATH	Residential	NCA01	49	53	47	32	49	43	50	47	50	48	41	42	-
R720	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02	53	56	53	36	54	48	57	51	54	54	46	46	-
R721	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02	52	56	51	35	52	46	55	50	53	52	44	46	-
R722	164 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	51	47	30	51	44	52	45	48	49	43	41	-
R723	165 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02	50	54	49	33	48	46	51	48	51	51	40	46	-
R724	165 WENTWORTH ST, BLACKHEATH	Residential	NCA02	44	48	44	27	44	39	46	43	45	45	36	39	-
R725	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	53	46	30	47	43	50	45	48	47	39	42	-
R726	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	51	47	30	45	43	51	45	48	48	39	42	-
R727	168 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	54	48	33	47	44	52	48	52	50	40	44	-
R728	170 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	55	46	33	47	43	50	48	51	47	39	44	-
R729	172 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	50	45	28	46	40	48	43	47	45	37	39	-
R730	174 WENTWORTH ST, BLACKHEATH	Residential	NCA01	44	48	44	27	45	39	47	42	46	45	37	38	-
R731	175 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	42	25	41	38	45	41	43	43	33	37	-
R732	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	49	44	28	44	39	47	43	46	45	36	39	-
R733	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	49	44	28	44	39	47	43	46	45	36	39	-
R734	178 WENTWORTH ST, BLACKHEATH	Residential	NCA01	42	47	42	25	41	38	45	41	44	43	33	37	-
R735	179 WENTWORTH ST, BLACKHEATH	Residential	NCA02	41	44	41	24	41	37	45	39	42	42	33	37	-
R736	182 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	47	42	26	42	37	45	41	44	43	34	37	-
R737	183 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	41	35	19	35	32	37	35	38	37	27	32	-
R738	184 WENTWORTH ST, BLACKHEATH	Residential	NCA01	32	37	38	21	37	33	40	32	34	39	29	33	-
R739	185 WENTWORTH ST, BLACKHEATH	Residential	NCA02	37	41	36	20	35	33	38	36	38	38	27	33	-
R740	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01	41	45	41	24	40	37	43	39	42	42	32	36	-
R741	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	47	42	26	42	38	45	41	44	43	34	37	-
R742	187 WENTWORTH ST, BLACKHEATH	Residential	NCA02	35	39	34	18	32	31	36	34	36	36	24	31	-
R743	189 WENTWORTH ST, BLACKHEATH	Residential	NCA02	35	40	35	18	32	31	37	35	37	36	24	31	-
R744	191 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	40	35	18	32	31	37	35	37	36	25	31	-
R745	193 WENTWORTH ST, BLACKHEATH	Residential	NCA02	31	36	30	14	28	27	32	31	33	31	20	27	-
R746	194 WENTWORTH ST, BLACKHEATH	Residential	NCA01	31	36											

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS03	CS04	CS05	CS06	CS07	CS08	CS09	CS10	CS11	CS12	Additional management measures
			Residential:	Noticeable / Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	
			Non-residential: Exceeds noise management level													
R764	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01	46	49	48	31	41	45	47	45	48	50	35	46	-
R765	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	50	45	28	41	42	46	44	48	46	34	42	-
R766	99 WENTWORTH ST, BLACKHEATH	Residential	NCA02	45	49	45	28	41	44	45	44	47	47	33	46	-
R767	123-125 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02	55	59	54	38	51	49	57	55	57	56	45	41	N
R768	136-138 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	59	44	54	53	61	60	63	59	49	45	N, V
R769	141-151 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	60	51	39	56	50	59	54	57	55	48	49	N, V
R770	188-192 WENTWORTH ST, BLACKHEATH	Residential	NCA01	32	36	32	15	32	28	34	30	33	33	24	28	-
R771	22 WILLS LANE, BLACKHEATH	Residential	NCA02	39	45	39	22	36	36	42	39	42	41	30	37	-
R772	26 WILLS LANE, BLACKHEATH	Residential	NCA02	40	44	40	23	38	36	42	39	42	41	30	36	-
R773	16 WILLS ST, BLACKHEATH	Residential	NCA02	39	45	39	22	37	37	43	39	42	42	31	36	-
R774	22 WILLS ST, BLACKHEATH	Residential	NCA02	39	44	38	22	38	36	42	39	42	41	30	37	-
R775	10-10 WILLS ST, BLACKHEATH	Residential	NCA02	42	46	41	25	40	38	44	40	43	43	32	38	-
R776	6-10 WILLS ST, BLACKHEATH	Residential	NCA02	41	46	41	24	39	38	45	41	44	42	33	38	-
R778	1 WOMBAT ST, BLACKHEATH	Residential	NCA01	40	44	40	23	39	36	42	38	41	41	31	36	-
R779	10 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	47	41	25	42	37	45	40	43	42	34	36	-
R780	11 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	40	23	39	35	42	39	42	41	31	35	-
R781	12 WOMBAT ST, BLACKHEATH	Residential	NCA02	37	42	37	20	37	33	40	36	39	39	29	33	-
R782	16 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	41	24	40	36	43	40	43	41	32	36	-
R783	16 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	41	24	41	37	43	40	43	43	33	37	-
R784	17 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	40	23	39	35	42	38	41	41	31	35	-
R785	19 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	39	22	38	35	42	38	41	40	30	34	-
R786	2 WOMBAT ST, BLACKHEATH	Residential	NCA01	40	44	39	23	40	35	42	38	41	40	32	35	-
R787	20 WOMBAT ST, BLACKHEATH	Residential	NCA02	36	41	39	22	38	35	39	37	40	40	31	35	-
R788	21 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	44	40	23	40	36	43	39	42	42	32	36	-
R789	22 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	41	24	40	36	43	40	43	42	32	36	-
R790	25 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	45	40	24	41	35	43	39	42	41	33	35	-
R791	27 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	43	40	23	40	36	42	38	41	41	32	35	-
R792	29 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	39	23	39	35	42	38	41	41	31	35	-
R793	3 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	39	23	39	36	43	38	41	41	32	35	-
R794	31 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	46	39	24	40	36	44	40	42	42	33	35	-
R795	34 WOMBAT ST, BLACKHEATH	Residential	NCA02	43	48	41	26	43	38	47	42	43	43	35	37	-
R796	35 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	46	38	23	40	35	44	39	42	41	33	34	-
R797	4 WOMBAT ST, BLACKHEATH	Residential	NCA01	43	47	42	26	42	37	45	41	43	43	34	37	-
R798	5 WOMBAT ST, BLACKHEATH	Residential	NCA02	37	41	39	22	37	36	39	36	39	41	29	35	-
R799	5 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	38	22	38	34	42	37	40	39	31	33	-
R801	6 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	46	42	25	41	38	44	40	43	43	33	38	-
R802	8 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	46	41	25	41	37	44	39	42	42	33	36	-
R803	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	39	23	39	35	43	39	42	41	32	35	-
R804	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	38	43	39	22	38	36	41	38	41	41	30	35	-
R805	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	36	41	36	19	36	34	39	35	38	39	28	33	-
R806	26-26 WOMBAT ST, BLACKHEATH	Residential	NCA02	44	48	41	27	41	37	46	40	43	42	34	37	-
R807	6-8 YOUNG LANE, BLACKHEATH	Residential	NCA02	46	50	45	29	44	41	48	44	47	46	37	42	-
R808	28A BUNDARRA ST, BLACKHEATH	Residential	NCA02	35	39	36	19	31	32	37	34	37	37	25	33	-
R809	2A BUNDARRA ST, BLACKHEATH	Residential	NCA01	46	50	45	28	40	45	46	46	49	47	34	46	-
R810	11A CARYSFORT ST, BLACKHEATH	Residential	NCA02	41	45	40	24	33	37	42	40	43	41	30	38	-
R811	20A EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	46	42	25	42	40	46	43	46	45	34	33	-
R812	3A EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	45	44	27	44	43	49	43	46	48	37	39	-
R813	8A GOODDARE ST, BLACKHEATH	Residential	NCA02	40	45	41	24	41	37	46	40	43	42	34	37	-
R814	23A GORDON AV, BLACKHEATH	Residential	NCA02	38	42	38	21	38	34	44	41	43	42	32	30	-
R815	4A GORDON AV, BLACKHEATH	Residential	NCA02	31	34	31	14	27	27	31	29	32	32	21	26	-
R816	5A GORDON AV, BLACKHEATH	Residential	NCA02	42	46	42	25	35	39	44	42	45	44	32	39	-
R817	211A GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	50	46	29	41	45	47	45	48	50	35	46	-
R818	12A HAT HILL RD, BLACKHEATH	Residential	NCA02	49	53	49	32	52	44	56	48	51	49	44	44	-
R819	36A HAT HILL RD, BLACKHEATH	Residential	NCA02	34	41	34	17	35	33	37	36	38	38	27	33	-
R820	37A HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	40	24	40	36	44	40	43	42	32	36	-
R821	37A HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	41	25	41	38	44	41	44	43	33	37	-
R822	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02	44	48	42	27	44	37	47	42	45	43	36	37	-
R823	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02	45	49	42	28	44	38	48	43	46	43	37	38	-
R825	139A STATION ST, BLACKHEATH	Residential	NCA02	58	62	59	42	55	52	65	56	59	60	54	51	N, V
R826	141A STATION ST, BLACKHEATH	Residential	NCA01	61	65	62	45	77	55	69	59	62	62	69	54	N, V
R827	27A STAVELEY PDE, BLACKHEATH	Residential	NCA02	38	42	38	21	36	35	41	38	41	40	29	34	-
R828	14A WARAGIL ST, BLACKHEATH	Residential	NCA02	52	56	53	36	52	51	53	50	53	54	44	52	-
R829	198A WENTWORTH ST, BLACKHEATH	Residential	NCA01	37	41	37	20	36	33	39	34	38	38	28	33	-
R830	23A WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	40	23	41	36	43	39	42	41	33	36	-
R831	9A WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	38	22	39	35	42	38	41	40	31	35	-
R832	22B GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	44	49	46	29	43	46	46	45	48	51	35	47	-
R833	211B GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	47	51	48	32	43	46	49	46	49	50	37	47	-
R834	3B HAVILAND AV, BLACKHEATH	Residential	NCA02	51	55	52	35	45	53	53	52	55	57	41	65	N, V
R835	6B INCONSTANT ST, BLACKHEATH	Residential	NCA02	53	57	53	36	49	48	55	52	55	54	43	49	-
R836	8B INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	48	31	51	45	54	48	51	50	43	46	-
R837	60B THIRROUL AV, BLACKHEATH	Educational institute	NCA02	42	47	41	25	43	40	47	41	43	45	35	40	-
R838	1B WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	40	23	39	36	42	38	41	41	31	35	-

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected					
		Non-residential:	Exceeds noise management level									
R001	3 ABBOTT ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	44	45	-	
R002	1 BELLEVUE AV, BLACKHEATH	Residential	NCA02	45	49	29	40	46	43	46	PN	
R003	25 BELLEVUE AV, BLACKHEATH	Residential	NCA02	41	45	24	36	42	39	42	-	
R004	3 BELLEVUE AV, BLACKHEATH	Residential	NCA02	45	49	29	43	46	45	48	PN	
R005	4 BELLEVUE AV, BLACKHEATH	Residential	NCA02	41	43	26	41	49	43	46	PN	
R006	5 BELLEVUE AV, BLACKHEATH	Residential	NCA02	53	57	36	48	51	51	54	PN, V, SN, RO	
R007	9 BELLEVUE AV, BLACKHEATH	Residential	NCA02	46	51	30	44	48	47	49	PN	
R008	1 BRADLEY AV, BLACKHEATH	Residential	NCA01	55	59	39	64	62	53	56	PN	
R009	10 BRADLEY AV, BLACKHEATH	Residential	NCA02	48	51	32	54	54	46	49	PN	
R010	5 BRADLEY AV, BLACKHEATH	Residential	NCA02	56	60	41	62	61	54	57	PN, V, SN, RO	
R011	8 BRADLEY AV, BLACKHEATH	Residential	NCA02	49	51	32	58	57	47	50	PN, V, SN, RO	
R012	1-3 BRADLEY AV, BLACKHEATH	Residential	NCA01	59	63	42	67	67	57	60	PN, V, SN, RO	
R013	6-8 BRADLEY AV, BLACKHEATH	Residential	NCA02	55	58	38	59	56	53	56	PN, V, SN, RO	
R014	7-11 BRADLEY AV, BLACKHEATH	Residential	NCA02	49	53	32	54	59	48	51	PN, V, SN, RO	
R015	1 BUNDARRA ST, BLACKHEATH	Residential	NCA01	48	52	32	46	50	48	51	-	
R016	14 BUNDARRA ST, BLACKHEATH	Residential	NCA02	46	49	30	45	47	45	48	PN	
R017	16 BUNDARRA ST, BLACKHEATH	Residential	NCA02	36	39	19	33	35	34	37	-	
R018	18 BUNDARRA ST, BLACKHEATH	Residential	NCA02	38	42	21	37	39	37	40	-	
R019	2 BUNDARRA ST, BLACKHEATH	Residential	NCA01	52	56	35	45	51	52	55	PN	
R020	20 BUNDARRA ST, BLACKHEATH	Residential	NCA02	37	42	20	39	39	37	39	-	
R021	24 BUNDARRA ST, BLACKHEATH	Residential	NCA02	35	40	18	34	44	35	38	-	
R022	29 BUNDARRA ST, BLACKHEATH	Residential	NCA02	37	41	20	41	48	37	40	PN	
R023	3 BUNDARRA ST, BLACKHEATH	Residential	NCA02	49	53	33	49	53	48	51	PN	
R024	30 BUNDARRA ST, BLACKHEATH	Residential	NCA02	34	39	18	35	40	36	38	-	
R025	34 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	35	14	34	36	30	33	-	
R026	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	34	14	29	34	30	33	-	
R027	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	34	14	30	35	31	34	-	
R028	39 BUNDARRA ST, BLACKHEATH	Residential	NCA02	39	43	24	39	44	38	41	-	
R029	43 BUNDARRA ST, BLACKHEATH	Residential	NCA02	43	45	29	43	47	43	46	PN	
R030	45 BUNDARRA ST, BLACKHEATH	Residential	NCA02	42	43	26	40	44	40	43	-	
R031	5 BUNDARRA ST, BLACKHEATH	Residential	NCA02	50	54	35	48	53	49	52	PN	
R032	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	49	28	42	46	44	47	PN	
R033	6 BUNDARRA ST, BLACKHEATH	Place of worship	NCA02	44	49	27	41	45	44	47	-	
R034	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	49	29	43	46	44	47	PN	
R035	7 BUNDARRA ST, BLACKHEATH	Residential	NCA02	47	51	31	44	49	47	50	PN	
R037	8 BUNDARRA ST, BLACKHEATH	Residential	NCA02	44	48	27	40	46	42	45	PN	
R038	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	50	29	39	47	44	47	PN	
R039	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02	49	54	32	44	50	49	52	PN	
R040	1 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	26	38	46	42	44	PN	
R041	10 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	41	-	
R042	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02	38	42	21	34	39	37	39	-	
R043	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02	30	34	13	28	32	29	31	-	
R044	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02	42	46	25	38	43	41	44	-	
R045	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	37	40	39	42	-	
R046	15 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	35	39	39	42	-	
R047	16 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	30	35	34	37	-	
R048	2 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	27	43	47	42	45	PN	
R049	20 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	30	36	33	36	-	
R050	21 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	35	42	38	41	-	
R051	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	37	-	
R052	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	30	33	13	29	36	28	31	-	
R053	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	38	-	
R054	23 CARYSFORT ST, BLACKHEATH	Residential	NCA02	34	38	17	31	37	33	35	-	
R055	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	37	41	38	41	-	
R056	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	45	23	38	43	40	42	-	
R057	26 CARYSFORT ST, BLACKHEATH	Residential	NCA02	37	41	20	34	38	36	39	-	
R058	27 CARYSFORT ST, BLACKHEATH	Residential	NCA02	38	42	21	35	40	38	41	-	
R059	28 CARYSFORT ST, BLACKHEATH	Residential	NCA02	36	41	19	34	38	36	39	-	
R060	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	42	18	30	38	37	40	-	
R061	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	45	23	36	41	40	42	-	
R062	3 CARYSFORT ST, BLACKHEATH	Residential	NCA02	44	48	27	41	44	43	45	PN	
R063	30 CARYSFORT ST, BLACKHEATH	Residential	NCA02	33	39	16	27	32	35	38	-	
R064	31 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	44	23	37	43	39	42	-	
R065	33 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	36	40	38	40	-	
R066	35 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	35	41	38	41	-	
R067	4 CARYSFORT ST, BLACKHEATH	Residential	NCA02	42	47	25	41	43	41	43	PN	
R068	7 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	26	41	44	42	45	PN	
R069	8 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	44	23	40	42	39	41	-	
R071	4 CECIL RD, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	-	
R072	5 CECIL RD, BLACKHEATH	Residential	NCA02	38	43	21	38	41	37	40	-	
R073	1-3 CECIL RD, BLACKHEATH	Residential	NCA02	38	43	21	37	41	37	40	-	

											management measures
											-
											-
											-
											-
R079	64 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	37	43						-
					43	26	40	41	41	44	-
											-
R082	72 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	38	41	23	39	42			-
					44	26	40	41	41	44	-
											-
											-
R086	78 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	40	44	23	40	45			-
R087	80 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	39	43	22	40	45			-
											-
R089	21 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	42	-
											-
R091	23 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	-
											-
R093	27 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	-
R094	29 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	40	43	-
					42						-
					45	23	39	45	42	45	-
					43						-
											-
R100	34-36 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	38	43						-
R101	34-36 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	38	42						-
											-
											-
R105	1 CLYDE AV, BLACKHEATH	Residential	NCA02	52	54	35	49	56	52	55	PN, V, SN, RO
				44	48	28	46	49	46	50	PN
				45	48	28	48	49	44	47	PN
				46	50	30	46	50	46	49	PN
				47	51	31	46	51	46	49	PN
				49	53	33	47	52	53	56	PN, V, SN, RO
				50	53	33	49	52	50	53	PN
				52	54	36	49	53	52	55	PN
				46	50	30	47	48	46	50	PN
				45	50	28	45	49	46	49	PN
				47	51	31	46	46	48	51	PN
				44	49	28	46	51	46	49	PN
				44	48	28	46	48	46	49	PN
								44			-
				49	53	32	47	50	47	50	PN
				51	53	35	45	50	49	51	PN
				46	50	30	45	49	46	49	PN
				42	46	25	44	49	42	45	PN
				44	47	27	43	50	44	47	PN
							45	45			-
					46	26	44	45	41	45	PN
				43	45	26	47	48	42	45	PN
				46	48	29	46	49	44	47	PN
								44			-
				44	48	28	45	46	42	45	PN
					44	23	41	44	38	42	-
					44	24	42	43	40	43	-
				45	46	29	40	45	43	46	PN
				46	50	29	43	48	44	47	PN
				45	48	29	44	48	43	46	PN
				46	50	29	37	46	45	48	PN
				42	45	25	42	41	40	43	-
				43	47	26	41	45	41	44	PN
				42	46	25	41	46	41	45	-
				42	46	25	41	46	40	43	-
				45	49	28	36	46	44	48	PN
				43	45	26	37	47	45	48	PN
				45	52	28	40	53	49	52	PN
				42	46	25	40	44	40	43	-
R144	30 GARDINER CR, BLACKHEATH	Residential	NCA02	55	55	38	46	52	53	56	PN
R145	32 GARDINER CR, BLACKHEATH	Residential	NCA02	49	54	32	45	54	54	57	PN, V, SN, RO

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected	
			Non-residential:	Exceeds noise management level							
R146	37 GARDINER CR, BLACKHEATH	Passive recreation	NCA01	60	63	43	57	62	58	61	N
R147	8 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	42	45	42	45	-
R148	1 GOODARE ST, BLACKHEATH	Residential	NCA02	40	47	23	41	45	39	43	PN
R149	11 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	25	40	45	40	42	-
R150	12 GOODARE ST, BLACKHEATH	Residential	NCA02	37	42	21	40	44	35	38	-
R151	15 GOODARE ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	-
R152	16 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	-
R153	16 GOODARE ST, BLACKHEATH	Residential	NCA02	42	46	25	43	47	40	43	PN
R154	20 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	27	44	47	42	45	PN
R155	20 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	28	45	47	43	45	PN
R156	21 GOODARE ST, BLACKHEATH	Residential	NCA02	44	48	27	43	46	42	45	PN
R157	22 GOODARE ST, BLACKHEATH	Residential	NCA02	44	48	27	45	47	42	45	PN
R158	25 GOODARE ST, BLACKHEATH	Residential	NCA02	42	46	25	43	46	41	44	-
R159	26 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	26	44	46	42	45	PN
R160	4 GOODARE ST, BLACKHEATH	Residential	NCA02	41	45	24	42	45	40	43	-
R161	8 GOODARE ST, BLACKHEATH	Residential	NCA02	41	45	25	42	46	40	43	-
R162	17-19 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	26	43	46	41	44	PN
R163	3-5 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	24	42	44	40	43	-
R164	10 GORDON AV, BLACKHEATH	Residential	NCA02	40	44	23	33	38	38	41	-
R165	14 GORDON AV, BLACKHEATH	Residential	NCA02	39	43	22	33	41	37	40	-
R166	15 GORDON AV, BLACKHEATH	Residential	NCA02	35	43	22	31	40	39	42	-
R167	16 GORDON AV, BLACKHEATH	Residential	NCA02	39	43	22	31	38	39	41	-
R168	17 GORDON AV, BLACKHEATH	Residential	NCA02	34	38	18	35	37	37	40	-
R169	19 GORDON AV, BLACKHEATH	Residential	NCA02	36	40	20	41	41	39	42	-
R170	22 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	36	40	35	38	-
R171	24 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	41	39	35	38	-
R172	27 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	40	42	34	37	-
R173	29 GORDON AV, BLACKHEATH	Residential	NCA02	40	42	23	41	45	38	41	-
R174	3 GORDON AV, BLACKHEATH	Residential	NCA02	41	45	25	40	43	39	42	-
R175	30 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	15	39	37	33	36	-
R176	30 GORDON AV, BLACKHEATH	Residential	NCA02	33	35	16	35	36	31	34	-
R177	35 GORDON AV, BLACKHEATH	Residential	NCA02	36	40	21	37	41	34	37	-
R178	40 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	15	31	34	31	34	-
R179	40 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	16	30	36	31	34	-
R180	41 GORDON AV, BLACKHEATH	Residential	NCA02	35	39	19	34	37	33	37	-
R181	7 GORDON AV, BLACKHEATH	Residential	NCA02	38	42	21	32	38	37	40	-
R182	8 GORDON AV, BLACKHEATH	Residential	NCA02	36	41	19	33	35	35	38	-
R183	9 GORDON AV, BLACKHEATH	Residential	NCA02	41	45	25	40	44	41	44	-
R184	18-20 GORDON AV, BLACKHEATH	Residential	NCA02	34	38	18	39	37	37	40	-
R185	31-33 GORDON AV, BLACKHEATH	Residential	NCA02	38	41	21	41	43	37	40	-
R186	100 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	42	38	41	-
R187	102 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	22	37	42	37	40	-
R188	106 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	32	36	15	32	36	30	33	-
R189	108 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	-
R190	20 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	43	47	29	40	45	45	48	-
R191	35 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	41	45	26	43	48	40	43	-
R192	36 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	43	47	26	48	49	41	44	-
R193	46 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	37	45	20	40	47	35	38	-
R194	52 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	34	46	17	42	44	32	36	-
R195	54 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	47	51	30	43	48	45	48	-
R196	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	23	40	45	37	40	-
R197	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	33	43	16	37	40	31	34	-
R198	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	50	27	42	46	42	45	PN
R199	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	47	26	40	45	41	44	PN
R200	63 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	37	47	22	40	45	35	38	PN
R201	64 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	45	49	28	42	47	43	46	PN
R202	65 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	47	21	39	44	37	39	PN
R203	66 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	25	41	44	40	43	PN
R204	67 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	48	24	40	45	40	43	PN
R205	68 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	26	41	44	41	44	PN
R206	69 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	48	25	40	45	41	44	PN
R207	70 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	47	26	41	45	41	44	PN
R208	71 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	25	39	44	40	43	PN
R209	72 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	50	27	41	46	42	45	PN
R210	73 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	39	42	-
R211	75 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	39	42	-
R212	76 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	45	50	27	41	46	43	46	PN
R213	77 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	40	43	-
R214	77 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	32	43	16	37	41	34	36	-
R215	78 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	47	24	39	43	39	42	PN
R216	79 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	42	21	35	40	36	39	-

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R217	8 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	55	60	40	47	57	55	59	-
R218	81 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	44	21	38	41	36	39	-
R219	82 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	48	27	40	45	42	45	PN
R220	83 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	39	42	-
R221	84 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	-
R222	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	36	40	19	35	39	34	37	-
R223	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	43	38	41	-
R224	89 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	-
R225	90 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	44	22	38	43	37	40	-
R226	91 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	-
R227	92 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	22	38	43	37	40	-
R228	94 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	37	41	20	37	41	36	39	-
R229	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	35	39	18	33	37	33	36	-
R230	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	33	37	16	31	36	31	34	-
R231	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	35	39	18	36	40	33	36	-
R232	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	-
R233	102-104 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	40	43	-
R234	15-17 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	45	49	28	39	46	44	47	-
R235	19-25 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	45	49	29	38	47	45	48	-
R236	27-29 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	43	47	31	46	45	47	50	-
R237	32-34 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	42	49	26	46	46	41	44	-
R238	32-34 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	48	26	46	51	42	44	PN
R239	40-42 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	41	46	25	45	50	41	43	-
R240	43-45 GOVETTS LEAP RD, BLACKHEATH	Place of worship	NCA02	42	46	25	43	48	39	42	-
R241	55-55 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	49	23	42	46	37	40	PN
R242	85-87 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	46	23	37	42	38	41	-
R243	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	38	42	22	35	40	36	39	-
R244	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	38	42	21	35	40	36	41	-
R245	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	47	51	30	42	48	45	48	-
R246	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	43	48	26	40	45	42	46	-
R247	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	47	51	30	43	48	46	49	-
R248	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	41	46	43	48	-
R249	213 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	48	27	40	45	42	46	-
R250	215 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	49	53	32	44	50	48	52	-
R251	220 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	68	75	51	57	67	71	74	N
R252	228 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	49	53	32	44	50	48	52	-
R253	235 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	51	55	34	45	52	50	54	-
R254	263 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	71	77	54	61	71	70	73	N
R255	264 GREAT WESTERN HWY, BLACKHEATH	Industrial	NCA01	84	95	66	60	74	99	102	N
R256	265 GREAT WESTERN HWY, BLACKHEATH	Passive recreation	NCA01	67	71	50	67	72	65	68	N
R257	277 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	55	59	38	57	58	53	56	PN
R258	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	54	58	37	52	55	52	55	PN
R259	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	53	58	36	56	57	51	55	PN
R260	284 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	51	55	34	54	56	49	52	PN
R261	286 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	50	55	33	52	54	48	52	-
R262	287 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	49	53	32	49	52	47	50	-
R263	288 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	50	29	47	49	44	47	-
R264	291 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	47	52	30	46	49	45	49	-
R265	293 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	51	29	45	48	44	48	-
R266	294 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	43	46	43	46	-
R267	297 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	42	45	42	45	-
R268	298 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	42	46	42	46	-
R269	299 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	-
R270	300 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	43	48	26	42	45	41	45	-
R271	301 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	41	46	24	41	44	40	43	-
R272	302 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	38	43	21	35	40	36	40	-
R273	194-196 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	48	27	40	45	43	45	-
R274	195-195 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	42	46	25	38	44	40	43	-
R275	197-199 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	42	46	26	38	43	40	43	-
R276	197-199 GREAT WESTERN HWY, BLACKHEATH	Active recreation	NCA01	41	45	24	37	42	39	43	-
R277	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	44	48	31	41	45	43	47	-
R278	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	52	31	42	49	47	50	-
R279	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	51	55	34	46	52	50	54	-
R280	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	52	31	43	49	48	51	-
R281	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	46	50	30	42	48	47	50	-
R282	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	53	31	44	50	48	52	-
R283	240-244 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	60	64	43	50	60	61	65	-
R284	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	51	56	34	54	54	49	53	PN
R285	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	54	58	37	52	57	52	55	PN
R286	289-290 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	49	53	32	48	51	47	50	-
R287	295-296 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	43	46	42	46	-

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		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected					
		Non-residential:	Exceeds noise management level									
R288	10 HAT HILL RD, BLACKHEATH	Residential	NCA01	55	59	38	51	59	53	56	PN	
R289	11 HAT HILL RD, BLACKHEATH	Residential	NCA02	53	56	36	50	55	51	54	PN	
R290	12 HAT HILL RD, BLACKHEATH	Residential	NCA02	50	55	33	50	56	49	51	PN	
R291	14 HAT HILL RD, BLACKHEATH	Residential	NCA02	49	54	32	51	53	48	51	PN	
R292	16 HAT HILL RD, BLACKHEATH	Residential	NCA02	49	53	32	50	52	48	51	PN	
R293	18 HAT HILL RD, BLACKHEATH	Residential	NCA02	48	52	31	49	53	47	50	PN	
R294	19 HAT HILL RD, BLACKHEATH	Residential	NCA02	46	50	29	41	48	46	49	PN	
R295	21 HAT HILL RD, BLACKHEATH	Residential	NCA02	38	42	21	36	39	40	43	-	
R296	21 HAT HILL RD, BLACKHEATH	Residential	NCA02	45	49	28	42	45	43	47	PN	
R297	22 HAT HILL RD, BLACKHEATH	Residential	NCA02	46	50	29	44	48	45	48	PN	
R298	24 HAT HILL RD, BLACKHEATH	Residential	NCA02	44	48	27	36	45	44	46	PN	
R299	26 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	34	44	43	45	PN	
R300	27 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	45	26	38	44	41	44	-	
R301	27 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	46	26	41	44	42	45	-	
R302	28 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	34	43	43	46	PN	
R303	3 HAT HILL RD, BLACKHEATH	Residential	NCA02	51	55	34	55	58	50	53	PN, V, SN, RO	
R304	30 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	30	41	42	45	-	
R305	31 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	41	45	41	44	-	
R306	32 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	35	42	42	44	-	
R307	34 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	38	44	43	45	PN	
R308	36 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	34	41	41	43	-	
R309	38 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	22	29	39	40	43	-	
R310	39 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	40	45	41	44	-	
R311	40 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	23	34	42	41	44	-	
R312	42 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	45	22	37	42	40	43	-	
R313	44 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	43	-	
R314	45 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	37	41	39	42	-	
R315	45 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	-	
R316	48 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	37	43	41	43	-	
R317	49 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	37	43	40	43	-	
R318	50 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	40	43	-	
R319	52 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	43	-	
R320	52 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	45	23	38	41	40	43	-	
R321	53 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	37	41	39	43	-	
R322	54 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	36	42	39	42	-	
R323	55 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	43	-	
R324	55 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	-	
R325	56 HAT HILL RD, BLACKHEATH	Residential	NCA02	38	43	21	35	40	38	40	-	
R326	58 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	45	23	38	43	40	42	-	
R327	60 HAT HILL RD, BLACKHEATH	Residential	NCA02	37	42	20	29	40	37	40	-	
R328	62 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	41	-	
R329	66 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	34	40	37	40	-	
R330	66 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	37	41	38	41	-	
R331	68 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	21	37	41	38	41	-	
R332	9 HAT HILL RD, BLACKHEATH	Residential	NCA02	53	57	36	50	52	51	54	PN, V, SN, RO	
R333	2-8 HAT HILL RD, BLACKHEATH	Place of worship	NCA01	56	61	39	58	60	55	58	N	
R334	2-8 HAT HILL RD, BLACKHEATH	Residential	NCA01	58	61	40	60	61	55	58	PN	
R336	2 HAVILAND AV, BLACKHEATH	Residential	NCA02	49	53	32	44	51	47	50	PN	
R338	4 HAVILAND AV, BLACKHEATH	Residential	NCA02	53	57	36	48	54	52	55	PN, V, SN, RO	
R340	6 HAVILAND AV, BLACKHEATH	Residential	NCA02	52	56	36	47	52	51	54	PN, V, SN, RO	
R342	8 HAVILAND AV, BLACKHEATH	Residential	NCA02	51	56	34	47	52	59	62	PN, V, SN, RO	
R343	9 HAVILAND AV, BLACKHEATH	Residential	NCA02	51	56	35	46	53	50	53	PN	
R344	20 HELVETIA RD, BLACKHEATH	Residential	NCA02	33	38	16	33	39	34	37	-	
R345	11-27 HELVETIA RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	-	
R346	1 HYDORA LANE, BLACKHEATH	Residential	NCA02	43	51	26	46	53	41	44	PN	
R347	20 HYDORA LANE, BLACKHEATH	Residential	NCA01	53	58	36	47	52	51	54	PN	
R348	20 HYDORA LANE, BLACKHEATH	Commercial	NCA01	64	69	47	55	63	64	67	-	
R349	10 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	31	50	54	48	51	PN	
R350	12 INCONSTANT ST, BLACKHEATH	Residential	NCA02	49	53	33	50	54	48	51	PN	
R351	14 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	34	47	54	47	50	PN	
R352	15 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	31	47	51	48	50	PN	
R353	2 INCONSTANT ST, BLACKHEATH	Residential	NCA02	50	57	33	49	52	52	55	PN	
R354	21 INCONSTANT ST, BLACKHEATH	Residential	NCA02	45	49	28	42	45	45	48	PN	
R355	25 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	45	19	36	37	41	43	-	
R356	27 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	33	36	-	
R357	31 INCONSTANT ST, BLACKHEATH	Residential	NCA02	28	32	13	30	33	27	30	-	
R358	35 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	35	38	34	37	-	
R359	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	39	18	32	37	33	36	-	
R360	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02	37	42	20	33	39	36	39	-	
R361	4 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	36	47	55	49	52	PN	
R362	40 INCONSTANT ST, BLACKHEATH	Residential	NCA02	38	42	21	38	38	37	40	-	

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			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R363	41 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	14	31	33	30	32	-
R364	42 INCONSTANT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	41	38	41	-
R365	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	18	32	37	34	37	-
R366	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	-
R367	44 INCONSTANT ST, BLACKHEATH	Residential	NCA02	33	39	16	32	35	34	36	-
R368	46 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	14	31	34	29	32	-
R369	47 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	41	19	33	38	35	38	-
R370	48 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	38	19	33	38	33	35	-
R371	50 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	16	33	36	30	32	-
R372	51 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	34	36	34	37	-
R373	52 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	37	18	34	38	32	35	-
R374	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02	27	31	11	27	31	25	28	-
R375	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02	32	36	17	33	36	32	35	-
R376	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	34	38	34	37	-
R377	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	32	37	34	37	-
R378	16-18 INCONSTANT ST, BLACKHEATH	Residential	NCA02	51	54	34	50	53	49	52	PN
R379	38-38 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	32	37	33	36	-
R380	9-13 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	31	50	50	47	50	PN
R381	1 KAMILAROI ST, BLACKHEATH	Residential	NCA02	40	45	24	38	43	39	42	-
R382	5 KAMILAROI ST, BLACKHEATH	Residential	NCA02	41	44	24	38	43	39	42	-
R383	9 KAMILAROI ST, BLACKHEATH	Residential	NCA02	40	44	23	39	43	40	43	-
R384	15 KANIMBLA RD, BLACKHEATH	Residential	NCA02	41	45	24	41	44	39	42	-
R385	17 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	-
R386	19 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	23	39	43	38	42	-
R387	21 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	-
R388	23 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	-
R389	25 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	23	39	42	38	41	-
R390	26 KANIMBLA RD, BLACKHEATH	Residential	NCA02	38	43	21	37	41	37	40	-
R391	3 KANIMBLA RD, BLACKHEATH	Residential	NCA02	43	47	26	42	47	42	45	PN
R392	5 KANIMBLA RD, BLACKHEATH	Residential	NCA02	42	47	26	42	46	41	44	PN
R393	9 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	44	23	40	43	40	43	-
R394	11 KENNEDY ST, BLACKHEATH	Residential	NCA02	41	45	24	39	43	42	45	-
R395	7 KENNEDY ST, BLACKHEATH	Residential	NCA02	40	44	24	38	43	39	43	-
R396	25 KUBYA ST, BLACKHEATH	Residential	NCA02	42	47	25	39	44	43	46	PN
R397	30 KUBYA ST, BLACKHEATH	Residential	NCA02	44	49	27	39	46	44	47	PN
R398	32 KUBYA ST, BLACKHEATH	Residential	NCA02	40	44	23	33	40	40	43	-
R399	5 KUBYA ST, BLACKHEATH	Residential	NCA02	36	40	20	35	38	35	38	-
R401	7 KUBYA ST, BLACKHEATH	Residential	NCA02	39	43	23	39	43	38	41	-
R402	7 KUBYA ST, BLACKHEATH	Residential	NCA02	39	43	23	36	41	39	42	-
R403	9 KUBYA ST, BLACKHEATH	Residential	NCA02	41	46	24	37	42	42	45	-
R404	1 KUNDBAR ST, BLACKHEATH	Residential	NCA02	42	47	26	40	44	41	44	PN
R405	27 KUNDBAR ST, BLACKHEATH	Residential	NCA02	33	37	16	32	35	33	36	-
R406	3 KUNDBAR ST, BLACKHEATH	Residential	NCA02	39	43	22	35	41	39	42	-
R407	3 KUNDBAR ST, BLACKHEATH	Residential	NCA02	40	44	23	35	43	40	43	-
R408	7 KUNDBAR ST, BLACKHEATH	Residential	NCA02	40	44	23	37	41	41	44	-
R409	27 LAKEVIEW AV, BLACKHEATH	Residential	NCA02	32	36	15	30	37	31	35	-
R410	1 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	43	47	26	39	44	41	45	PN
R411	10 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	37	-
R412	14 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	37	-
R413	16 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	36	-
R414	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	37	39	20	38	43	33	36	-
R415	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	37	17	38	42	31	34	-
R416	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	36	16	37	42	30	33	-
R417	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	36	16	38	43	31	33	-
R418	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	34	45	18	38	42	32	35	-
R419	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	42	31	33	-
R420	26 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	30	34	13	33	37	28	31	-
R421	26 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	31	42	15	37	40	29	32	-
R422	28 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	30	41	14	36	39	29	31	-
R423	3 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	38	42	22	33	41	36	40	-
R424	30 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	31	41	15	36	39	29	32	-
R425	32 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	42	30	33	-
R426	38 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	44	16	37	42	30	33	-
R427	40 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	41	36	34	-
R428	42 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	39	43	22	36	41	37	40	-
R429	5 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	39	22	37	40	38	41	-
R430	7 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	38	41	25	38	40	40	43	-
R431	20 MINYAGO ST, BLACKHEATH	Residential	NCA02	32	36	15	31	34	31	34	-
R432	22 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	40	18	31	36	33	37	-
R433	23 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	19	36	38	35	38	-
R434	24 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	38	18	34	37	34	37	-

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R435	25 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	42	20	38	39	37	40	-
R436	27 MINYAGO ST, BLACKHEATH	Residential	NCA02	38	42	21	37	40	37	40	-
R437	28 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	43	20	35	39	37	40	-
R438	30 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	41	20	35	39	36	39	-
R439	33 MINYAGO ST, BLACKHEATH	Residential	NCA02	38	41	21	35	40	36	39	-
R440	33 MINYAGO ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	-
R441	35 MINYAGO ST, BLACKHEATH	Residential	NCA02	41	45	24	38	43	40	43	-
R442	37 MINYAGO ST, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	-
R443	4 MINYAGO ST, BLACKHEATH	Residential	NCA02	36	40	19	35	38	36	38	-
R444	6 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	18	32	37	33	36	-
R445	8 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	38	-
R446	10-12 MINYAGO ST, BLACKHEATH	Residential	NCA02	30	35	14	27	32	30	33	-
R447	1 MURRI ST, BLACKHEATH	Residential	NCA01	52	54	36	60	54	48	51	PN
R449	10 MURRI ST, BLACKHEATH	Residential	NCA02	53	56	37	56	55	51	54	PN
R450	12 MURRI ST, BLACKHEATH	Residential	NCA02	50	54	33	58	53	48	51	PN, V, SN, RO
R451	2 MURRI ST, BLACKHEATH	Residential	NCA01	57	62	40	65	63	56	59	PN
R452	20 MURRI ST, BLACKHEATH	Residential	NCA02	48	51	31	52	50	46	49	PN
R453	22 MURRI ST, BLACKHEATH	Residential	NCA02	45	49	29	40	48	44	47	PN
R454	24 MURRI ST, BLACKHEATH	Residential	NCA02	47	51	30	47	49	46	49	PN
R455	26 MURRI ST, BLACKHEATH	Residential	NCA02	41	45	25	45	46	40	43	-
R456	26 MURRI ST, BLACKHEATH	Residential	NCA02	44	48	27	41	48	43	46	PN
R457	30 MURRI ST, BLACKHEATH	Residential	NCA02	40	44	24	37	45	40	43	-
R458	34 MURRI ST, BLACKHEATH	Residential	NCA02	38	42	21	37	42	37	40	-
R459	8 MURRI ST, BLACKHEATH	Residential	NCA02	52	57	36	56	58	51	53	PN, V, SN, RO
R460	8 MURRI ST, BLACKHEATH	Residential	NCA02	51	56	35	55	59	49	52	PN, V, SN, RO
R461	24 NIXON LANE, BLACKHEATH	Residential	NCA02	33	44	17	38	42	31	34	-
R462	1 PARK AV, BLACKHEATH	Residential	NCA02	49	54	32	46	51	48	51	PN
R463	1 PARK AV, BLACKHEATH	Residential	NCA02	45	49	28	45	49	43	46	PN
R464	10 PARK AV, BLACKHEATH	Residential	NCA02	47	51	30	43	48	46	49	PN
R465	12 PARK AV, BLACKHEATH	Residential	NCA02	51	55	33	41	49	49	51	PN
R466	14 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	43	44	46	49	PN
R467	15 PARK AV, BLACKHEATH	Residential	NCA02	44	48	27	42	47	42	45	PN
R468	16 PARK AV, BLACKHEATH	Residential	NCA02	40	44	25	40	45	42	45	-
R469	17 PARK AV, BLACKHEATH	Residential	NCA02	42	46	25	40	45	40	43	-
R470	2 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	47	51	45	48	PN
R471	21 PARK AV, BLACKHEATH	Residential	NCA02	35	39	18	39	38	33	36	-
R472	23 PARK AV, BLACKHEATH	Residential	NCA02	41	45	24	40	45	39	42	-
R473	25 PARK AV, BLACKHEATH	Residential	NCA02	42	46	25	40	45	40	43	-
R474	27 PARK AV, BLACKHEATH	Residential	NCA02	33	37	16	29	34	31	34	-
R475	29 PARK AV, BLACKHEATH	Residential	NCA02	37	41	20	38	42	35	38	-
R476	3 PARK AV, BLACKHEATH	Residential	NCA02	49	53	32	45	51	47	50	PN
R477	33 PARK AV, BLACKHEATH	Residential	NCA02	39	44	22	39	43	37	40	-
R478	35 PARK AV, BLACKHEATH	Residential	NCA02	39	43	22	38	42	37	40	-
R479	39 PARK AV, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	-
R480	4 PARK AV, BLACKHEATH	Residential	NCA02	49	53	32	44	50	47	51	PN
R481	41 PARK AV, BLACKHEATH	Residential	NCA02	38	43	21	37	41	36	39	-
R482	5 PARK AV, BLACKHEATH	Residential	NCA02	46	50	29	44	49	44	47	PN
R483	6 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	42	51	46	49	PN
R484	7 PARK AV, BLACKHEATH	Residential	NCA02	45	49	28	43	48	43	46	PN
R485	8 PARK AV, BLACKHEATH	Residential	NCA02	48	53	31	42	50	47	50	PN
R486	9 PARK AV, BLACKHEATH	Educational institute	NCA02	38	42	21	37	41	36	39	-
R487	26-50 PARK AV, BLACKHEATH	Active recreation	NCA02	40	44	23	41	45	39	43	-
R488	9-11 PARK AV, BLACKHEATH	Educational institute	NCA02	41	45	24	38	44	39	42	-
R489	38 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	36	41	38	41	-
R490	40 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	39	44	22	36	41	37	40	-
R491	42 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	45	23	37	41	38	41	-
R492	51 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	-
R493	52 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	38	42	22	37	42	36	39	-
R494	54 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	38	41	-
R495	55 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	-
R496	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	45	23	37	42	38	41	-
R497	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	38	43	21	37	41	38	41	-
R498	57 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	-
R499	59 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	-
R500	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	43	-
R501	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	43	-
R502	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	-
R503	77 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	43	50	26	40	48	44	47	PN
R504	81 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	39	47	22	36	43	41	44	PN
R505	83 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	37	45	20	35	42	39	42	-
R506	85 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	32	38	15	33	40	34	37	-

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R507	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	41	45	24	37	42	39	42	-
R508	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	41	45	24	38	43	39	42	-
R509	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	-
R511	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	37	41	20	35	39	38	41	-
R512	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	40	45	23	38	42	39	42	-
R513	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	41	45	24	39	44	40	43	-
R514	90-92 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	44	47	27	41	44	42	45	PN
R515	10 RAILWAY AV, BLACKHEATH	Residential	NCA02	58	62	42	50	61	56	59	PN, V, SN, RO, RP, DR
R516	12 RAILWAY AV, BLACKHEATH	Residential	NCA02	56	56	39	48	53	54	57	PN, V, SN, RO
R517	14 RAILWAY AV, BLACKHEATH	Residential	NCA02	57	60	41	50	59	55	58	PN, V, SN, RO
R518	2 RAILWAY AV, BLACKHEATH	Residential	NCA01	66	70	50	58	67	65	68	PN, V, SN, RO, RP, DR
R519	4 RAILWAY AV, BLACKHEATH	Residential	NCA02	61	64	45	49	63	59	62	PN, V, SN, RO, RP, DR
R520	7 RAILWAY AV, BLACKHEATH	Residential	NCA02	61	64	45	57	60	59	62	PN, V, SN, RO, RP, DR
R521	8 RAILWAY AV, BLACKHEATH	Residential	NCA02	60	63	43	50	61	58	61	PN, V, SN, RO, RP, DR
R522	9 RAILWAY AV, BLACKHEATH	Residential	NCA02	58	62	41	56	64	56	59	PN, V, SN, RO
R523	1 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	51	53	35	50	52	50	53	PN
R524	3 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	49	52	33	51	51	49	52	PN
R525	5 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	48	50	31	49	49	47	50	PN
R526	7 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	48	51	31	45	49	46	49	PN
R527	5 RYDER LANE, BLACKHEATH	Residential	NCA02	39	44	22	39	42	38	41	-
R528	1 RYDER ST, BLACKHEATH	Residential	NCA02	38	43	22	38	41	38	41	-
R529	11 RYDER ST, BLACKHEATH	Residential	NCA02	41	45	24	40	42	39	42	-
R530	5 RYDER ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	-
R531	5 RYDER ST, BLACKHEATH	Residential	NCA02	39	43	23	38	41	38	41	-
R532	9 RYDER ST, BLACKHEATH	Residential	NCA02	41	45	24	39	42	39	43	-
R533	10 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	-
R534	11 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	44	43	46	-
R536	14 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	47	25	39	44	42	45	-
R537	14 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	-
R538	17 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	41	44	-
R539	18 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	41	44	-
R540	19 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	39	43	40	43	-
R541	24 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	44	-
R542	26 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	-
R543	26 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	-
R544	3 SHIPLEY RD, BLACKHEATH	Residential	NCA02	43	47	26	39	44	43	46	PN
R545	30 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	43	41	44	-
R546	32 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	41	44	-
R547	34 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	-
R548	36 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	-
R549	38 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	-
R550	4 SHIPLEY RD, BLACKHEATH	Residential	NCA02	43	47	26	38	43	43	46	PN
R551	42 SHIPLEY RD, BLACKHEATH	Residential	NCA02	40	44	23	37	42	40	43	-
R552	44 SHIPLEY RD, BLACKHEATH	Residential	NCA02	38	42	21	35	40	37	40	-
R553	6 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	-
R554	8 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	45	48	PN
R555	27-29 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	-
R556	46-48 SHIPLEY RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	-
R557	104 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	46	47	49	-
R558	107 STATION ST, BLACKHEATH	Residential	NCA01	46	50	29	41	47	45	48	-
R559	107 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	46	44	46	-
R560	111 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	40	46	45	48	-
R561	112 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	41	47	46	48	-
R562	114 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	43	49	48	51	-
R563	114 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	42	47	48	51	-
R564	117 STATION ST, BLACKHEATH	Residential	NCA01	46	51	29	42	47	47	50	-
R565	118 STATION ST, BLACKHEATH	Residential	NCA01	50	54	33	45	51	50	53	-
R566	120 STATION ST, BLACKHEATH	Residential	NCA01	44	50	27	37	43	46	49	-
R567	123 STATION ST, BLACKHEATH	Commercial	NCA01	54	59	37	47	54	54	57	-
R568	124 STATION ST, BLACKHEATH	Commercial	NCA01	58	63	41	49	58	60	63	-
R569	124 STATION ST, BLACKHEATH	Commercial	NCA01	57	61	40	49	57	59	62	-
R570	133 STATION ST, BLACKHEATH	Commercial	NCA01	66	70	50	56	66	66	69	N
R571	134 STATION ST, BLACKHEATH	Commercial	NCA01	63	67	47	55	63	63	66	-
R572	138 STATION ST, BLACKHEATH	Commercial	NCA02	66	69	50	61	68	64	67	N
R573	139 STATION ST, BLACKHEATH	Residential	NCA02	64	68	49	63	69	63	66	PN, V, SN, RO, RP, DR
R574	140 STATION ST, BLACKHEATH	Commercial	NCA02	62	65	46	65	68	60	63	-
R575	146 STATION ST, BLACKHEATH	Residential	NCA01	55	56	38	58	59	51	53	PN
R576	147 STATION ST, BLACKHEATH	Residential	NCA01	52	57	35	54	56	51	54	PN
R577	148 STATION ST, BLACKHEATH	Residential	NCA01	47	52	30	50	52	46	50	-
R578	149 STATION ST, BLACKHEATH	Residential	NCA01	50	55	33	55	54	48	52	-
R579	150 STATION ST, BLACKHEATH	Residential	NCA02	41	46	24	45	44	39	43	-

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R580	151 STATION ST, BLACKHEATH	Residential	NCA01	52	57	35	53	55	50	53	PN
R581	153 STATION ST, BLACKHEATH	Residential	NCA01	50	55	33	51	53	48	52	-
R582	154 STATION ST, BLACKHEATH	Residential	NCA01	49	53	32	49	51	47	50	-
R583	155 STATION ST, BLACKHEATH	Residential	NCA01	46	51	29	47	49	44	48	-
R584	156 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	47	50	46	50	-
R585	157 STATION ST, BLACKHEATH	Residential	NCA01	47	51	30	47	50	45	48	-
R586	158 STATION ST, BLACKHEATH	Residential	NCA01	47	52	30	46	49	45	49	-
R587	160 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	47	50	46	48	-
R588	161 STATION ST, BLACKHEATH	Residential	NCA01	45	50	28	45	47	43	47	-
R589	162 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	43	47	43	46	-
R590	163 STATION ST, BLACKHEATH	Residential	NCA01	38	42	21	37	41	36	39	-
R591	164 STATION ST, BLACKHEATH	Residential	NCA01	41	45	24	40	43	39	42	-
R592	165 STATION ST, BLACKHEATH	Residential	NCA01	41	45	24	42	43	39	42	-
R593	165 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	-
R595	170 STATION ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	43	-
R596	171 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	-
R597	172 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	-
R598	173 STATION ST, BLACKHEATH	Residential	NCA02	40	44	23	39	43	38	41	-
R599	174 STATION ST, BLACKHEATH	Residential	NCA01	39	44	22	38	42	37	40	-
R600	174 STATION ST, BLACKHEATH	Residential	NCA01	39	43	22	38	41	38	41	-
R602	95 STATION ST, BLACKHEATH	Residential	NCA02	42	47	25	38	43	44	47	PN
R603	96 STATION ST, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	-
R604	97 STATION ST, BLACKHEATH	Residential	NCA02	41	45	24	36	42	41	44	-
R605	98 STATION ST, BLACKHEATH	Residential	NCA02	40	45	24	34	40	40	43	-
R606	99 STATION ST, BLACKHEATH	Residential	NCA02	45	49	28	40	46	45	48	PN
R607	115-116 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	43	46	-
R608	125-130 STATION ST, BLACKHEATH	Commercial	NCA01	62	66	45	54	62	62	65	-
R609	132-133 STATION ST, BLACKHEATH	Residential	NCA01	63	68	46	55	63	64	67	PN, V, SN, RO
R610	11 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	-
R611	13 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	-
R612	17 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	-
R613	19 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	-
R614	23 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	-
R615	29 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	-
R617	3 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	46	25	37	42	41	44	-
R618	31 STAVELEY PDE, BLACKHEATH	Residential	NCA02	39	42	22	36	41	37	40	-
R619	5 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	45	24	37	42	41	44	-
R620	9 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	-
R621	15-15 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	-
R622	1 STURT ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	-
R623	9 STURT ST, BLACKHEATH	Residential	NCA02	42	46	25	40	44	41	44	-
R624	5-7 STURT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	42	39	42	-
R625	15 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN
R626	21 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN
R627	21 THIRROUL AV, BLACKHEATH	Residential	NCA02	43	48	26	43	46	42	45	PN
R628	32 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	28	48	48	43	46	PN
R629	5 THIRROUL AV, BLACKHEATH	Residential	NCA01	44	48	27	44	47	42	45	-
R630	5 THIRROUL AV, BLACKHEATH	Residential	NCA01	42	47	25	42	45	40	44	-
R631	57 THIRROUL AV, BLACKHEATH	Residential	NCA02	40	45	23	41	44	39	42	-
R632	63 THIRROUL AV, BLACKHEATH	Residential	NCA02	38	43	21	38	41	37	40	-
R633	19-19 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	44	47	43	46	PN
R634	40-50 THIRROUL AV, BLACKHEATH	Residential	NCA02	43	47	26	44	46	41	44	PN
R635	65-67 THIRROUL AV, BLACKHEATH	Residential	NCA02	39	44	22	41	43	38	41	-
R636	1 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	47	27	41	45	43	45	PN
R637	10 WARAGIL ST, BLACKHEATH	Residential	NCA02	49	53	35	46	52	48	51	PN
R638	11 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	48	28	46	47	46	48	PN, V, SN, RO
R639	12 WARAGIL ST, BLACKHEATH	Residential	NCA02	48	52	31	47	49	47	50	PN
R640	15 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	29	47	52	52	55	PN, V, SN, RO
R641	16 WARAGIL ST, BLACKHEATH	Residential	NCA02	56	59	39	50	53	54	57	PN, V, SN, RO
R642	17 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	36	55	53	51	52	PN, V, SN, RO
R643	19 WARAGIL ST, BLACKHEATH	Residential	NCA02	55	58	38	49	58	54	57	PN, V, SN, RO
R644	19 WARAGIL ST, BLACKHEATH	Residential	NCA02	49	53	33	56	57	51	54	PN, V, SN, RO
R645	2 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	45	25	40	46	40	43	-
R646	22 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	50	30	52	50	45	48	PN
R647	22 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	51	30	50	52	46	49	PN
R648	23 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	35	51	57	49	53	PN, V, SN, RO
R649	24 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	29	55	53	43	46	PN
R650	36 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	29	51	50	42	45	PN
R651	37 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	51	30	54	52	45	48	PN
R652	39 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	47	49	44	47	PN
R653	42 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	27	44	47	43	46	PN

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly noise affected
		Non-residential:	Exceeds noise management level								
R654	42 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	28	46	48	43	46	PN
R655	45 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	51	30	48	50	45	48	PN
R656	49 WARAGIL ST, BLACKHEATH	Residential	NCA02	40	44	25	42	42	38	41	-
R657	5 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	50	29	44	48	45	48	PN, V, SN, RO
R658	51 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	50	30	47	49	45	48	PN
R659	52 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	29	45	50	43	46	PN
R660	53 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	45	47	43	46	PN
R661	54 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	27	43	47	41	44	PN
R662	55 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	26	44	46	42	45	PN
R663	56 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	50	29	46	49	44	47	PN
R664	57 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	45	48	44	47	PN
R665	58 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	47	28	42	45	41	44	PN
R666	60 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	46	25	42	44	41	44	-
R667	61 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	27	44	46	42	45	PN
R668	62 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	28	43	46	41	44	PN
R669	65 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	47	24	42	44	41	44	-
R670	67 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	26	44	46	42	45	PN
R671	69 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	46	25	42	44	41	44	-
R672	7 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	26	45	45	43	47	PN
R673	71 WARAGIL ST, BLACKHEATH	Residential	NCA02	35	41	20	37	37	34	37	-
R674	73 WARAGIL ST, BLACKHEATH	Residential	NCA02	39	45	22	40	42	39	42	-
R675	9 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	52	31	48	49	48	51	PN
R676	31-33 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	34	56	55	49	52	PN
R677	38-40 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	50	28	47	49	44	47	PN
R678	4-6 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	45	25	43	46	41	44	PN
R679	63-65 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN
R680	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02	44	48	28	40	44	43	46	PN
R681	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02	34	38	17	32	35	33	36	-
R682	102 WENTWORTH ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	42	46	-
R683	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	29	44	44	44	48	PN
R684	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	28	41	44	44	47	PN
R685	104 WENTWORTH ST, BLACKHEATH	Residential	NCA01	38	42	24	34	40	37	40	-
R686	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02	38	42	24	42	40	38	41	-
R687	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02	40	43	27	42	44	43	46	-
R688	106 WENTWORTH ST, BLACKHEATH	Residential	NCA01	46	50	32	42	48	46	49	-
R689	108 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	46	50	30	42	48	45	49	-
R690	111 WENTWORTH ST, BLACKHEATH	Residential	NCA02	46	56	29	46	52	45	48	PN
R691	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	55	33	46	51	48	51	PN
R692	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	54	33	45	51	48	51	PN
R693	118 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	48	52	31	42	48	47	50	-
R694	121 WENTWORTH ST, BLACKHEATH	Residential	NCA02	51	56	34	47	53	49	53	PN
R695	122 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	41	45	27	36	42	43	46	-
R696	124 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	53	26	47	53	43	46	-
R697	126 WENTWORTH ST, BLACKHEATH	Residential	NCA01	49	55	32	46	51	47	50	-
R698	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02	54	59	37	47	57	55	58	PN, V, SN, RO
R699	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02	55	59	38	49	56	56	59	PN, V, SN, RO
R700	128 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	61	37	49	57	52	55	PN
R701	129 WENTWORTH ST, BLACKHEATH	Residential	NCA02	58	62	41	47	56	56	59	PN, V, SN, RO
R702	130 WENTWORTH ST, BLACKHEATH	Residential	NCA01	55	60	38	52	55	53	56	PN
R703	131 WENTWORTH ST, BLACKHEATH	Residential	NCA02	51	55	34	44	60	52	55	PN, V, SN, RO
R704	132 WENTWORTH ST, BLACKHEATH	Residential	NCA01	52	57	35	49	59	50	53	PN
R705	133 WENTWORTH ST, BLACKHEATH	Residential	NCA02	54	56	37	53	59	55	58	PN, V, SN, RO
R706	134 WENTWORTH ST, BLACKHEATH	Residential	NCA01	59	64	42	49	60	58	61	PN
R707	135 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	57	39	54	57	54	57	PN, V, SN, RO
R708	137 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	60	39	55	58	54	57	PN, V, SN, RO
R709	140 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	54	62	59	62	PN, V, SN, RO
R710	142 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	55	62	60	63	PN, V, SN, RO
R711	144 WENTWORTH ST, BLACKHEATH	Residential	NCA01	62	67	45	57	63	61	64	PN, V, SN, RO
R712	152 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	58	37	54	57	52	55	PN
R713	154 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	58	37	55	57	52	55	PN
R714	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	54	33	47	49	48	51	-
R715	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01	53	58	36	54	56	52	55	PN
R716	157 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	54	33	54	57	48	51	PN, V, SN, RO
R717	159 WENTWORTH ST, BLACKHEATH	Residential	NCA02	48	53	31	53	53	47	50	PN
R718	160 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	55	33	52	55	49	52	-
R719	162 WENTWORTH ST, BLACKHEATH	Residential	NCA01	49	53	32	49	50	47	50	-
R720	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02	53	56	36	54	57	51	54	PN
R721	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02	52	56	35	52	55	50	53	PN
R722	164 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	51	30	51	52	45	48	-
R723	165 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02	50	54	33	48	51	48	51	-
R724	165 WENTWORTH ST, BLACKHEATH	Residential	NCA02	44	48	27	44	46	43	45	PN

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold Highly noise affected			
			Non-residential:	Exceeds noise management level							
R725	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	53	30	47	50	45	48	-
R726	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	51	30	45	51	45	48	-
R727	168 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	54	33	47	52	48	52	-
R728	170 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	55	33	47	50	48	51	-
R729	172 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	50	28	46	48	43	47	-
R730	174 WENTWORTH ST, BLACKHEATH	Residential	NCA01	44	48	27	45	47	42	46	-
R731	175 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	25	41	45	41	43	-
R732	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	-
R733	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	-
R734	178 WENTWORTH ST, BLACKHEATH	Residential	NCA01	42	47	25	41	45	41	44	-
R735	179 WENTWORTH ST, BLACKHEATH	Residential	NCA02	41	44	24	41	45	39	42	-
R736	182 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	44	-
R737	183 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	41	19	35	37	35	38	-
R738	184 WENTWORTH ST, BLACKHEATH	Residential	NCA01	32	37	21	37	40	32	34	-
R739	185 WENTWORTH ST, BLACKHEATH	Residential	NCA02	37	41	20	35	38	36	38	-
R740	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01	41	45	24	40	43	39	42	-
R741	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	44	-
R742	187 WENTWORTH ST, BLACKHEATH	Residential	NCA02	35	39	18	32	36	34	36	-
R743	189 WENTWORTH ST, BLACKHEATH	Residential	NCA02	35	40	18	32	37	35	37	-
R744	191 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	40	18	32	37	35	37	-
R745	193 WENTWORTH ST, BLACKHEATH	Residential	NCA02	31	36	14	28	32	31	33	-
R746	194 WENTWORTH ST, BLACKHEATH	Residential	NCA01	31	36	14	33	35	29	32	-
R747	198 WENTWORTH ST, BLACKHEATH	Residential	NCA01	36	41	19	35	38	34	38	-
R748	200 WENTWORTH ST, BLACKHEATH	Residential	NCA01	33	37	17	36	39	31	34	-
R749	69 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	40	19	33	38	34	37	-
R750	70 WENTWORTH ST, BLACKHEATH	Residential	NCA01	40	44	23	36	41	38	42	-
R751	72 WENTWORTH ST, BLACKHEATH	Residential	NCA01	39	43	22	36	41	38	41	-
R752	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	34	37	20	30	35	32	35	-
R753	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	29	33	14	26	31	28	31	-
R754	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	39	43	22	36	40	37	40	-
R755	76 WENTWORTH ST, BLACKHEATH	Residential	NCA01	39	43	22	36	41	38	42	-
R756	77 WENTWORTH ST, BLACKHEATH	Residential	NCA02	38	42	21	35	40	37	42	-
R757	79 WENTWORTH ST, BLACKHEATH	Residential	NCA02	40	44	24	36	42	39	42	-
R758	81 WENTWORTH ST, BLACKHEATH	Residential	NCA02	38	42	21	34	40	36	39	-
R759	83 WENTWORTH ST, BLACKHEATH	Residential	NCA02	39	43	23	34	41	38	42	-
R760	87 WENTWORTH ST, BLACKHEATH	Residential	NCA02	37	41	21	33	39	36	39	-
R761	91 WENTWORTH ST, BLACKHEATH	Residential	NCA02	43	47	26	40	45	42	45	PN
R762	95 WENTWORTH ST, BLACKHEATH	Educational institute	NCA02	44	48	27	41	46	43	46	-
R763	97 WENTWORTH ST, BLACKHEATH	Residential	NCA02	45	49	28	40	46	44	47	PN
R764	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01	46	49	31	41	47	45	48	-
R765	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	50	28	41	46	44	48	-
R766	99 WENTWORTH ST, BLACKHEATH	Residential	NCA02	45	49	28	41	45	44	47	PN
R767	123-125 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02	55	59	38	51	57	55	57	N
R768	136-138 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	54	61	60	63	PN, V, SN, RO
R769	141-151 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	60	39	56	59	54	57	PN, V, SN, RO
R770	188-192 WENTWORTH ST, BLACKHEATH	Residential	NCA01	32	36	15	32	34	30	33	-
R771	22 WILLS LANE, BLACKHEATH	Residential	NCA02	39	45	22	36	42	39	42	-
R772	26 WILLS LANE, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	-
R773	16 WILLS ST, BLACKHEATH	Residential	NCA02	39	45	22	37	43	39	42	-
R774	22 WILLS ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	39	42	-
R775	10-10 WILLS ST, BLACKHEATH	Residential	NCA02	42	46	25	40	44	40	43	-
R776	6-10 WILLS ST, BLACKHEATH	Residential	NCA02	41	46	24	39	45	41	44	-
R778	1 WOMBAT ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	-
R779	10 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	47	25	42	45	40	43	PN
R780	11 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	-
R781	12 WOMBAT ST, BLACKHEATH	Residential	NCA02	37	42	20	37	40	36	39	-
R782	16 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	40	43	40	43	-
R783	16 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	41	43	40	43	-
R784	17 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	23	39	42	38	41	-
R785	19 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	-
R786	2 WOMBAT ST, BLACKHEATH	Residential	NCA01	40	44	23	40	42	38	41	-
R787	20 WOMBAT ST, BLACKHEATH	Residential	NCA02	36	41	22	38	39	37	40	-
R788	21 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	44	23	40	43	39	42	-
R789	22 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	40	43	40	43	-
R790	25 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	45	24	41	43	39	42	-
R791	27 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	43	23	40	42	38	41	-
R792	29 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	-
R793	3 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	38	41	-
R794	31 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	46	24	40	44	40	42	-
R795	34 WOMBAT ST, BLACKHEATH	Residential	NCA02	43	48	26	43	47	42	43	PN
R796	35 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	46	23	40	44	39	42	-

Predicted construction noise levels: OOHV Period 1 (Day)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R797	4 WOMBAT ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	43	-
R798	5 WOMBAT ST, BLACKHEATH	Residential	NCA02	37	41	22	37	39	36	39	-
R799	5 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	37	40	-
R801	6 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	46	25	41	44	40	43	-
R802	8 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	46	25	41	44	39	42	-
R803	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	-
R804	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	38	43	22	38	41	38	41	-
R805	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	36	41	19	36	39	35	38	-
R806	26-26 WOMBAT ST, BLACKHEATH	Residential	NCA02	44	48	27	41	46	40	43	PN
R807	6-8 YOUNG LANE, BLACKHEATH	Residential	NCA02	46	50	29	44	48	44	47	PN
R808	28A BUNDARRA ST, BLACKHEATH	Residential	NCA02	35	39	19	31	37	34	37	-
R809	2A BUNDARRA ST, BLACKHEATH	Residential	NCA01	46	50	28	40	46	46	49	-
R810	11A CARYSFORT ST, BLACKHEATH	Residential	NCA02	41	45	24	33	42	40	43	-
R811	20A EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	46	25	42	46	43	46	-
R812	3A EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	45	27	44	49	43	46	PN
R813	8A GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	24	41	46	40	43	-
R814	23A GORDON AV, BLACKHEATH	Residential	NCA02	38	42	21	38	44	41	43	-
R815	4A GORDON AV, BLACKHEATH	Residential	NCA02	31	34	14	27	31	29	32	-
R816	5A GORDON AV, BLACKHEATH	Residential	NCA02	42	46	25	35	44	42	45	-
R817	211A GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	50	29	41	47	45	48	-
R818	12A HAT HILL RD, BLACKHEATH	Residential	NCA02	49	53	32	52	56	48	51	PN
R819	36A HAT HILL RD, BLACKHEATH	Residential	NCA02	34	41	17	35	37	36	38	-
R820	37A HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	40	44	40	43	-
R821	37A HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	41	44	41	44	-
R822	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02	44	48	27	44	47	42	45	PN
R823	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02	45	49	28	44	48	43	46	PN
R825	139A STATION ST, BLACKHEATH	Residential	NCA02	58	62	42	55	65	56	59	PN, V, SN, RO
R826	141A STATION ST, BLACKHEATH	Residential	NCA01	61	65	45	77	69	59	62	PN, V, SN, RO, RP, DR
R827	27A STAVELEY PDE, BLACKHEATH	Residential	NCA02	38	42	21	36	41	38	41	-
R828	14A WARAGIL ST, BLACKHEATH	Residential	NCA02	52	56	36	52	53	50	53	PN, V, SN, RO
R829	198A WENTWORTH ST, BLACKHEATH	Residential	NCA01	37	41	20	36	39	34	38	-
R830	23A WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	41	43	39	42	-
R831	9A WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	39	42	38	41	-
R832	22B GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	44	49	29	43	46	45	48	-
R833	211B GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	47	51	32	43	49	46	49	-
R834	3B HAVILAND AV, BLACKHEATH	Residential	NCA02	51	55	35	45	53	52	55	PN, V, SN, RO
R835	6B INCONSTANT ST, BLACKHEATH	Residential	NCA02	53	57	36	49	55	52	55	PN
R836	8B INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	31	51	54	48	51	PN
R837	60B THIRROUL AV, BLACKHEATH	Educational institute	NCA02	42	47	25	43	47	41	43	-
R838	1B WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	-

Predicted construction noise levels: OOHV Period 1 (Evening)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
			Non-residential:	Exceeds noise management level								
R001	3 ABBOTT ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	44	45	-	
R002	1 BELLEVUE AV, BLACKHEATH	Residential	NCA02	45	49	29	40	46	43	46	PN	
R003	25 BELLEVUE AV, BLACKHEATH	Residential	NCA02	41	45	24	36	42	39	42	PN	
R004	3 BELLEVUE AV, BLACKHEATH	Residential	NCA02	45	49	29	43	46	45	48	PN	
R005	4 BELLEVUE AV, BLACKHEATH	Residential	NCA02	41	43	26	41	49	43	46	PN	
R006	5 BELLEVUE AV, BLACKHEATH	Residential	NCA02	53	57	36	48	51	51	54	PN, V, SN, RO	
R007	9 BELLEVUE AV, BLACKHEATH	Residential	NCA02	46	51	30	44	48	47	49	PN	
R008	1 BRADLEY AV, BLACKHEATH	Residential	NCA01	55	59	39	64	62	53	56	PN, V, SN, RO	
R009	10 BRADLEY AV, BLACKHEATH	Residential	NCA02	48	51	32	54	54	46	49	PN, V, SN, RO	
R010	5 BRADLEY AV, BLACKHEATH	Residential	NCA02	56	60	41	62	61	54	57	PN, V, SN, RO	
R011	8 BRADLEY AV, BLACKHEATH	Residential	NCA02	49	51	32	58	57	47	50	PN, V, SN, RO	
R012	1-3 BRADLEY AV, BLACKHEATH	Residential	NCA01	59	63	42	67	67	57	60	PN, V, SN, RO	
R013	6-8 BRADLEY AV, BLACKHEATH	Residential	NCA02	55	58	38	59	56	53	56	PN, V, SN, RO	
R014	7-11 BRADLEY AV, BLACKHEATH	Residential	NCA02	49	53	32	54	59	48	51	PN, V, SN, RO	
R015	1 BUNDARRA ST, BLACKHEATH	Residential	NCA01	48	52	32	46	50	48	51	PN	
R016	14 BUNDARRA ST, BLACKHEATH	Residential	NCA02	46	49	30	45	47	45	48	PN	
R017	16 BUNDARRA ST, BLACKHEATH	Residential	NCA02	36	39	19	33	35	34	37	-	
R018	18 BUNDARRA ST, BLACKHEATH	Residential	NCA02	38	42	21	37	39	37	40	PN	
R019	2 BUNDARRA ST, BLACKHEATH	Residential	NCA01	52	56	35	45	51	52	55	PN	
R020	20 BUNDARRA ST, BLACKHEATH	Residential	NCA02	37	42	20	39	39	37	39	-	
R021	24 BUNDARRA ST, BLACKHEATH	Residential	NCA02	35	40	18	34	44	35	38	PN	
R022	29 BUNDARRA ST, BLACKHEATH	Residential	NCA02	37	41	20	41	48	37	40	PN	
R023	3 BUNDARRA ST, BLACKHEATH	Residential	NCA02	49	53	33	49	53	48	51	PN	
R024	30 BUNDARRA ST, BLACKHEATH	Residential	NCA02	34	39	18	35	40	36	38	-	
R025	34 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	35	14	34	36	30	33	-	
R026	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	34	14	29	34	30	33	-	
R027	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	34	14	30	35	31	34	-	
R028	39 BUNDARRA ST, BLACKHEATH	Residential	NCA02	39	43	24	39	44	38	41	PN	
R029	43 BUNDARRA ST, BLACKHEATH	Residential	NCA02	43	45	29	43	47	43	46	PN	
R030	45 BUNDARRA ST, BLACKHEATH	Residential	NCA02	42	43	26	40	44	40	43	PN	
R031	5 BUNDARRA ST, BLACKHEATH	Residential	NCA02	50	54	35	48	53	49	52	PN, V, SN, RO	
R032	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	49	28	42	46	44	47	PN	
R033	6 BUNDARRA ST, BLACKHEATH	Place of worship	NCA02	44	49	27	41	45	44	47	-	
R034	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	49	29	43	46	44	47	PN	
R035	7 BUNDARRA ST, BLACKHEATH	Residential	NCA02	47	51	31	44	49	47	50	PN	
R037	8 BUNDARRA ST, BLACKHEATH	Residential	NCA02	44	48	27	40	46	42	45	PN	
R038	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	50	29	39	47	44	47	PN, V, SN, RO	
R039	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02	49	54	32	44	50	49	52	PN, V, SN, RO	
R040	1 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	26	38	46	42	44	PN	
R041	10 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	41	PN	
R042	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02	38	42	21	34	39	37	39	-	
R043	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02	30	34	13	28	32	29	31	-	
R044	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02	42	46	25	38	43	41	44	PN	
R045	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	37	40	39	42	PN	
R046	15 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	35	39	39	42	-	
R047	16 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	30	35	34	37	-	
R048	2 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	27	43	47	42	45	PN	
R049	20 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	30	36	33	36	-	
R050	21 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	35	42	38	41	-	
R051	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	37	-	
R052	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	30	33	13	29	36	28	31	-	
R053	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	38	-	
R054	23 CARYSFORT ST, BLACKHEATH	Residential	NCA02	34	38	17	31	37	33	35	-	
R055	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	37	41	38	41	-	
R056	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	45	23	38	43	40	42	PN	
R057	26 CARYSFORT ST, BLACKHEATH	Residential	NCA02	37	41	20	34	38	36	39	-	
R058	27 CARYSFORT ST, BLACKHEATH	Residential	NCA02	38	42	21	35	40	38	41	-	
R059	28 CARYSFORT ST, BLACKHEATH	Residential	NCA02	36	41	19	34	38	36	39	-	
R060	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	42	18	30	38	37	40	-	
R061	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	45	23	36	41	40	42	PN	
R062	3 CARYSFORT ST, BLACKHEATH	Residential	NCA02	44	48	27	41	44	43	45	PN	
R063	30 CARYSFORT ST, BLACKHEATH	Residential	NCA02	33	39	16	27	32	35	38	-	
R064	31 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	44	23	37	43	39	42	PN	
R065	33 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	36	40	38	40	-	
R066	35 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	35	41	38	41	PN	
R067	4 CARYSFORT ST, BLACKHEATH	Residential	NCA02	42	47	25	41	43	41	43	PN	
R068	7 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	26	41	44	42	45	PN	
R069	8 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	44	23	40	42	39	41	PN	
R071	4 CECIL RD, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	PN	
R072	5 CECIL RD, BLACKHEATH	Residential	NCA02	38	43	21	38	41	37	40	-	
R073	1-3 CECIL RD, BLACKHEATH	Residential	NCA02	38	43	21	37	41	37	40	-	

Predicted construction noise levels: OOHV Period 1 (Evening)

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			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold	Highly noise affected			
			Non-residential:	Exceeds noise management level								
R074	6-8 CECIL RD, BLACKHEATH	Residential	NCA02	34	39	17	32	36	34	37	-	
R075	56 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	39	20	33	38	33	36	-	
R076	58 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	32	36	19	32	35	31	34	-	
R077	60 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	40	21	33	39	34	37	-	
R078	62 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	34	38	21	31	35	32	35	-	
R079	64 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	37	43	23	38	37	37	40	-	
R080	66 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	39	43	26	40	41	41	44	PN	
R081	70 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	34	38	23	38	37	38	41	-	
R082	72 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	38	41	23	39	42	36	39	-	
R083	74 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	40	44	26	40	41	41	44	PN	
R084	74 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	35	39	19	39	40	33	36	-	
R085	76 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	40	19	40	39	34	37	-	
R086	78 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	40	44	23	40	45	38	41	PN	
R087	80 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	39	43	22	40	45	37	40	PN	
R088	15 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	37	41	20	32	39	36	38	-	
R089	21 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	42	PN	
R090	22 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	36	40	19	33	36	34	37	-	
R091	23 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN	
R092	26 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	37	41	20	34	39	36	38	-	
R093	27 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN	
R094	29 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	40	43	PN	
R095	30 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	38	42	21	36	40	37	39	-	
R096	31 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	45	23	39	45	42	45	PN	
R097	32 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	39	43	22	37	41	38	41	-	
R099	38 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	35	41	18	31	38	36	39	-	
R100	34-36 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	38	43	22	37	41	38	40	-	
R101	34-36 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	38	42	21	37	40	37	40	-	
R102	7-9 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	36	40	19	34	38	34	37	-	
R103	11 CLIFF LANE, BLACKHEATH	Residential	NCA02	34	38	17	30	36	33	35	-	
R104	8 CLIFF LANE, BLACKHEATH	Residential	NCA02	31	36	14	30	34	31	33	-	
R105	1 CLYDE AV, BLACKHEATH	Residential	NCA02	52	54	35	49	56	52	55	PN, V, SN, RO	
R106	10 CLYDE AV, BLACKHEATH	Residential	NCA02	44	48	28	46	49	46	50	PN	
R107	11 CLYDE AV, BLACKHEATH	Residential	NCA02	45	48	28	48	49	44	47	PN	
R108	12 CLYDE AV, BLACKHEATH	Residential	NCA02	46	50	30	46	50	46	49	PN	
R109	16 CLYDE AV, BLACKHEATH	Residential	NCA02	47	51	31	46	51	46	49	PN	
R110	2 CLYDE AV, BLACKHEATH	Residential	NCA02	49	53	33	47	52	53	56	PN, V, SN, RO	
R111	3 CLYDE AV, BLACKHEATH	Residential	NCA02	50	53	33	49	52	50	53	PN, V, SN, RO	
R112	4 CLYDE AV, BLACKHEATH	Residential	NCA02	52	54	36	49	53	52	55	PN, V, SN, RO	
R113	5 CLYDE AV, BLACKHEATH	Residential	NCA02	46	50	30	47	48	46	50	PN	
R114	6 CLYDE AV, BLACKHEATH	Residential	NCA02	45	50	28	45	49	46	49	PN	
R115	7 CLYDE AV, BLACKHEATH	Residential	NCA02	47	51	31	46	46	48	51	PN	
R116	8 CLYDE AV, BLACKHEATH	Residential	NCA02	44	49	28	46	51	46	49	PN	
R117	23-25 CLYDE AV, BLACKHEATH	Residential	NCA02	44	48	28	46	48	46	49	PN	
R118	1 EVELEIGH AV, BLACKHEATH	Residential	NCA02	38	41	21	40	44	38	41	PN	
R119	15 EVELEIGH AV, BLACKHEATH	Residential	NCA02	49	53	32	47	50	47	50	PN	
R120	17 EVELEIGH AV, BLACKHEATH	Residential	NCA02	51	53	35	45	50	49	51	PN	
R121	18 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	30	45	49	46	49	PN	
R122	20 EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	46	25	44	49	42	45	PN	
R123	22 EVELEIGH AV, BLACKHEATH	Residential	NCA02	44	47	27	43	50	44	47	PN	
R124	24 EVELEIGH AV, BLACKHEATH	Residential	NCA02	36	40	19	45	45	35	38	PN	
R125	25 EVELEIGH AV, BLACKHEATH	Residential	NCA02	41	46	26	44	45	41	45	PN	
R126	26 EVELEIGH AV, BLACKHEATH	Residential	NCA02	43	45	26	47	48	42	45	PN	
R127	28 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	48	29	46	49	44	47	PN	
R128	3 EVELEIGH AV, BLACKHEATH	Residential	NCA02	37	41	21	40	44	38	41	PN	
R129	30 EVELEIGH AV, BLACKHEATH	Residential	NCA02	44	48	28	45	46	42	45	PN	
R130	32 EVELEIGH AV, BLACKHEATH	Residential	NCA02	40	44	23	41	44	38	42	PN	
R131	34 EVELEIGH AV, BLACKHEATH	Residential	NCA02	40	44	24	42	43	40	43	PN	
R132	4 EVELEIGH AV, BLACKHEATH	Residential	NCA02	45	46	29	40	45	43	46	PN	
R133	6 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	29	43	48	44	47	PN	
R134	7 EVELEIGH AV, BLACKHEATH	Residential	NCA02	45	48	29	44	48	43	46	PN	
R135	8 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	29	37	46	45	48	PN	
R136	8 EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	45	25	42	41	40	43	PN	
R137	10 GARDINER CR, BLACKHEATH	Residential	NCA02	43	47	26	41	45	41	44	PN	
R138	14 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	41	46	41	45	PN	
R139	2 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	41	46	40	43	PN	
R140	20 GARDINER CR, BLACKHEATH	Residential	NCA02	45	49	28	36	46	44	48	PN	
R141	26 GARDINER CR, BLACKHEATH	Residential	NCA02	43	45	26	37	47	45	48	PN	
R142	28 GARDINER CR, BLACKHEATH	Residential	NCA02	45	52	28	40	53	49	52	PN	
R143	3 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	40	44	40	43	PN	
R144	30 GARDINER CR, BLACKHEATH	Residential	NCA02	55	55	38	46	52	53	56	-	
R145	32 GARDINER CR, BLACKHEATH	Residential	NCA02	49	54	32	45	54	54	57	PN, V, SN, RO	

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			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
			Non-residential:	Exceeds noise management level								
R146	37 GARDINER CR, BLACKHEATH	Passive recreation	NCA01	60	63	43	57	62	58	61	N	
R147	8 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	42	45	42	45	PN	
R148	1 GOODARE ST, BLACKHEATH	Residential	NCA02	40	47	23	41	45	39	43	PN	
R149	11 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	25	40	45	40	42	PN	
R150	12 GOODARE ST, BLACKHEATH	Residential	NCA02	37	42	21	40	44	35	38	PN	
R151	15 GOODARE ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	PN	
R152	16 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	PN	
R153	16 GOODARE ST, BLACKHEATH	Residential	NCA02	42	46	25	43	47	40	43	PN	
R154	20 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	27	44	47	42	45	PN	
R155	20 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	28	45	47	43	45	PN	
R156	21 GOODARE ST, BLACKHEATH	Residential	NCA02	44	48	27	43	46	42	45	PN	
R157	22 GOODARE ST, BLACKHEATH	Residential	NCA02	44	48	27	45	47	42	45	PN	
R158	25 GOODARE ST, BLACKHEATH	Residential	NCA02	42	46	25	43	46	41	44	PN	
R159	26 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	26	44	46	42	45	PN	
R160	4 GOODARE ST, BLACKHEATH	Residential	NCA02	41	45	24	42	45	40	43	PN	
R161	8 GOODARE ST, BLACKHEATH	Residential	NCA02	41	45	25	42	46	40	43	PN	
R162	17-19 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	26	43	46	41	44	PN	
R163	3-5 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	24	42	44	40	43	PN	
R164	10 GORDON AV, BLACKHEATH	Residential	NCA02	40	44	23	33	38	38	41	PN	
R165	14 GORDON AV, BLACKHEATH	Residential	NCA02	39	43	22	33	41	37	40	-	
R166	15 GORDON AV, BLACKHEATH	Residential	NCA02	35	43	22	31	40	39	42	-	
R167	16 GORDON AV, BLACKHEATH	Residential	NCA02	39	43	22	31	38	39	41	-	
R168	17 GORDON AV, BLACKHEATH	Residential	NCA02	34	38	18	35	37	37	40	-	
R169	19 GORDON AV, BLACKHEATH	Residential	NCA02	36	40	20	41	41	39	42	-	
R170	22 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	36	40	35	38	-	
R171	24 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	41	39	35	38	-	
R172	27 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	40	42	34	37	-	
R173	29 GORDON AV, BLACKHEATH	Residential	NCA02	40	42	23	41	45	38	41	PN	
R174	3 GORDON AV, BLACKHEATH	Residential	NCA02	41	45	25	40	43	39	42	PN	
R175	30 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	15	39	37	33	36	-	
R176	30 GORDON AV, BLACKHEATH	Residential	NCA02	33	35	16	35	36	31	34	-	
R177	35 GORDON AV, BLACKHEATH	Residential	NCA02	36	40	21	37	41	34	37	-	
R178	40 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	15	31	34	31	34	-	
R179	40 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	16	30	36	31	34	-	
R180	41 GORDON AV, BLACKHEATH	Residential	NCA02	35	39	19	34	37	33	37	-	
R181	7 GORDON AV, BLACKHEATH	Residential	NCA02	38	42	21	32	38	37	40	-	
R182	8 GORDON AV, BLACKHEATH	Residential	NCA02	36	41	19	33	35	35	38	-	
R183	9 GORDON AV, BLACKHEATH	Residential	NCA02	41	45	25	40	44	41	44	PN	
R184	18-20 GORDON AV, BLACKHEATH	Residential	NCA02	34	38	18	39	37	37	40	-	
R185	31-33 GORDON AV, BLACKHEATH	Residential	NCA02	38	41	21	41	43	37	40	-	
R186	100 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	42	38	41	PN	
R187	102 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	22	37	42	37	40	-	
R188	106 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	32	36	15	32	36	30	33	-	
R189	108 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	PN	
R190	20 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	43	47	29	40	45	45	48	-	
R191	35 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	41	45	26	43	48	40	43	-	
R192	36 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	43	47	26	48	49	41	44	-	
R193	46 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	37	45	20	40	47	35	38	-	
R194	52 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	34	46	17	42	44	32	36	-	
R195	54 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	47	51	30	43	48	45	48	-	
R196	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	23	40	45	37	40	PN	
R197	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	33	43	16	37	40	31	34	-	
R198	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	50	27	42	46	42	45	PN	
R199	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	47	26	40	45	41	44	PN	
R200	63 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	37	47	22	40	45	35	38	PN	
R201	64 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	45	49	28	42	47	43	46	PN	
R202	65 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	47	21	39	44	37	39	PN	
R203	66 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	25	41	44	40	43	PN	
R204	67 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	48	24	40	45	40	43	PN	
R205	68 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	26	41	44	41	44	PN	
R206	69 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	48	25	40	45	41	44	PN	
R207	70 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	47	26	41	45	41	44	PN	
R208	71 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	25	39	44	40	43	PN	
R209	72 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	50	27	41	46	42	45	PN	
R210	73 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	39	42	PN	
R211	75 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	39	42	PN	
R212	76 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	45	50	27	41	46	43	46	PN	
R213	77 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	40	43	PN	
R214	77 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	32	43	16	37	41	34	36	-	
R215	78 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	47	24	39	43	39	42	PN	
R216	79 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	42	21	35	40	36	39	-	

Predicted construction noise levels: OOHV Period 1 (Evening)

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			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R217	8 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	55	60	40	47	57	55	59	-
R218	81 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	44	21	38	41	36	39	PN
R219	82 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	48	27	40	45	42	45	PN
R220	83 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	39	42	PN
R221	84 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	PN
R222	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	36	40	19	35	39	34	37	-
R223	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	43	38	41	PN
R224	89 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	PN
R225	90 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	44	22	38	43	37	40	PN
R226	91 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	PN
R227	92 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	22	38	43	37	40	-
R228	94 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	37	41	20	37	41	36	39	-
R229	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	35	39	18	33	37	33	36	-
R230	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	33	37	16	31	36	31	34	-
R231	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	35	39	18	36	40	33	36	-
R232	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	PN
R233	102-104 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	40	43	PN
R234	15-17 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	45	49	28	39	46	44	47	-
R235	19-25 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	45	49	29	38	47	45	48	-
R236	27-29 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	43	47	31	46	45	47	50	-
R237	32-34 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	42	49	26	46	46	41	44	-
R238	32-34 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	48	26	46	51	42	44	PN
R239	40-42 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	41	46	25	45	50	41	43	-
R240	43-45 GOVETTS LEAP RD, BLACKHEATH	Place of worship	NCA02	42	46	25	43	48	39	42	-
R241	55-55 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	49	23	42	46	37	40	PN
R242	85-87 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	46	23	37	42	38	41	PN
R243	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	38	42	22	35	40	36	39	-
R244	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	38	42	21	35	40	36	41	-
R245	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	47	51	30	42	48	45	48	-
R246	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	43	48	26	40	45	42	46	-
R247	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	47	51	30	43	48	46	49	PN
R248	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	41	46	43	48	PN
R249	213 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	48	27	40	45	42	46	-
R250	215 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	49	53	32	44	50	48	52	-
R251	220 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	68	75	51	57	67	71	74	N
R252	228 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	49	53	32	44	50	48	52	-
R253	235 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	51	55	34	45	52	50	54	-
R254	263 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	71	77	54	61	71	70	73	N
R255	264 GREAT WESTERN HWY, BLACKHEATH	Industrial	NCA01	84	95	66	60	74	99	102	N
R256	265 GREAT WESTERN HWY, BLACKHEATH	Passive recreation	NCA01	67	71	50	67	72	65	68	N
R257	277 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	55	59	38	57	58	53	56	PN, V, SN, RO
R258	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	54	58	37	52	55	52	55	PN
R259	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	53	58	36	56	57	51	55	PN
R260	284 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	51	55	34	54	56	49	52	PN
R261	286 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	50	55	33	52	54	48	52	PN
R262	287 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	49	53	32	49	52	47	50	PN
R263	288 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	50	29	47	49	44	47	PN
R264	291 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	47	52	30	46	49	45	49	PN
R265	293 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	51	29	45	48	44	48	PN
R266	294 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	43	46	43	46	PN
R267	297 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	42	45	42	45	PN
R268	298 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	42	46	42	46	PN
R269	299 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	PN
R270	300 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	43	48	26	42	45	41	45	-
R271	301 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	41	46	24	41	44	40	43	-
R272	302 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	38	43	21	35	40	36	40	-
R273	194-196 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	48	27	40	45	43	45	-
R274	195-195 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	42	46	25	38	44	40	43	-
R275	197-199 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	42	46	26	38	43	40	43	-
R276	197-199 GREAT WESTERN HWY, BLACKHEATH	Active recreation	NCA01	41	45	24	37	42	39	43	-
R277	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	44	48	31	41	45	43	47	-
R278	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	52	31	42	49	47	50	-
R279	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	51	55	34	46	52	50	54	-
R280	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	52	31	43	49	48	51	-
R281	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	46	50	30	42	48	47	50	-
R282	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	53	31	44	50	48	52	-
R283	240-244 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	60	64	43	50	60	61	65	-
R284	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	51	56	34	54	54	49	53	PN
R285	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	54	58	37	52	57	52	55	PN
R286	289-290 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	49	53	32	48	51	47	50	PN
R287	295-296 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	43	46	42	46	PN

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		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
		Non-residential: Exceeds noise management level									
R288	10 HAT HILL RD, BLACKHEATH	Residential	NCA01	55	59	38	51	59	53	56	PN, V, SN, RO
R289	11 HAT HILL RD, BLACKHEATH	Residential	NCA02	53	56	36	50	55	51	54	PN, V, SN, RO
R290	12 HAT HILL RD, BLACKHEATH	Residential	NCA02	50	55	33	50	56	49	51	PN, V, SN, RO
R291	14 HAT HILL RD, BLACKHEATH	Residential	NCA02	49	54	32	51	53	48	51	PN, V, SN, RO
R292	16 HAT HILL RD, BLACKHEATH	Residential	NCA02	49	53	32	50	52	48	51	PN
R293	18 HAT HILL RD, BLACKHEATH	Residential	NCA02	48	52	31	49	53	47	50	PN
R294	19 HAT HILL RD, BLACKHEATH	Residential	NCA02	46	50	29	41	48	46	49	PN
R295	21 HAT HILL RD, BLACKHEATH	Residential	NCA02	38	42	21	36	39	40	43	-
R296	21 HAT HILL RD, BLACKHEATH	Residential	NCA02	45	49	28	42	45	43	47	PN
R297	22 HAT HILL RD, BLACKHEATH	Residential	NCA02	46	50	29	44	48	45	48	PN
R298	24 HAT HILL RD, BLACKHEATH	Residential	NCA02	44	48	27	36	45	44	46	PN
R299	26 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	34	44	43	45	PN
R300	27 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	45	26	38	44	41	44	PN
R301	27 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	46	26	41	44	42	45	PN
R302	28 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	34	43	43	46	PN
R303	3 HAT HILL RD, BLACKHEATH	Residential	NCA02	51	55	34	55	58	50	53	PN, V, SN, RO
R304	30 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	30	41	42	45	PN
R305	31 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	41	45	41	44	PN
R306	32 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	35	42	42	44	PN
R307	34 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	38	44	43	45	PN
R308	36 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	34	41	41	43	PN
R309	38 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	22	29	39	40	43	PN
R310	39 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	40	45	41	44	PN
R311	40 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	23	34	42	41	44	PN
R312	42 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	45	22	37	42	40	43	PN
R313	44 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	43	PN
R314	45 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	37	41	39	42	-
R315	45 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	PN
R316	48 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	37	43	41	43	PN
R317	49 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	37	43	40	43	PN
R318	50 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	40	43	PN
R319	52 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	43	PN
R320	52 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	45	23	38	41	40	43	PN
R321	53 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	37	41	39	43	PN
R322	54 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	36	42	39	42	PN
R323	55 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	43	PN
R324	55 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN
R325	56 HAT HILL RD, BLACKHEATH	Residential	NCA02	38	43	21	35	40	38	40	-
R326	58 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	45	23	38	43	40	42	PN
R327	60 HAT HILL RD, BLACKHEATH	Residential	NCA02	37	42	20	29	40	37	40	-
R328	62 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	41	PN
R329	66 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	34	40	37	40	-
R330	66 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	37	41	38	41	-
R331	68 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	21	37	41	38	41	-
R332	9 HAT HILL RD, BLACKHEATH	Residential	NCA02	53	57	36	50	52	51	54	PN, V, SN, RO
R333	2-8 HAT HILL RD, BLACKHEATH	Place of worship	NCA01	56	61	39	58	60	55	58	N
R334	2-8 HAT HILL RD, BLACKHEATH	Residential	NCA01	58	61	40	60	61	55	58	PN, V, SN, RO
R336	2 HAVILAND AV, BLACKHEATH	Residential	NCA02	49	53	32	44	51	47	50	PN
R338	4 HAVILAND AV, BLACKHEATH	Residential	NCA02	53	57	36	48	54	52	55	PN, V, SN, RO
R340	6 HAVILAND AV, BLACKHEATH	Residential	NCA02	52	56	36	47	52	51	54	PN, V, SN, RO
R342	8 HAVILAND AV, BLACKHEATH	Residential	NCA02	51	56	34	47	52	59	62	PN, V, SN, RO, RP, DR
R343	9 HAVILAND AV, BLACKHEATH	Residential	NCA02	51	56	35	46	53	50	53	PN, V, SN, RO
R344	20 HELVETIA RD, BLACKHEATH	Residential	NCA02	33	38	16	33	39	34	37	-
R345	11-27 HELVETIA RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN
R346	1 HYDORA LANE, BLACKHEATH	Residential	NCA02	43	51	26	46	53	41	44	PN
R347	20 HYDORA LANE, BLACKHEATH	Residential	NCA01	53	58	36	47	52	51	54	PN
R348	20 HYDORA LANE, BLACKHEATH	Commercial	NCA01	64	69	47	55	63	64	67	-
R349	10 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	31	50	54	48	51	PN, V, SN, RO
R350	12 INCONSTANT ST, BLACKHEATH	Residential	NCA02	49	53	33	50	54	48	51	PN, V, SN, RO
R351	14 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	34	47	54	47	50	PN, V, SN, RO
R352	15 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	31	47	51	48	50	PN
R353	2 INCONSTANT ST, BLACKHEATH	Residential	NCA02	50	57	33	49	52	52	55	PN, V, SN, RO
R354	21 INCONSTANT ST, BLACKHEATH	Residential	NCA02	45	49	28	42	45	45	48	PN
R355	25 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	45	19	36	37	41	43	PN
R356	27 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	33	36	-
R357	31 INCONSTANT ST, BLACKHEATH	Residential	NCA02	28	32	13	30	33	27	30	-
R358	35 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	35	38	34	37	-
R359	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	39	18	32	37	33	36	-
R360	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02	37	42	20	33	39	36	39	-
R361	4 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	36	47	55	49	52	PN, V, SN, RO
R362	40 INCONSTANT ST, BLACKHEATH	Residential	NCA02	38	42	21	38	38	37	40	-

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Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R363	41 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	14	31	33	30	32	-
R364	42 INCONSTANT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	41	38	41	PN
R365	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	18	32	37	34	37	-
R366	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	PN
R367	44 INCONSTANT ST, BLACKHEATH	Residential	NCA02	33	39	16	32	35	34	36	-
R368	46 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	14	31	34	29	32	-
R369	47 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	41	19	33	38	35	38	-
R370	48 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	38	19	33	38	33	35	-
R371	50 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	16	33	36	30	32	-
R372	51 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	34	36	34	37	-
R373	52 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	37	18	34	38	32	35	-
R374	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02	27	31	11	27	31	25	28	-
R375	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02	32	36	17	33	36	32	35	-
R376	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	34	38	34	37	-
R377	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	32	37	34	37	-
R378	16-18 INCONSTANT ST, BLACKHEATH	Residential	NCA02	51	54	34	50	53	49	52	PN, V, SN, RO
R379	38-38 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	32	37	33	36	-
R380	9-13 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	31	50	50	47	50	PN
R381	1 KAMILAROI ST, BLACKHEATH	Residential	NCA02	40	45	24	38	43	39	42	PN
R382	5 KAMILAROI ST, BLACKHEATH	Residential	NCA02	41	44	24	38	43	39	42	PN
R383	9 KAMILAROI ST, BLACKHEATH	Residential	NCA02	40	44	23	39	43	40	43	PN
R384	15 KANIMBLA RD, BLACKHEATH	Residential	NCA02	41	45	24	41	44	39	42	PN
R385	17 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	PN
R386	19 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	23	39	43	38	42	PN
R387	21 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	PN
R388	23 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	PN
R389	25 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	23	39	42	38	41	PN
R390	26 KANIMBLA RD, BLACKHEATH	Residential	NCA02	38	43	21	37	41	37	40	-
R391	3 KANIMBLA RD, BLACKHEATH	Residential	NCA02	43	47	26	42	47	42	45	PN
R392	5 KANIMBLA RD, BLACKHEATH	Residential	NCA02	42	47	26	42	46	41	44	PN
R393	9 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	44	23	40	43	40	43	PN
R394	11 KENNEDY ST, BLACKHEATH	Residential	NCA02	41	45	24	39	43	42	45	PN
R395	7 KENNEDY ST, BLACKHEATH	Residential	NCA02	40	44	24	38	43	39	43	PN
R396	25 KUBYA ST, BLACKHEATH	Residential	NCA02	42	47	25	39	44	43	46	PN
R397	30 KUBYA ST, BLACKHEATH	Residential	NCA02	44	49	27	39	46	44	47	PN
R398	32 KUBYA ST, BLACKHEATH	Residential	NCA02	40	44	23	33	40	40	43	PN
R399	5 KUBYA ST, BLACKHEATH	Residential	NCA02	36	40	20	35	38	35	38	-
R401	7 KUBYA ST, BLACKHEATH	Residential	NCA02	39	43	23	39	43	38	41	-
R402	7 KUBYA ST, BLACKHEATH	Residential	NCA02	39	43	23	36	41	39	42	-
R403	9 KUBYA ST, BLACKHEATH	Residential	NCA02	41	46	24	37	42	42	45	PN
R404	1 KUNDBAR ST, BLACKHEATH	Residential	NCA02	42	47	26	40	44	41	44	PN
R405	27 KUNDBAR ST, BLACKHEATH	Residential	NCA02	33	37	16	32	35	33	36	-
R406	3 KUNDBAR ST, BLACKHEATH	Residential	NCA02	39	43	22	35	41	39	42	-
R407	3 KUNDBAR ST, BLACKHEATH	Residential	NCA02	40	44	23	35	43	40	43	PN
R408	7 KUNDBAR ST, BLACKHEATH	Residential	NCA02	40	44	23	37	41	41	44	PN
R409	27 LAKEVIEW AV, BLACKHEATH	Residential	NCA02	32	36	15	30	37	31	35	-
R410	1 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	43	47	26	39	44	41	45	PN
R411	10 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	37	PN
R412	14 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	37	PN
R413	16 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	36	PN
R414	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	37	39	20	38	43	33	36	-
R415	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	37	17	38	42	31	34	-
R416	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	36	16	37	42	30	33	-
R417	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	36	16	38	43	31	33	-
R418	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	34	45	18	38	42	32	35	PN
R419	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	42	31	33	PN
R420	26 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	30	34	13	33	37	28	31	-
R421	26 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	31	42	15	37	40	29	32	-
R422	28 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	30	41	14	36	39	29	31	-
R423	3 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	38	42	22	33	41	36	40	-
R424	30 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	31	41	15	36	39	29	32	-
R425	32 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	42	30	33	PN
R426	38 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	44	16	37	42	30	33	PN
R427	40 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	41	36	34	PN
R428	42 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	39	43	22	36	41	37	40	-
R429	5 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	39	22	37	40	38	41	-
R430	7 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	38	41	25	38	40	40	43	-
R431	20 MINYAGO ST, BLACKHEATH	Residential	NCA02	32	36	15	31	34	31	34	-
R432	22 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	40	18	31	36	33	37	-
R433	23 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	19	36	38	35	38	-
R434	24 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	38	18	34	37	34	37	-

Predicted construction noise levels: OOHV Period 1 (Evening)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R435	25 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	42	20	38	39	37	40	-
R436	27 MINYAGO ST, BLACKHEATH	Residential	NCA02	38	42	21	37	40	37	40	-
R437	28 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	43	20	35	39	37	40	-
R438	30 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	41	20	35	39	36	39	-
R439	33 MINYAGO ST, BLACKHEATH	Residential	NCA02	38	41	21	35	40	36	39	-
R440	33 MINYAGO ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN
R441	35 MINYAGO ST, BLACKHEATH	Residential	NCA02	41	45	24	38	43	40	43	PN
R442	37 MINYAGO ST, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN
R443	4 MINYAGO ST, BLACKHEATH	Residential	NCA02	36	40	19	35	38	36	38	-
R444	6 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	18	32	37	33	36	-
R445	8 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	38	-
R446	10-12 MINYAGO ST, BLACKHEATH	Residential	NCA02	30	35	14	27	32	30	33	-
R447	1 MURRI ST, BLACKHEATH	Residential	NCA01	52	54	36	60	54	48	51	PN, V, SN, RO
R449	10 MURRI ST, BLACKHEATH	Residential	NCA02	53	56	37	56	55	51	54	PN, V, SN, RO
R450	12 MURRI ST, BLACKHEATH	Residential	NCA02	50	54	33	58	53	48	51	PN, V, SN, RO
R451	2 MURRI ST, BLACKHEATH	Residential	NCA01	57	62	40	65	63	56	59	PN, V, SN, RO
R452	20 MURRI ST, BLACKHEATH	Residential	NCA02	48	51	31	52	50	46	49	PN
R453	22 MURRI ST, BLACKHEATH	Residential	NCA02	45	49	29	40	48	44	47	PN
R454	24 MURRI ST, BLACKHEATH	Residential	NCA02	47	51	30	47	49	46	49	PN
R455	26 MURRI ST, BLACKHEATH	Residential	NCA02	41	45	25	45	46	40	43	PN
R456	26 MURRI ST, BLACKHEATH	Residential	NCA02	44	48	27	41	48	43	46	PN
R457	30 MURRI ST, BLACKHEATH	Residential	NCA02	40	44	24	37	45	40	43	PN
R458	34 MURRI ST, BLACKHEATH	Residential	NCA02	38	42	21	37	42	37	40	-
R459	8 MURRI ST, BLACKHEATH	Residential	NCA02	52	57	36	56	58	51	53	PN, V, SN, RO
R460	8 MURRI ST, BLACKHEATH	Residential	NCA02	51	56	35	55	59	49	52	PN, V, SN, RO
R461	24 NIXON LANE, BLACKHEATH	Residential	NCA02	33	44	17	38	42	31	34	PN
R462	1 PARK AV, BLACKHEATH	Residential	NCA02	49	54	32	46	51	48	51	PN, V, SN, RO
R463	1 PARK AV, BLACKHEATH	Residential	NCA02	45	49	28	45	49	43	46	PN
R464	10 PARK AV, BLACKHEATH	Residential	NCA02	47	51	30	43	48	46	49	PN
R465	12 PARK AV, BLACKHEATH	Residential	NCA02	51	55	33	41	49	49	51	PN, V, SN, RO
R466	14 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	43	44	46	49	PN
R467	15 PARK AV, BLACKHEATH	Residential	NCA02	44	48	27	42	47	42	45	PN
R468	16 PARK AV, BLACKHEATH	Residential	NCA02	40	44	25	40	45	42	45	PN
R469	17 PARK AV, BLACKHEATH	Residential	NCA02	42	46	25	40	45	40	43	PN
R470	2 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	47	51	45	48	PN
R471	21 PARK AV, BLACKHEATH	Residential	NCA02	35	39	18	39	38	33	36	-
R472	23 PARK AV, BLACKHEATH	Residential	NCA02	41	45	24	40	45	39	42	PN
R473	25 PARK AV, BLACKHEATH	Residential	NCA02	42	46	25	40	45	40	43	PN
R474	27 PARK AV, BLACKHEATH	Residential	NCA02	33	37	16	29	34	31	34	-
R475	29 PARK AV, BLACKHEATH	Residential	NCA02	37	41	20	38	42	35	38	-
R476	3 PARK AV, BLACKHEATH	Residential	NCA02	49	53	32	45	51	47	50	PN
R477	33 PARK AV, BLACKHEATH	Residential	NCA02	39	44	22	39	43	37	40	PN
R478	35 PARK AV, BLACKHEATH	Residential	NCA02	39	43	22	38	42	37	40	-
R479	39 PARK AV, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	PN
R480	4 PARK AV, BLACKHEATH	Residential	NCA02	49	53	32	44	50	47	51	PN
R481	41 PARK AV, BLACKHEATH	Residential	NCA02	38	43	21	37	41	36	39	-
R482	5 PARK AV, BLACKHEATH	Residential	NCA02	46	50	29	44	49	44	47	PN
R483	6 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	42	51	46	49	PN
R484	7 PARK AV, BLACKHEATH	Residential	NCA02	45	49	28	43	48	43	46	PN
R485	8 PARK AV, BLACKHEATH	Residential	NCA02	48	53	31	42	50	47	50	PN
R486	9 PARK AV, BLACKHEATH	Educational institute	NCA02	38	42	21	37	41	36	39	-
R487	26-50 PARK AV, BLACKHEATH	Active recreation	NCA02	40	44	23	41	45	39	43	-
R488	9-11 PARK AV, BLACKHEATH	Educational institute	NCA02	41	45	24	38	44	39	42	-
R489	38 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	36	41	38	41	PN
R490	40 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	39	44	22	36	41	37	40	PN
R491	42 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	45	23	37	41	38	41	PN
R492	51 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN
R493	52 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	38	42	22	37	42	36	39	-
R494	54 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	38	41	PN
R495	55 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN
R496	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	45	23	37	42	38	41	PN
R497	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	38	43	21	37	41	38	41	-
R498	57 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN
R499	59 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN
R500	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	43	PN
R501	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	43	PN
R502	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	PN
R503	77 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	43	50	26	40	48	44	47	PN
R504	81 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	39	47	22	36	43	41	44	PN
R505	83 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	37	45	20	35	42	39	42	PN
R506	85 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	32	38	15	33	40	34	37	-

Predicted construction noise levels: OOHV Period 1 (Evening)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected					
		Non-residential:	Exceeds noise management level									
R507	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	41	45	24	37	42	39	42	PN	
R508	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	41	45	24	38	43	39	42	PN	
R509	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN	
R511	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	37	41	20	35	39	38	41	-	
R512	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	40	45	23	38	42	39	42	-	
R513	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	41	45	24	39	44	40	43	-	
R514	90-92 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	44	47	27	41	44	42	45	PN	
R515	10 RAILWAY AV, BLACKHEATH	Residential	NCA02	58	62	42	50	61	56	59	PN, V, SN, RO, RP, DR	
R516	12 RAILWAY AV, BLACKHEATH	Residential	NCA02	56	56	39	48	53	54	57	PN, V, SN, RO	
R517	14 RAILWAY AV, BLACKHEATH	Residential	NCA02	57	60	41	50	59	55	58	PN, V, SN, RO	
R518	2 RAILWAY AV, BLACKHEATH	Residential	NCA01	66	70	50	58	67	65	68	PN, V, SN, RO, RP, DR	
R519	4 RAILWAY AV, BLACKHEATH	Residential	NCA02	61	64	45	49	63	59	62	PN, V, SN, RO, RP, DR	
R520	7 RAILWAY AV, BLACKHEATH	Residential	NCA02	61	64	45	57	60	59	62	PN, V, SN, RO, RP, DR	
R521	8 RAILWAY AV, BLACKHEATH	Residential	NCA02	60	63	43	50	61	58	61	PN, V, SN, RO, RP, DR	
R522	9 RAILWAY AV, BLACKHEATH	Residential	NCA02	58	62	41	56	64	56	59	PN, V, SN, RO, RP, DR	
R523	1 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	51	53	35	50	52	50	53	PN	
R524	3 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	49	52	33	51	51	49	52	PN	
R525	5 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	48	50	31	49	49	47	50	PN	
R526	7 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	48	51	31	45	49	46	49	PN	
R527	5 RYDER LANE, BLACKHEATH	Residential	NCA02	39	44	22	39	42	38	41	PN	
R528	1 RYDER ST, BLACKHEATH	Residential	NCA02	38	43	22	38	41	38	41	-	
R529	11 RYDER ST, BLACKHEATH	Residential	NCA02	41	45	24	40	42	39	42	PN	
R530	5 RYDER ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	PN	
R531	5 RYDER ST, BLACKHEATH	Residential	NCA02	39	43	23	38	41	38	41	-	
R532	9 RYDER ST, BLACKHEATH	Residential	NCA02	41	45	24	39	42	39	43	PN	
R533	10 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	PN	
R534	11 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	44	43	46	PN	
R536	14 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	47	25	39	44	42	45	PN	
R537	14 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	PN	
R538	17 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	41	44	PN	
R539	18 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	41	44	PN	
R540	19 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	39	43	40	43	PN	
R541	24 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	44	PN	
R542	26 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN	
R543	26 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN	
R544	3 SHIPLEY RD, BLACKHEATH	Residential	NCA02	43	47	26	39	44	43	46	PN	
R545	30 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	43	41	44	PN	
R546	32 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	41	44	PN	
R547	34 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	PN	
R548	36 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN	
R549	38 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	PN	
R550	4 SHIPLEY RD, BLACKHEATH	Residential	NCA02	43	47	26	38	43	43	46	PN	
R551	42 SHIPLEY RD, BLACKHEATH	Residential	NCA02	40	44	23	37	42	40	43	PN	
R552	44 SHIPLEY RD, BLACKHEATH	Residential	NCA02	38	42	21	35	40	37	40	-	
R553	6 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	PN	
R554	8 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	45	48	PN	
R555	27-29 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN	
R556	46-48 SHIPLEY RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	PN	
R557	104 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	46	47	49	PN	
R558	107 STATION ST, BLACKHEATH	Residential	NCA01	46	50	29	41	47	45	48	PN	
R559	107 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	46	44	46	-	
R560	111 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	40	46	45	48	PN	
R561	112 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	41	47	46	48	PN	
R562	114 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	43	49	48	51	PN	
R563	114 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	42	47	48	51	PN	
R564	117 STATION ST, BLACKHEATH	Residential	NCA01	46	51	29	42	47	47	50	PN	
R565	118 STATION ST, BLACKHEATH	Residential	NCA01	50	54	33	45	51	50	53	PN	
R566	120 STATION ST, BLACKHEATH	Residential	NCA01	44	50	27	37	43	46	49	PN	
R567	123 STATION ST, BLACKHEATH	Commercial	NCA01	54	59	37	47	54	54	57	-	
R568	124 STATION ST, BLACKHEATH	Commercial	NCA01	58	63	41	49	58	60	63	-	
R569	124 STATION ST, BLACKHEATH	Commercial	NCA01	57	61	40	49	57	59	62	-	
R570	133 STATION ST, BLACKHEATH	Commercial	NCA01	66	70	50	56	66	66	69	N	
R571	134 STATION ST, BLACKHEATH	Commercial	NCA01	63	67	47	55	63	63	66	-	
R572	138 STATION ST, BLACKHEATH	Commercial	NCA02	66	69	50	61	68	64	67	N	
R573	139 STATION ST, BLACKHEATH	Residential	NCA02	64	68	49	63	69	63	66	PN, V, SN, RO, RP, DR	
R574	140 STATION ST, BLACKHEATH	Commercial	NCA02	62	65	46	65	68	60	63	-	
R575	146 STATION ST, BLACKHEATH	Residential	NCA01	55	56	38	58	59	51	53	PN, V, SN, RO	
R576	147 STATION ST, BLACKHEATH	Residential	NCA01	52	57	35	54	56	51	54	PN	
R577	148 STATION ST, BLACKHEATH	Residential	NCA01	47	52	30	50	52	46	50	PN	
R578	149 STATION ST, BLACKHEATH	Residential	NCA01	50	55	33	55	54	48	52	PN	
R579	150 STATION ST, BLACKHEATH	Residential	NCA02	41	46	24	45	44	39	43	PN	

Predicted construction noise levels: OOHV Period 1 (Evening)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected					
		Non-residential:	Exceeds noise management level									
R580	151 STATION ST, BLACKHEATH	Residential	NCA01	52	57	35	53	55	50	53	PN	
R581	153 STATION ST, BLACKHEATH	Residential	NCA01	50	55	33	51	53	48	52	PN	
R582	154 STATION ST, BLACKHEATH	Residential	NCA01	49	53	32	49	51	47	50	PN	
R583	155 STATION ST, BLACKHEATH	Residential	NCA01	46	51	29	47	49	44	48	PN	
R584	156 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	47	50	46	50	PN	
R585	157 STATION ST, BLACKHEATH	Residential	NCA01	47	51	30	47	50	45	48	PN	
R586	158 STATION ST, BLACKHEATH	Residential	NCA01	47	52	30	46	49	45	49	PN	
R587	160 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	47	50	46	48	PN	
R588	161 STATION ST, BLACKHEATH	Residential	NCA01	45	50	28	45	47	43	47	PN	
R589	162 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	43	47	43	46	PN	
R590	163 STATION ST, BLACKHEATH	Residential	NCA01	38	42	21	37	41	36	39	-	
R591	164 STATION ST, BLACKHEATH	Residential	NCA01	41	45	24	40	43	39	42	-	
R592	165 STATION ST, BLACKHEATH	Residential	NCA01	41	45	24	42	43	39	42	-	
R593	165 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	-	
R595	170 STATION ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	43	-	
R596	171 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	-	
R597	172 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	-	
R598	173 STATION ST, BLACKHEATH	Residential	NCA02	40	44	23	39	43	38	41	PN	
R599	174 STATION ST, BLACKHEATH	Residential	NCA01	39	44	22	38	42	37	40	-	
R600	174 STATION ST, BLACKHEATH	Residential	NCA01	39	43	22	38	41	38	41	-	
R602	95 STATION ST, BLACKHEATH	Residential	NCA02	42	47	25	38	43	44	47	PN	
R603	96 STATION ST, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	PN	
R604	97 STATION ST, BLACKHEATH	Residential	NCA02	41	45	24	36	42	41	44	PN	
R605	98 STATION ST, BLACKHEATH	Residential	NCA02	40	45	24	34	40	40	43	PN	
R606	99 STATION ST, BLACKHEATH	Residential	NCA02	45	49	28	40	46	45	48	PN	
R607	115-116 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	43	46	-	
R608	125-130 STATION ST, BLACKHEATH	Commercial	NCA01	62	66	45	54	62	62	65	-	
R609	132-133 STATION ST, BLACKHEATH	Residential	NCA01	63	68	46	55	63	64	67	PN, V, SN, RO, RP, DR	
R610	11 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	PN	
R611	13 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	PN	
R612	17 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	PN	
R613	19 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	PN	
R614	23 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	PN	
R615	29 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	PN	
R617	3 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	46	25	37	42	41	44	PN	
R618	31 STAVELEY PDE, BLACKHEATH	Residential	NCA02	39	42	22	36	41	37	40	-	
R619	5 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	45	24	37	42	41	44	PN	
R620	9 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	PN	
R621	15-15 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	PN	
R622	1 STURT ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN	
R623	9 STURT ST, BLACKHEATH	Residential	NCA02	42	46	25	40	44	41	44	PN	
R624	5-7 STURT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	42	39	42	PN	
R625	15 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN	
R626	21 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN	
R627	21 THIRROUL AV, BLACKHEATH	Residential	NCA02	43	48	26	43	46	42	45	PN	
R628	32 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	28	48	48	43	46	PN	
R629	5 THIRROUL AV, BLACKHEATH	Residential	NCA01	44	48	27	44	47	42	45	-	
R630	5 THIRROUL AV, BLACKHEATH	Residential	NCA01	42	47	25	42	45	40	44	-	
R631	57 THIRROUL AV, BLACKHEATH	Residential	NCA02	40	45	23	41	44	39	42	PN	
R632	63 THIRROUL AV, BLACKHEATH	Residential	NCA02	38	43	21	38	41	37	40	-	
R633	19-19 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	44	47	43	46	PN	
R634	40-50 THIRROUL AV, BLACKHEATH	Residential	NCA02	43	47	26	44	46	41	44	PN	
R635	65-67 THIRROUL AV, BLACKHEATH	Residential	NCA02	39	44	22	41	43	38	41	PN	
R636	1 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	47	27	41	45	43	45	PN	
R637	10 WARAGIL ST, BLACKHEATH	Residential	NCA02	49	53	35	46	52	48	51	PN	
R638	11 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	48	28	46	47	46	48	PN, V, SN, RO	
R639	12 WARAGIL ST, BLACKHEATH	Residential	NCA02	48	52	31	47	49	47	50	PN	
R640	15 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	29	47	52	52	55	PN, V, SN, RO	
R641	16 WARAGIL ST, BLACKHEATH	Residential	NCA02	56	59	39	50	53	54	57	PN, V, SN, RO	
R642	17 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	36	55	53	51	52	PN, V, SN, RO	
R643	19 WARAGIL ST, BLACKHEATH	Residential	NCA02	55	58	38	49	58	54	57	PN, V, SN, RO, RP, DR	
R644	19 WARAGIL ST, BLACKHEATH	Residential	NCA02	49	53	33	56	57	51	54	PN, V, SN, RO	
R645	2 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	45	25	40	46	40	43	PN	
R646	22 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	50	30	52	50	45	48	PN	
R647	22 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	51	30	50	52	46	49	PN	
R648	23 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	35	51	57	49	53	PN, V, SN, RO, RP, DR	
R649	24 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	29	55	53	43	46	PN, V, SN, RO	
R650	36 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	29	51	50	42	45	PN	
R651	37 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	51	30	54	52	45	48	PN, V, SN, RO	
R652	39 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	47	49	44	47	PN	
R653	42 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	27	44	47	43	46	PN	

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Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected					
		Non-residential:	Exceeds noise management level									
R654	42 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	28	46	48	43	46	PN	
R655	45 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	51	30	48	50	45	48	PN	
R656	49 WARAGIL ST, BLACKHEATH	Residential	NCA02	40	44	25	42	42	38	41	PN	
R657	5 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	50	29	44	48	45	48	PN, V, SN, RO	
R658	51 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	50	30	47	49	45	48	PN	
R659	52 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	29	45	50	43	46	PN	
R660	53 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	45	47	43	46	PN	
R661	54 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	27	43	47	41	44	PN	
R662	55 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	26	44	46	42	45	PN	
R663	56 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	50	29	46	49	44	47	PN	
R664	57 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	45	48	44	47	PN	
R665	58 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	47	28	42	45	41	44	PN	
R666	60 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	46	25	42	44	41	44	PN	
R667	61 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	27	44	46	42	45	PN	
R668	62 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	28	43	46	41	44	PN	
R669	65 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	47	24	42	44	41	44	PN	
R670	67 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	26	44	46	42	45	PN	
R671	69 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	46	25	42	44	41	44	PN	
R672	7 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	26	45	45	43	47	PN, V, SN, RO	
R673	71 WARAGIL ST, BLACKHEATH	Residential	NCA02	35	41	20	37	37	34	37	-	
R674	73 WARAGIL ST, BLACKHEATH	Residential	NCA02	39	45	22	40	42	39	42	PN	
R675	9 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	52	31	48	49	48	51	PN, V, SN, RO	
R676	31-33 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	34	56	55	49	52	PN, V, SN, RO	
R677	38-40 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	50	28	47	49	44	47	PN	
R678	4-6 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	45	25	43	46	41	44	PN	
R679	63-65 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN	
R680	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02	44	48	28	40	44	43	46	PN	
R681	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02	34	38	17	32	35	33	36	-	
R682	102 WENTWORTH ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	42	46	-	
R683	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	29	44	44	44	48	PN	
R684	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	28	41	44	44	47	PN	
R685	104 WENTWORTH ST, BLACKHEATH	Residential	NCA01	38	42	24	34	40	37	40	-	
R686	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02	38	42	24	42	40	38	41	-	
R687	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02	40	43	27	42	44	43	46	-	
R688	106 WENTWORTH ST, BLACKHEATH	Residential	NCA01	46	50	32	42	48	46	49	PN	
R689	108 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	46	50	30	42	48	45	49	-	
R690	111 WENTWORTH ST, BLACKHEATH	Residential	NCA02	46	56	29	46	52	45	48	PN, V, SN, RO	
R691	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	55	33	46	51	48	51	PN, V, SN, RO	
R692	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	54	33	45	51	48	51	PN, V, SN, RO	
R693	118 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	48	52	31	42	48	47	50	-	
R694	121 WENTWORTH ST, BLACKHEATH	Residential	NCA02	51	56	34	47	53	49	53	PN, V, SN, RO	
R695	122 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	41	45	27	36	42	43	46	-	
R696	124 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	53	26	47	53	43	46	PN	
R697	126 WENTWORTH ST, BLACKHEATH	Residential	NCA01	49	55	32	46	51	47	50	PN	
R698	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02	54	59	37	47	57	55	58	PN, V, SN, RO	
R699	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02	55	59	38	49	56	56	59	PN, V, SN, RO	
R700	128 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	61	37	49	57	52	55	PN, V, SN, RO	
R701	129 WENTWORTH ST, BLACKHEATH	Residential	NCA02	58	62	41	47	56	56	59	PN, V, SN, RO	
R702	130 WENTWORTH ST, BLACKHEATH	Residential	NCA01	55	60	38	52	55	53	56	PN, V, SN, RO	
R703	131 WENTWORTH ST, BLACKHEATH	Residential	NCA02	51	55	34	44	60	52	55	PN, V, SN, RO	
R704	132 WENTWORTH ST, BLACKHEATH	Residential	NCA01	52	57	35	49	59	50	53	PN, V, SN, RO	
R705	133 WENTWORTH ST, BLACKHEATH	Residential	NCA02	54	56	37	53	59	55	58	PN, V, SN, RO	
R706	134 WENTWORTH ST, BLACKHEATH	Residential	NCA01	59	64	42	49	60	58	61	PN, V, SN, RO	
R707	135 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	57	39	54	57	54	57	PN, V, SN, RO	
R708	137 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	60	39	55	58	54	57	PN, V, SN, RO	
R709	140 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	54	62	59	62	PN, V, SN, RO	
R710	142 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	55	62	60	63	PN, V, SN, RO	
R711	144 WENTWORTH ST, BLACKHEATH	Residential	NCA01	62	67	45	57	63	61	64	PN, V, SN, RO	
R712	152 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	58	37	54	57	52	55	PN	
R713	154 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	58	37	55	57	52	55	PN	
R714	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	54	33	47	49	48	51	PN	
R715	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01	53	58	36	54	56	52	55	PN	
R716	157 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	54	33	54	57	48	51	PN, V, SN, RO	
R717	159 WENTWORTH ST, BLACKHEATH	Residential	NCA02	48	53	31	53	53	47	50	PN	
R718	160 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	55	33	52	55	49	52	PN	
R719	162 WENTWORTH ST, BLACKHEATH	Residential	NCA01	49	53	32	49	50	47	50	PN	
R720	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02	53	56	36	54	57	51	54	PN, V, SN, RO	
R721	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02	52	56	35	52	55	50	53	PN, V, SN, RO	
R722	164 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	51	30	51	52	45	48	PN	
R723	165 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02	50	54	33	48	51	48	51	-	
R724	165 WENTWORTH ST, BLACKHEATH	Residential	NCA02	44	48	27	44	46	43	45	PN	

Predicted construction noise levels: OOHV Period 1 (Evening)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
			Non-residential:	Exceeds noise management level								
R725	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	53	30	47	50	45	48	PN	
R726	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	51	30	45	51	45	48	PN	
R727	168 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	54	33	47	52	48	52	PN	
R728	170 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	55	33	47	50	48	51	PN	
R729	172 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	50	28	46	48	43	47	PN	
R730	174 WENTWORTH ST, BLACKHEATH	Residential	NCA01	44	48	27	45	47	42	46	-	
R731	175 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	25	41	45	41	43	PN	
R732	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	PN	
R733	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	PN	
R734	178 WENTWORTH ST, BLACKHEATH	Residential	NCA01	42	47	25	41	45	41	44	-	
R735	179 WENTWORTH ST, BLACKHEATH	Residential	NCA02	41	44	24	41	45	39	42	PN	
R736	182 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	44	-	
R737	183 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	41	19	35	37	35	38	-	
R738	184 WENTWORTH ST, BLACKHEATH	Residential	NCA01	32	37	21	37	40	32	34	-	
R739	185 WENTWORTH ST, BLACKHEATH	Residential	NCA02	37	41	20	35	38	36	38	-	
R740	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01	41	45	24	40	43	39	42	-	
R741	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	44	-	
R742	187 WENTWORTH ST, BLACKHEATH	Residential	NCA02	35	39	18	32	36	34	36	-	
R743	189 WENTWORTH ST, BLACKHEATH	Residential	NCA02	35	40	18	32	37	35	37	-	
R744	191 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	40	18	32	37	35	37	-	
R745	193 WENTWORTH ST, BLACKHEATH	Residential	NCA02	31	36	14	28	32	31	33	-	
R746	194 WENTWORTH ST, BLACKHEATH	Residential	NCA01	31	36	14	33	35	29	32	-	
R747	198 WENTWORTH ST, BLACKHEATH	Residential	NCA01	36	41	19	35	38	34	38	-	
R748	200 WENTWORTH ST, BLACKHEATH	Residential	NCA01	33	37	17	36	39	31	34	-	
R749	69 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	40	19	33	38	34	37	-	
R750	70 WENTWORTH ST, BLACKHEATH	Residential	NCA01	40	44	23	36	41	38	42	-	
R751	72 WENTWORTH ST, BLACKHEATH	Residential	NCA01	39	43	22	36	41	38	41	-	
R752	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	34	37	20	30	35	32	35	-	
R753	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	29	33	14	26	31	28	31	-	
R754	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	39	43	22	36	40	37	40	-	
R755	76 WENTWORTH ST, BLACKHEATH	Residential	NCA01	39	43	22	36	41	38	42	-	
R756	77 WENTWORTH ST, BLACKHEATH	Residential	NCA02	38	42	21	35	40	37	42	-	
R757	79 WENTWORTH ST, BLACKHEATH	Residential	NCA02	40	44	24	36	42	39	42	PN	
R758	81 WENTWORTH ST, BLACKHEATH	Residential	NCA02	38	42	21	34	40	36	39	-	
R759	83 WENTWORTH ST, BLACKHEATH	Residential	NCA02	39	43	23	34	41	38	42	-	
R760	87 WENTWORTH ST, BLACKHEATH	Residential	NCA02	37	41	21	33	39	36	39	-	
R761	91 WENTWORTH ST, BLACKHEATH	Residential	NCA02	43	47	26	40	45	42	45	PN	
R762	95 WENTWORTH ST, BLACKHEATH	Educational institute	NCA02	44	48	27	41	46	43	46	-	
R763	97 WENTWORTH ST, BLACKHEATH	Residential	NCA02	45	49	28	40	46	44	47	PN	
R764	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01	46	49	31	41	47	45	48	PN	
R765	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	50	28	41	46	44	48	PN	
R766	99 WENTWORTH ST, BLACKHEATH	Residential	NCA02	45	49	28	41	45	44	47	PN	
R767	123-125 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02	55	59	38	51	57	55	57	N	
R768	136-138 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	54	61	60	63	PN, V, SN, RO	
R769	141-151 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	60	39	56	59	54	57	PN, V, SN, RO	
R770	188-192 WENTWORTH ST, BLACKHEATH	Residential	NCA01	32	36	15	32	34	30	33	-	
R771	22 WILLS LANE, BLACKHEATH	Residential	NCA02	39	45	22	36	42	39	42	PN	
R772	26 WILLS LANE, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN	
R773	16 WILLS ST, BLACKHEATH	Residential	NCA02	39	45	22	37	43	39	42	PN	
R774	22 WILLS ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	39	42	PN	
R775	10-10 WILLS ST, BLACKHEATH	Residential	NCA02	42	46	25	40	44	40	43	PN	
R776	6-10 WILLS ST, BLACKHEATH	Residential	NCA02	41	46	24	39	45	41	44	PN	
R778	1 WOMBAT ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	-	
R779	10 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	47	25	42	45	40	43	PN	
R780	11 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	PN	
R781	12 WOMBAT ST, BLACKHEATH	Residential	NCA02	37	42	20	37	40	36	39	-	
R782	16 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	40	43	40	43	PN	
R783	16 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	41	43	40	43	PN	
R784	17 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	23	39	42	38	41	PN	
R785	19 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	PN	
R786	2 WOMBAT ST, BLACKHEATH	Residential	NCA01	40	44	23	40	42	38	41	-	
R787	20 WOMBAT ST, BLACKHEATH	Residential	NCA02	36	41	22	38	39	37	40	-	
R788	21 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	44	23	40	43	39	42	PN	
R789	22 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	40	43	40	43	PN	
R790	25 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	45	24	41	43	39	42	PN	
R791	27 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	43	23	40	42	38	41	-	
R792	29 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	PN	
R793	3 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	38	41	PN	
R794	31 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	46	24	40	44	40	42	PN	
R795	34 WOMBAT ST, BLACKHEATH	Residential	NCA02	43	48	26	43	47	42	43	PN	
R796	35 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	46	23	40	44	39	42	PN	

Predicted construction noise levels: OOHV Period 1 (Evening)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential: ■ Noticeable ■ Clearly audible ■ Moderately intrusive ■ Highly intrusive Bold Highly noise affected Non-residential: ■ Exceeds noise management level								
R797	4 WOMBAT ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	43	-
R798	5 WOMBAT ST, BLACKHEATH	Residential	NCA02	37	41	22	37	39	36	39	-
R799	5 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	37	40	PN
R801	6 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	46	25	41	44	40	43	PN
R802	8 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	46	25	41	44	39	42	PN
R803	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	PN
R804	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	38	43	22	38	41	38	41	-
R805	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	36	41	19	36	39	35	38	-
R806	26-26 WOMBAT ST, BLACKHEATH	Residential	NCA02	44	48	27	41	46	40	43	PN
R807	6-8 YOUNG LANE, BLACKHEATH	Residential	NCA02	46	50	29	44	48	44	47	PN
R808	28A BUNDARRA ST, BLACKHEATH	Residential	NCA02	35	39	19	31	37	34	37	-
R809	2A BUNDARRA ST, BLACKHEATH	Residential	NCA01	46	50	28	40	46	46	49	PN
R810	11A CARYSFORT ST, BLACKHEATH	Residential	NCA02	41	45	24	33	42	40	43	PN
R811	20A EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	46	25	42	46	43	46	PN
R812	3A EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	45	27	44	49	43	46	PN
R813	8A GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	24	41	46	40	43	PN
R814	23A GORDON AV, BLACKHEATH	Residential	NCA02	38	42	21	38	44	41	43	PN
R815	4A GORDON AV, BLACKHEATH	Residential	NCA02	31	34	14	27	31	29	32	-
R816	5A GORDON AV, BLACKHEATH	Residential	NCA02	42	46	25	35	44	42	45	-
R817	211A GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	50	29	41	47	45	48	PN
R818	12A HAT HILL RD, BLACKHEATH	Residential	NCA02	49	53	32	52	56	48	51	PN, V, SN, RO
R819	36A HAT HILL RD, BLACKHEATH	Residential	NCA02	34	41	17	35	37	36	38	-
R820	37A HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	40	44	40	43	PN
R821	37A HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	41	44	41	44	PN
R822	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02	44	48	27	44	47	42	45	PN
R823	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02	45	49	28	44	48	43	46	PN
R825	139A STATION ST, BLACKHEATH	Residential	NCA02	58	62	42	55	65	56	59	PN, V, SN, RO, RP, DR
R826	141A STATION ST, BLACKHEATH	Residential	NCA01	61	65	45	77	69	59	62	PN, V, SN, RO, RP, DR
R827	27A STAVELEY PDE, BLACKHEATH	Residential	NCA02	38	42	21	36	41	38	41	-
R828	14A WARAGIL ST, BLACKHEATH	Residential	NCA02	52	56	36	52	53	50	53	PN, V, SN, RO
R829	198A WENTWORTH ST, BLACKHEATH	Residential	NCA01	37	41	20	36	39	34	38	-
R830	23A WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	41	43	39	42	PN
R831	9A WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	39	42	38	41	PN
R832	22B GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	44	49	29	43	46	45	48	-
R833	211B GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	47	51	32	43	49	46	49	-
R834	3B HAVILAND AV, BLACKHEATH	Residential	NCA02	51	55	35	45	53	52	55	PN, V, SN, RO, RP, DR
R835	6B INCONSTANT ST, BLACKHEATH	Residential	NCA02	53	57	36	49	55	52	55	PN, V, SN, RO
R836	8B INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	31	51	54	48	51	PN, V, SN, RO
R837	60B THIRROUL AV, BLACKHEATH	Educational institute	NCA02	42	47	25	43	47	41	43	-
R838	1B WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	PN

Predicted construction noise levels: OOHV Period 2 (Night)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R001	3 ABBOTT ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	44	45	PN, V
R002	1 BELLEVUE AV, BLACKHEATH	Residential	NCA02	45	49	29	40	46	43	46	PN, V
R003	25 BELLEVUE AV, BLACKHEATH	Residential	NCA02	41	45	24	36	42	39	42	PN, V
R004	3 BELLEVUE AV, BLACKHEATH	Residential	NCA02	45	49	29	43	46	45	48	PN, V
R005	4 BELLEVUE AV, BLACKHEATH	Residential	NCA02	41	43	26	41	49	43	46	PN, V
R006	5 BELLEVUE AV, BLACKHEATH	Residential	NCA02	53	57	36	48	51	51	54	PN, V, SN, RP, DR
R007	9 BELLEVUE AV, BLACKHEATH	Residential	NCA02	46	51	30	44	48	47	49	PN, V, SN, RP, DR
R008	1 BRADLEY AV, BLACKHEATH	Residential	NCA01	55	59	39	64	62	53	56	PN, V, SN, AA, RP, DR
R009	10 BRADLEY AV, BLACKHEATH	Residential	NCA02	48	51	32	54	54	46	49	PN, V, SN, RP, DR
R010	5 BRADLEY AV, BLACKHEATH	Residential	NCA02	56	60	41	62	61	54	57	PN, V, SN, AA, RP, DR
R011	8 BRADLEY AV, BLACKHEATH	Residential	NCA02	49	51	32	58	57	47	50	PN, V, SN, AA, RP, DR
R012	1-3 BRADLEY AV, BLACKHEATH	Residential	NCA01	59	63	42	67	67	57	60	PN, V, SN, AA, RP, DR
R013	6-8 BRADLEY AV, BLACKHEATH	Residential	NCA02	55	58	38	59	56	53	56	PN, V, SN, AA, RP, DR
R014	7-11 BRADLEY AV, BLACKHEATH	Residential	NCA02	49	53	32	54	59	48	51	PN, V, SN, RP, DR
R015	1 BUNDARRA ST, BLACKHEATH	Residential	NCA01	48	52	32	46	50	48	51	PN, V, SN, RP, DR
R016	14 BUNDARRA ST, BLACKHEATH	Residential	NCA02	46	49	30	45	47	45	48	PN, V
R017	16 BUNDARRA ST, BLACKHEATH	Residential	NCA02	36	39	19	33	35	34	37	PN
R018	18 BUNDARRA ST, BLACKHEATH	Residential	NCA02	38	42	21	37	39	37	40	PN, V
R019	2 BUNDARRA ST, BLACKHEATH	Residential	NCA01	52	56	35	45	51	52	55	PN, V, SN, RP, DR
R020	20 BUNDARRA ST, BLACKHEATH	Residential	NCA02	37	42	20	39	39	37	39	PN, V
R021	24 BUNDARRA ST, BLACKHEATH	Residential	NCA02	35	40	18	34	44	35	38	PN, V
R022	29 BUNDARRA ST, BLACKHEATH	Residential	NCA02	37	41	20	41	48	37	40	PN, V
R023	3 BUNDARRA ST, BLACKHEATH	Residential	NCA02	49	53	33	49	53	48	51	PN, V, SN, RP, DR
R024	30 BUNDARRA ST, BLACKHEATH	Residential	NCA02	34	39	18	35	40	36	38	PN
R025	34 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	35	14	34	36	30	33	PN
R026	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	34	14	29	34	30	33	-
R027	36 BUNDARRA ST, BLACKHEATH	Residential	NCA02	31	34	14	30	35	31	34	-
R028	39 BUNDARRA ST, BLACKHEATH	Residential	NCA02	39	43	24	39	44	38	41	PN, V
R029	43 BUNDARRA ST, BLACKHEATH	Residential	NCA02	43	45	29	43	47	43	46	PN, V
R030	45 BUNDARRA ST, BLACKHEATH	Residential	NCA02	42	43	26	40	44	40	43	PN, V
R031	5 BUNDARRA ST, BLACKHEATH	Residential	NCA02	50	54	35	48	53	49	52	PN, V, SN, RP, DR
R032	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	49	28	42	46	44	47	PN, V
R033	6 BUNDARRA ST, BLACKHEATH	Place of worship	NCA02	44	49	27	41	45	44	47	-
R034	6 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	49	29	43	46	44	47	PN, V
R035	7 BUNDARRA ST, BLACKHEATH	Residential	NCA02	47	51	31	44	49	47	50	PN, V, SN, RP, DR
R037	8 BUNDARRA ST, BLACKHEATH	Residential	NCA02	44	48	27	40	46	42	45	PN, V
R038	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02	45	50	29	39	47	44	47	PN, V, SN, RP, DR
R039	9 BUNDARRA ST, BLACKHEATH	Residential	NCA02	49	54	32	44	50	49	52	PN, V, SN, RP, DR
R040	1 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	26	38	46	42	44	PN, V
R041	10 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	41	PN, V
R042	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02	38	42	21	34	39	37	39	PN, V
R043	12 CARYSFORT ST, BLACKHEATH	Residential	NCA02	30	34	13	28	32	29	31	-
R044	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02	42	46	25	38	43	41	44	PN, V
R045	13 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	37	40	39	42	PN, V
R046	15 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	35	39	39	42	PN, V
R047	16 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	30	35	34	37	PN
R048	2 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	27	43	47	42	45	PN, V
R049	20 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	30	36	33	36	PN
R050	21 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	35	42	38	41	PN, V
R051	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	37	PN
R052	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	30	33	13	29	36	28	31	PN
R053	22 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	38	PN
R054	23 CARYSFORT ST, BLACKHEATH	Residential	NCA02	34	38	17	31	37	33	35	PN
R055	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	37	41	38	41	PN, V
R056	25 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	45	23	38	43	40	42	PN, V
R057	26 CARYSFORT ST, BLACKHEATH	Residential	NCA02	37	41	20	34	38	36	39	PN, V
R058	27 CARYSFORT ST, BLACKHEATH	Residential	NCA02	38	42	21	35	40	38	41	PN, V
R059	28 CARYSFORT ST, BLACKHEATH	Residential	NCA02	36	41	19	34	38	36	39	PN, V
R060	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02	35	42	18	30	38	37	40	PN, V
R061	29 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	45	23	36	41	40	42	PN, V
R062	3 CARYSFORT ST, BLACKHEATH	Residential	NCA02	44	48	27	41	44	43	45	PN, V
R063	30 CARYSFORT ST, BLACKHEATH	Residential	NCA02	33	39	16	27	32	35	38	PN
R064	31 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	44	23	37	43	39	42	PN, V
R065	33 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	43	22	36	40	38	40	PN, V
R066	35 CARYSFORT ST, BLACKHEATH	Residential	NCA02	39	44	22	35	41	38	41	PN, V
R067	4 CARYSFORT ST, BLACKHEATH	Residential	NCA02	42	47	25	41	43	41	43	PN, V
R068	7 CARYSFORT ST, BLACKHEATH	Residential	NCA02	43	47	26	41	44	42	45	PN, V
R069	8 CARYSFORT ST, BLACKHEATH	Residential	NCA02	40	44	23	40	42	39	41	PN, V
R071	4 CECIL RD, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	PN, V
R072	5 CECIL RD, BLACKHEATH	Residential	NCA02	38	43	21	38	41	37	40	PN, V
R073	1-3 CECIL RD, BLACKHEATH	Residential	NCA02	38	43	21	37	41	37	40	PN, V

Predicted construction noise levels: OOHV Period 2 (Night)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected			
			Non-residential:	Exceeds noise management level							
R074	6-8 CECIL RD, BLACKHEATH	Residential	NCA02	34	39	17	32	36	34	37	PN
R075	56 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	39	20	33	38	33	36	PN
R076	58 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	32	36	19	32	35	31	34	PN
R077	60 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	40	21	33	39	34	37	PN
R078	62 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	34	38	21	31	35	32	35	PN
R079	64 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	37	43	23	38	37	37	40	PN, V
R080	66 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	39	43	26	40	41	41	44	PN, V
R081	70 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	34	38	23	38	37	38	41	PN, V
R082	72 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	38	41	23	39	42	36	39	PN, V
R083	74 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	40	44	26	40	41	41	44	PN, V
R084	74 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	35	39	19	39	40	33	36	PN, V
R085	76 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	36	40	19	40	39	34	37	PN, V
R086	78 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	40	44	23	40	45	38	41	PN, V
R087	80 CLANWILLIAM ST, BLACKHEATH	Residential	NCA02	39	43	22	40	45	37	40	PN, V
R088	15 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	37	41	20	32	39	36	38	PN, V
R089	21 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	42	PN, V
R090	22 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	36	40	19	33	36	34	37	PN
R091	23 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN, V
R092	26 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	37	41	20	34	39	36	38	PN, V
R093	27 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN, V
R094	29 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	40	43	PN, V
R095	30 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	38	42	21	36	40	37	39	PN, V
R096	31 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	40	45	23	39	45	42	45	PN, V
R097	32 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	39	43	22	37	41	38	41	PN, V
R099	38 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	35	41	18	31	38	36	39	PN, V
R100	34-36 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	38	43	22	37	41	38	40	PN, V
R101	34-36 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	38	42	21	37	40	37	40	PN, V
R102	7-9 CLEOPATRA ST, BLACKHEATH	Residential	NCA02	36	40	19	34	38	34	37	PN
R103	11 CLIFF LANE, BLACKHEATH	Residential	NCA02	34	38	17	30	36	33	35	PN
R104	8 CLIFF LANE, BLACKHEATH	Residential	NCA02	31	36	14	30	34	31	33	PN
R105	1 CLYDE AV, BLACKHEATH	Residential	NCA02	52	54	35	49	56	52	55	PN, V, SN, RP, DR
R106	10 CLYDE AV, BLACKHEATH	Residential	NCA02	44	48	28	46	49	46	50	PN, V
R107	11 CLYDE AV, BLACKHEATH	Residential	NCA02	45	48	28	48	49	44	47	PN, V
R108	12 CLYDE AV, BLACKHEATH	Residential	NCA02	46	50	30	46	50	46	49	PN, V
R109	16 CLYDE AV, BLACKHEATH	Residential	NCA02	47	51	31	46	51	46	49	PN, V, SN, RP, DR
R110	2 CLYDE AV, BLACKHEATH	Residential	NCA02	49	53	33	47	52	53	56	PN, V, SN, RP, DR
R111	3 CLYDE AV, BLACKHEATH	Residential	NCA02	50	53	33	49	52	50	53	PN, V, SN, RP, DR
R112	4 CLYDE AV, BLACKHEATH	Residential	NCA02	52	54	36	49	53	52	55	PN, V, SN, RP, DR
R113	5 CLYDE AV, BLACKHEATH	Residential	NCA02	46	50	30	47	48	46	50	PN, V, SN, RP, DR
R114	6 CLYDE AV, BLACKHEATH	Residential	NCA02	45	50	28	45	49	46	49	PN, V
R115	7 CLYDE AV, BLACKHEATH	Residential	NCA02	47	51	31	46	46	48	51	PN, V, SN, RP, DR
R116	8 CLYDE AV, BLACKHEATH	Residential	NCA02	44	49	28	46	51	46	49	PN, V, SN, RP, DR
R117	23-25 CLYDE AV, BLACKHEATH	Residential	NCA02	44	48	28	46	48	46	49	PN, V
R118	1 EVELEIGH AV, BLACKHEATH	Residential	NCA02	38	41	21	40	44	38	41	PN, V
R119	15 EVELEIGH AV, BLACKHEATH	Residential	NCA02	49	53	32	47	50	47	50	PN, V, SN, RP, DR
R120	17 EVELEIGH AV, BLACKHEATH	Residential	NCA02	51	53	35	45	50	49	51	PN, V, SN, RP, DR
R121	18 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	30	45	49	46	49	PN, V
R122	20 EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	46	25	44	49	42	45	PN, V
R123	22 EVELEIGH AV, BLACKHEATH	Residential	NCA02	44	47	27	43	50	44	47	PN, V
R124	24 EVELEIGH AV, BLACKHEATH	Residential	NCA02	36	40	19	45	45	35	38	PN, V
R125	25 EVELEIGH AV, BLACKHEATH	Residential	NCA02	41	46	26	44	45	41	45	PN, V
R126	26 EVELEIGH AV, BLACKHEATH	Residential	NCA02	43	45	26	47	48	42	45	PN, V
R127	28 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	48	29	46	49	44	47	PN, V
R128	3 EVELEIGH AV, BLACKHEATH	Residential	NCA02	37	41	21	40	44	38	41	PN, V
R129	30 EVELEIGH AV, BLACKHEATH	Residential	NCA02	44	48	28	45	46	42	45	PN, V
R130	32 EVELEIGH AV, BLACKHEATH	Residential	NCA02	40	44	23	41	44	38	42	PN, V
R131	34 EVELEIGH AV, BLACKHEATH	Residential	NCA02	40	44	24	42	43	40	43	PN, V
R132	4 EVELEIGH AV, BLACKHEATH	Residential	NCA02	45	46	29	40	45	43	46	PN, V
R133	6 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	29	43	48	44	47	PN, V
R134	7 EVELEIGH AV, BLACKHEATH	Residential	NCA02	45	48	29	44	48	43	46	PN, V
R135	8 EVELEIGH AV, BLACKHEATH	Residential	NCA02	46	50	29	37	46	45	48	PN, V
R136	8 EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	45	25	42	41	40	43	PN, V
R137	10 GARDINER CR, BLACKHEATH	Residential	NCA02	43	47	26	41	45	41	44	PN, V
R138	14 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	41	46	41	45	PN, V
R139	2 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	41	46	40	43	PN, V
R140	20 GARDINER CR, BLACKHEATH	Residential	NCA02	45	49	28	36	46	44	48	PN, V
R141	26 GARDINER CR, BLACKHEATH	Residential	NCA02	43	45	26	37	47	45	48	PN, V
R142	28 GARDINER CR, BLACKHEATH	Residential	NCA02	45	52	28	40	53	49	52	PN, V, SN, RP, DR
R143	3 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	40	44	40	43	PN, V
R144	30 GARDINER CR, BLACKHEATH	Residential	NCA02	55	55	38	46	52	53	56	PN, V, SN, RP, DR
R145	32 GARDINER CR, BLACKHEATH	Residential	NCA02	49	54	32	45	54	54	57	PN, V, SN, RP, DR

Predicted construction noise levels: OOHV Period 2 (Night)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
			Non-residential:	Exceeds noise management level								
R146	37 GARDINER CR, BLACKHEATH	Passive recreation	NCA01	60	63	43	57	62	58	61	N	
R147	8 GARDINER CR, BLACKHEATH	Residential	NCA02	42	46	25	42	45	42	45	PN, V	
R148	1 GOODARE ST, BLACKHEATH	Residential	NCA02	40	47	23	41	45	39	43	PN, V	
R149	11 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	25	40	45	40	42	PN, V	
R150	12 GOODARE ST, BLACKHEATH	Residential	NCA02	37	42	21	40	44	35	38	PN, V	
R151	15 GOODARE ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	PN, V	
R152	16 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	PN, V	
R153	16 GOODARE ST, BLACKHEATH	Residential	NCA02	42	46	25	43	47	40	43	PN, V	
R154	20 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	27	44	47	42	45	PN, V	
R155	20 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	28	45	47	43	45	PN, V	
R156	21 GOODARE ST, BLACKHEATH	Residential	NCA02	44	48	27	43	46	42	45	PN, V	
R157	22 GOODARE ST, BLACKHEATH	Residential	NCA02	44	48	27	45	47	42	45	PN, V	
R158	25 GOODARE ST, BLACKHEATH	Residential	NCA02	42	46	25	43	46	41	44	PN, V	
R159	26 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	26	44	46	42	45	PN, V	
R160	4 GOODARE ST, BLACKHEATH	Residential	NCA02	41	45	24	42	45	40	43	PN, V	
R161	8 GOODARE ST, BLACKHEATH	Residential	NCA02	41	45	25	42	46	40	43	PN, V	
R162	17-19 GOODARE ST, BLACKHEATH	Residential	NCA02	43	47	26	43	46	41	44	PN, V	
R163	3-5 GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	24	42	44	40	43	PN, V	
R164	10 GORDON AV, BLACKHEATH	Residential	NCA02	40	44	23	33	38	38	41	PN, V	
R165	14 GORDON AV, BLACKHEATH	Residential	NCA02	39	43	22	33	41	37	40	PN, V	
R166	15 GORDON AV, BLACKHEATH	Residential	NCA02	35	43	22	31	40	39	42	PN, V	
R167	16 GORDON AV, BLACKHEATH	Residential	NCA02	39	43	22	31	38	39	41	PN, V	
R168	17 GORDON AV, BLACKHEATH	Residential	NCA02	34	38	18	35	37	37	40	PN, V	
R169	19 GORDON AV, BLACKHEATH	Residential	NCA02	36	40	20	41	41	39	42	PN, V	
R170	22 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	36	40	35	38	PN	
R171	24 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	41	39	35	38	PN, V	
R172	27 GORDON AV, BLACKHEATH	Residential	NCA02	33	37	16	40	42	34	37	PN, V	
R173	29 GORDON AV, BLACKHEATH	Residential	NCA02	40	42	23	41	45	38	41	PN, V	
R174	3 GORDON AV, BLACKHEATH	Residential	NCA02	41	45	25	40	43	39	42	PN, V	
R175	30 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	15	39	37	33	36	PN	
R176	30 GORDON AV, BLACKHEATH	Residential	NCA02	33	35	16	35	36	31	34	PN	
R177	35 GORDON AV, BLACKHEATH	Residential	NCA02	36	40	21	37	41	34	37	PN, V	
R178	40 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	15	31	34	31	34	PN	
R179	40 GORDON AV, BLACKHEATH	Residential	NCA02	32	36	16	30	36	31	34	PN	
R180	41 GORDON AV, BLACKHEATH	Residential	NCA02	35	39	19	34	37	33	37	PN	
R181	7 GORDON AV, BLACKHEATH	Residential	NCA02	38	42	21	32	38	37	40	PN, V	
R182	8 GORDON AV, BLACKHEATH	Residential	NCA02	36	41	19	33	35	35	38	PN, V	
R183	9 GORDON AV, BLACKHEATH	Residential	NCA02	41	45	25	40	44	41	44	PN, V	
R184	18-20 GORDON AV, BLACKHEATH	Residential	NCA02	34	38	18	39	37	37	40	PN, V	
R185	31-33 GORDON AV, BLACKHEATH	Residential	NCA02	38	41	21	41	43	37	40	PN, V	
R186	100 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	42	38	41	PN, V	
R187	102 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	22	37	42	37	40	PN, V	
R188	106 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	32	36	15	32	36	30	33	PN	
R189	108 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	PN, V	
R190	20 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	43	47	29	40	45	45	48	-	
R191	35 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	41	45	26	43	48	40	43	-	
R192	36 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	43	47	26	48	49	41	44	-	
R193	46 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	37	45	20	40	47	35	38	-	
R194	52 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	34	46	17	42	44	32	36	-	
R195	54 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	47	51	30	43	48	45	48	-	
R196	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	23	40	45	37	40	PN, V	
R197	59 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	33	43	16	37	40	31	34	PN, V	
R198	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	50	27	42	46	42	45	PN, V	
R199	62 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	47	26	40	45	41	44	PN, V	
R200	63 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	37	47	22	40	45	35	38	PN, V	
R201	64 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	45	49	28	42	47	43	46	PN, V	
R202	65 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	47	21	39	44	37	39	PN, V	
R203	66 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	25	41	44	40	43	PN, V	
R204	67 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	48	24	40	45	40	43	PN, V	
R205	68 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	26	41	44	41	44	PN, V	
R206	69 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	48	25	40	45	41	44	PN, V	
R207	70 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	43	47	26	41	45	41	44	PN, V	
R208	71 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	47	25	39	44	40	43	PN, V	
R209	72 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	50	27	41	46	42	45	PN, V	
R210	73 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	39	42	PN, V	
R211	75 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	39	42	PN, V	
R212	76 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	45	50	27	41	46	43	46	PN, V	
R213	77 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	40	43	PN, V	
R214	77 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	32	43	16	37	41	34	36	PN, V	
R215	78 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	47	24	39	43	39	42	PN, V	
R216	79 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	42	21	35	40	36	39	PN, V	

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			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
			Non-residential:	Exceeds noise management level								
R217	8 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	55	60	40	47	57	55	59	-	
R218	81 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	38	44	21	38	41	36	39	PN, V	
R219	82 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	44	48	27	40	45	42	45	PN, V	
R220	83 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	39	42	PN, V	
R221	84 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	PN, V	
R222	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	36	40	19	35	39	34	37	PN	
R223	86 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	43	38	41	PN, V	
R224	89 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	PN, V	
R225	90 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	44	22	38	43	37	40	PN, V	
R226	91 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	38	41	PN, V	
R227	92 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	43	22	38	43	37	40	PN, V	
R228	94 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	37	41	20	37	41	36	39	PN, V	
R229	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	35	39	18	33	37	33	36	PN	
R230	96 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	33	37	16	31	36	31	34	PN	
R231	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	35	39	18	36	40	33	36	PN	
R232	98 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	PN, V	
R233	102-104 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	40	43	PN, V	
R234	15-17 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	45	49	28	39	46	44	47	-	
R235	19-25 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	45	49	29	38	47	45	48	-	
R236	27-29 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	43	47	31	46	45	47	50	-	
R237	32-34 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	42	49	26	46	46	41	44	-	
R238	32-34 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	42	48	26	46	51	42	44	PN, V, SN, RP, DR	
R239	40-42 GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA02	41	46	25	45	50	41	43	-	
R240	43-45 GOVETTS LEAP RD, BLACKHEATH	Place of worship	NCA02	42	46	25	43	48	39	42	-	
R241	55-55 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	39	49	23	42	46	37	40	PN, V	
R242	85-87 GOVETTS LEAP RD, BLACKHEATH	Residential	NCA02	40	46	23	37	42	38	41	PN, V	
R243	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	38	42	22	35	40	36	39	-	
R244	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	38	42	21	35	40	36	41	-	
R245	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	47	51	30	42	48	45	48	-	
R246	201 GREAT WESTERN HWY, BLACKHEATH	Educational institute	NCA01	43	48	26	40	45	42	46	-	
R247	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	47	51	30	43	48	46	49	PN, V, SN, RP, DR	
R248	209 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	41	46	43	48	PN, V	
R249	213 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	48	27	40	45	42	46	PN, V	
R250	215 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	49	53	32	44	50	48	52	-	
R251	220 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	68	75	51	57	67	71	74	N	
R252	228 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	49	53	32	44	50	48	52	-	
R253	235 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	51	55	34	45	52	50	54	-	
R254	263 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	71	77	54	61	71	70	73	N	
R255	264 GREAT WESTERN HWY, BLACKHEATH	Industrial	NCA01	84	95	66	60	74	99	102	N	
R256	265 GREAT WESTERN HWY, BLACKHEATH	Passive recreation	NCA01	67	71	50	67	72	65	68	N	
R257	277 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	55	59	38	57	58	53	56	PN, V, SN, RP, DR	
R258	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	54	58	37	52	55	52	55	PN, V, SN, RP, DR	
R259	281 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	53	58	36	56	57	51	55	PN, V, SN, RP, DR	
R260	284 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	51	55	34	54	56	49	52	PN, V, SN, RP, DR	
R261	286 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	50	55	33	52	54	48	52	PN, V, SN, RP, DR	
R262	287 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	49	53	32	49	52	47	50	PN, V, SN, RP, DR	
R263	288 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	50	29	47	49	44	47	PN, V	
R264	291 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	47	52	30	46	49	45	49	PN, V, SN, RP, DR	
R265	293 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	51	29	45	48	44	48	PN, V, SN, RP, DR	
R266	294 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	43	46	43	46	PN, V	
R267	297 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	42	45	42	45	PN, V	
R268	298 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	42	46	42	46	PN, V	
R269	299 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	PN, V	
R270	300 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	43	48	26	42	45	41	45	PN, V	
R271	301 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	41	46	24	41	44	40	43	PN, V	
R272	302 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	38	43	21	35	40	36	40	PN, V	
R273	194-196 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	48	27	40	45	43	45	PN, V	
R274	195-195 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	42	46	25	38	44	40	43	PN, V	
R275	197-199 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	42	46	26	38	43	40	43	PN, V	
R276	197-199 GREAT WESTERN HWY, BLACKHEATH	Active recreation	NCA01	41	45	24	37	42	39	43	-	
R277	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	44	48	31	41	45	43	47	-	
R278	217-221 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	52	31	42	49	47	50	-	
R279	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	51	55	34	46	52	50	54	-	
R280	223-225 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	52	31	43	49	48	51	-	
R281	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	46	50	30	42	48	47	50	-	
R282	226-227 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	48	53	31	44	50	48	52	-	
R283	240-244 GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	60	64	43	50	60	61	65	-	
R284	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	51	56	34	54	54	49	53	PN, V, SN, RP, DR	
R285	279-282 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	54	58	37	52	57	52	55	PN, V, SN, RP, DR	
R286	289-290 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	49	53	32	48	51	47	50	PN, V, SN, RP, DR	
R287	295-296 GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	44	49	27	43	46	42	46	PN, V	

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			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
			Non-residential:	Exceeds noise management level								
R288	10 HAT HILL RD, BLACKHEATH	Residential	NCA01	55	59	38	51	59	53	56	PN, V, SN, RP, DR	
R289	11 HAT HILL RD, BLACKHEATH	Residential	NCA02	53	56	36	50	55	51	54	PN, V, SN, RP, DR	
R290	12 HAT HILL RD, BLACKHEATH	Residential	NCA02	50	55	33	50	56	49	51	PN, V, SN, RP, DR	
R291	14 HAT HILL RD, BLACKHEATH	Residential	NCA02	49	54	32	51	53	48	51	PN, V, SN, RP, DR	
R292	16 HAT HILL RD, BLACKHEATH	Residential	NCA02	49	53	32	50	52	48	51	PN, V, SN, RP, DR	
R293	18 HAT HILL RD, BLACKHEATH	Residential	NCA02	48	52	31	49	53	47	50	PN, V, SN, RP, DR	
R294	19 HAT HILL RD, BLACKHEATH	Residential	NCA02	46	50	29	41	48	46	49	PN, V	
R295	21 HAT HILL RD, BLACKHEATH	Residential	NCA02	38	42	21	36	39	40	43	PN, V	
R296	21 HAT HILL RD, BLACKHEATH	Residential	NCA02	45	49	28	42	45	43	47	PN, V	
R297	22 HAT HILL RD, BLACKHEATH	Residential	NCA02	46	50	29	44	48	45	48	PN, V	
R298	24 HAT HILL RD, BLACKHEATH	Residential	NCA02	44	48	27	36	45	44	46	PN, V	
R299	26 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	34	44	43	45	PN, V	
R300	27 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	45	26	38	44	41	44	PN, V	
R301	27 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	46	26	41	44	42	45	PN, V	
R302	28 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	34	43	43	46	PN, V	
R303	3 HAT HILL RD, BLACKHEATH	Residential	NCA02	51	55	34	55	58	50	53	PN, V, SN, RP, DR	
R304	30 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	30	41	42	45	PN, V	
R305	31 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	41	45	41	44	PN, V	
R306	32 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	35	42	42	44	PN, V	
R307	34 HAT HILL RD, BLACKHEATH	Residential	NCA02	43	48	26	38	44	43	45	PN, V	
R308	36 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	34	41	41	43	PN, V	
R309	38 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	22	29	39	40	43	PN, V	
R310	39 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	40	45	41	44	PN, V	
R311	40 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	23	34	42	41	44	PN, V	
R312	42 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	45	22	37	42	40	43	PN, V	
R313	44 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	43	PN, V	
R314	45 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	37	41	39	42	PN, V	
R315	45 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	PN, V	
R316	48 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	37	43	41	43	PN, V	
R317	49 HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	37	43	40	43	PN, V	
R318	50 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	40	43	PN, V	
R319	52 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	43	PN, V	
R320	52 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	45	23	38	41	40	43	PN, V	
R321	53 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	37	41	39	43	PN, V	
R322	54 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	36	42	39	42	PN, V	
R323	55 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	43	PN, V	
R324	55 HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN, V	
R325	56 HAT HILL RD, BLACKHEATH	Residential	NCA02	38	43	21	35	40	38	40	PN, V	
R326	58 HAT HILL RD, BLACKHEATH	Residential	NCA02	40	45	23	38	43	40	42	PN, V	
R327	60 HAT HILL RD, BLACKHEATH	Residential	NCA02	37	42	20	29	40	37	40	PN, V	
R328	62 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	44	22	37	41	39	41	PN, V	
R329	66 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	34	40	37	40	PN, V	
R330	66 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	22	37	41	38	41	PN, V	
R331	68 HAT HILL RD, BLACKHEATH	Residential	NCA02	39	43	21	37	41	38	41	PN, V	
R332	9 HAT HILL RD, BLACKHEATH	Residential	NCA02	53	57	36	50	52	51	54	PN, V, SN, RP, DR	
R333	2-8 HAT HILL RD, BLACKHEATH	Place of worship	NCA01	56	61	39	58	60	55	58	N	
R334	2-8 HAT HILL RD, BLACKHEATH	Residential	NCA01	58	61	40	60	61	55	58	PN, V, SN, AA, RP, DR	
R336	2 HAVILAND AV, BLACKHEATH	Residential	NCA02	49	53	32	44	51	47	50	PN, V, SN, RP, DR	
R338	4 HAVILAND AV, BLACKHEATH	Residential	NCA02	53	57	36	48	54	52	55	PN, V, SN, RP, DR	
R340	6 HAVILAND AV, BLACKHEATH	Residential	NCA02	52	56	36	47	52	51	54	PN, V, SN, RP, DR	
R342	8 HAVILAND AV, BLACKHEATH	Residential	NCA02	51	56	34	47	52	59	62	PN, V, SN, AA, RP, DR	
R343	9 HAVILAND AV, BLACKHEATH	Residential	NCA02	51	56	35	46	53	50	53	PN, V, SN, RP, DR	
R344	20 HELVETIA RD, BLACKHEATH	Residential	NCA02	33	38	16	33	39	34	37	PN	
R345	11-27 HELVETIA RD, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN, V	
R346	1 HYDORA LANE, BLACKHEATH	Residential	NCA02	43	51	26	46	53	41	44	PN, V, SN, RP, DR	
R347	20 HYDORA LANE, BLACKHEATH	Residential	NCA01	53	58	36	47	52	51	54	PN, V, SN, RP, DR	
R348	20 HYDORA LANE, BLACKHEATH	Commercial	NCA01	64	69	47	55	63	64	67	-	
R349	10 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	31	50	54	48	51	PN, V, SN, RP, DR	
R350	12 INCONSTANT ST, BLACKHEATH	Residential	NCA02	49	53	33	50	54	48	51	PN, V, SN, RP, DR	
R351	14 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	34	47	54	47	50	PN, V, SN, RP, DR	
R352	15 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	31	47	51	48	50	PN, V, SN, RP, DR	
R353	2 INCONSTANT ST, BLACKHEATH	Residential	NCA02	50	57	33	49	52	52	55	PN, V, SN, RP, DR	
R354	21 INCONSTANT ST, BLACKHEATH	Residential	NCA02	45	49	28	42	45	45	48	PN, V	
R355	25 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	45	19	36	37	41	43	PN, V	
R356	27 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	33	36	PN	
R357	31 INCONSTANT ST, BLACKHEATH	Residential	NCA02	28	32	13	30	33	27	30	-	
R358	35 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	35	38	34	37	PN	
R359	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	39	18	32	37	33	36	PN, V	
R360	39 INCONSTANT ST, BLACKHEATH	Residential	NCA02	37	42	20	33	39	36	39	PN, V	
R361	4 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	52	36	47	55	49	52	PN, V, SN, RP, DR	
R362	40 INCONSTANT ST, BLACKHEATH	Residential	NCA02	38	42	21	38	38	37	40	PN, V	

Predicted construction noise levels: OOHV Period 2 (Night)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly intrusive	Highly intrusive	Highly noise affected	
			Non-residential:	Exceeds noise management level							
R363	41 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	14	31	33	30	32	-
R364	42 INCONSTANT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	41	38	41	PN, V
R365	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	18	32	37	34	37	PN
R366	43 INCONSTANT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	PN, V
R367	44 INCONSTANT ST, BLACKHEATH	Residential	NCA02	33	39	16	32	35	34	36	PN
R368	46 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	14	31	34	29	32	-
R369	47 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	41	19	33	38	35	38	PN, V
R370	48 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	38	19	33	38	33	35	PN
R371	50 INCONSTANT ST, BLACKHEATH	Residential	NCA02	31	35	16	33	36	30	32	PN
R372	51 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	34	36	34	37	PN
R373	52 INCONSTANT ST, BLACKHEATH	Residential	NCA02	34	37	18	34	38	32	35	PN
R374	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02	27	31	11	27	31	25	28	-
R375	54 INCONSTANT ST, BLACKHEATH	Residential	NCA02	32	36	17	33	36	32	35	PN
R376	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	34	38	34	37	PN
R377	56 INCONSTANT ST, BLACKHEATH	Residential	NCA02	36	40	19	32	37	34	37	PN
R378	16-18 INCONSTANT ST, BLACKHEATH	Residential	NCA02	51	54	34	50	53	49	52	PN, V, SN, RP, DR
R379	38-38 INCONSTANT ST, BLACKHEATH	Residential	NCA02	35	39	18	32	37	33	36	PN
R380	9-13 INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	31	50	50	47	50	PN, V, SN, RP, DR
R381	1 KAMILAROI ST, BLACKHEATH	Residential	NCA02	40	45	24	38	43	39	42	PN, V
R382	5 KAMILAROI ST, BLACKHEATH	Residential	NCA02	41	44	24	38	43	39	42	PN, V
R383	9 KAMILAROI ST, BLACKHEATH	Residential	NCA02	40	44	23	39	43	40	43	PN, V
R384	15 KANIMBLA RD, BLACKHEATH	Residential	NCA02	41	45	24	41	44	39	42	PN, V
R385	17 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	PN, V
R386	19 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	23	39	43	38	42	PN, V
R387	21 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	PN, V
R388	23 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	PN, V
R389	25 KANIMBLA RD, BLACKHEATH	Residential	NCA02	39	44	23	39	42	38	41	PN, V
R390	26 KANIMBLA RD, BLACKHEATH	Residential	NCA02	38	43	21	37	41	37	40	PN, V
R391	3 KANIMBLA RD, BLACKHEATH	Residential	NCA02	43	47	26	42	47	42	45	PN, V
R392	5 KANIMBLA RD, BLACKHEATH	Residential	NCA02	42	47	26	42	46	41	44	PN, V
R393	9 KANIMBLA RD, BLACKHEATH	Residential	NCA02	40	44	23	40	43	40	43	PN, V
R394	11 KENNEDY ST, BLACKHEATH	Residential	NCA02	41	45	24	39	43	42	45	PN, V
R395	7 KENNEDY ST, BLACKHEATH	Residential	NCA02	40	44	24	38	43	39	43	PN, V
R396	25 KUBYA ST, BLACKHEATH	Residential	NCA02	42	47	25	39	44	43	46	PN, V
R397	30 KUBYA ST, BLACKHEATH	Residential	NCA02	44	49	27	39	46	44	47	PN, V
R398	32 KUBYA ST, BLACKHEATH	Residential	NCA02	40	44	23	33	40	40	43	PN, V
R399	5 KUBYA ST, BLACKHEATH	Residential	NCA02	36	40	20	35	38	35	38	PN
R401	7 KUBYA ST, BLACKHEATH	Residential	NCA02	39	43	23	39	43	38	41	PN, V
R402	7 KUBYA ST, BLACKHEATH	Residential	NCA02	39	43	23	36	41	39	42	PN, V
R403	9 KUBYA ST, BLACKHEATH	Residential	NCA02	41	46	24	37	42	42	45	PN, V
R404	1 KUNDBAR ST, BLACKHEATH	Residential	NCA02	42	47	26	40	44	41	44	PN, V
R405	27 KUNDBAR ST, BLACKHEATH	Residential	NCA02	33	37	16	32	35	33	36	PN
R406	3 KUNDBAR ST, BLACKHEATH	Residential	NCA02	39	43	22	35	41	39	42	PN, V
R407	3 KUNDBAR ST, BLACKHEATH	Residential	NCA02	40	44	23	35	43	40	43	PN, V
R408	7 KUNDBAR ST, BLACKHEATH	Residential	NCA02	40	44	23	37	41	41	44	PN, V
R409	27 LAKEVIEW AV, BLACKHEATH	Residential	NCA02	32	36	15	30	37	31	35	PN
R410	1 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	43	47	26	39	44	41	45	PN, V
R411	10 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	37	PN, V
R412	14 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	37	PN, V
R413	16 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	40	20	39	44	34	36	PN, V
R414	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	37	39	20	38	43	33	36	PN, V
R415	20 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	37	17	38	42	31	34	PN, V
R416	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	36	16	37	42	30	33	PN, V
R417	22 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	36	16	38	43	31	33	PN, V
R418	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	34	45	18	38	42	32	35	PN, V
R419	24 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	42	31	33	PN, V
R420	26 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	30	34	13	33	37	28	31	PN
R421	26 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	31	42	15	37	40	29	32	PN, V
R422	28 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	30	41	14	36	39	29	31	PN, V
R423	3 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	38	42	22	33	41	36	40	PN, V
R424	30 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	31	41	15	36	39	29	32	PN, V
R425	32 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	42	30	33	PN, V
R426	38 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	32	44	16	37	42	30	33	PN, V
R427	40 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	33	44	17	37	41	36	34	PN, V
R428	42 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	39	43	22	36	41	37	40	PN, V
R429	5 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	36	39	22	37	40	38	41	PN, V
R430	7 LEICHHARDT ST, BLACKHEATH	Residential	NCA02	38	41	25	38	40	40	43	PN, V
R431	20 MINYAGO ST, BLACKHEATH	Residential	NCA02	32	36	15	31	34	31	34	PN
R432	22 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	40	18	31	36	33	37	PN
R433	23 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	19	36	38	35	38	PN
R434	24 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	38	18	34	37	34	37	PN

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		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Highly noise affected					
		Non-residential:	Exceeds noise management level									
R435	25 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	42	20	38	39	37	40	PN, V	
R436	27 MINYAGO ST, BLACKHEATH	Residential	NCA02	38	42	21	37	40	37	40	PN, V	
R437	28 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	43	20	35	39	37	40	PN, V	
R438	30 MINYAGO ST, BLACKHEATH	Residential	NCA02	37	41	20	35	39	36	39	PN, V	
R439	33 MINYAGO ST, BLACKHEATH	Residential	NCA02	38	41	21	35	40	36	39	PN, V	
R440	33 MINYAGO ST, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN, V	
R441	35 MINYAGO ST, BLACKHEATH	Residential	NCA02	41	45	24	38	43	40	43	PN, V	
R442	37 MINYAGO ST, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN, V	
R443	4 MINYAGO ST, BLACKHEATH	Residential	NCA02	36	40	19	35	38	36	38	PN	
R444	6 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	18	32	37	33	36	PN	
R445	8 MINYAGO ST, BLACKHEATH	Residential	NCA02	35	39	18	33	37	35	38	PN	
R446	10-12 MINYAGO ST, BLACKHEATH	Residential	NCA02	30	35	14	27	32	30	33	-	
R447	1 MURRI ST, BLACKHEATH	Residential	NCA01	52	54	36	60	54	48	51	PN, V, SN, RP, DR	
R449	10 MURRI ST, BLACKHEATH	Residential	NCA02	53	56	37	56	55	51	54	PN, V, SN, RP, DR	
R450	12 MURRI ST, BLACKHEATH	Residential	NCA02	50	54	33	58	53	48	51	PN, V, SN, RP, DR	
R451	2 MURRI ST, BLACKHEATH	Residential	NCA01	57	62	40	65	63	56	59	PN, V, SN, AA, RP, DR	
R452	20 MURRI ST, BLACKHEATH	Residential	NCA02	48	51	31	52	50	46	49	PN, V, SN, RP, DR	
R453	22 MURRI ST, BLACKHEATH	Residential	NCA02	45	49	29	40	48	44	47	PN, V, SN, RP, DR	
R454	24 MURRI ST, BLACKHEATH	Residential	NCA02	47	51	30	47	49	46	49	PN, V, SN, RP, DR	
R455	26 MURRI ST, BLACKHEATH	Residential	NCA02	41	45	25	45	46	40	43	PN, V	
R456	26 MURRI ST, BLACKHEATH	Residential	NCA02	44	48	27	41	48	43	46	PN, V	
R457	30 MURRI ST, BLACKHEATH	Residential	NCA02	40	44	24	37	45	40	43	PN, V	
R458	34 MURRI ST, BLACKHEATH	Residential	NCA02	38	42	21	37	42	37	40	PN, V	
R459	8 MURRI ST, BLACKHEATH	Residential	NCA02	52	57	36	56	58	51	53	PN, V, SN, RP, DR	
R460	8 MURRI ST, BLACKHEATH	Residential	NCA02	51	56	35	55	59	49	52	PN, V, SN, RP, DR	
R461	24 NIXON LANE, BLACKHEATH	Residential	NCA02	33	44	17	38	42	31	34	PN, V	
R462	1 PARK AV, BLACKHEATH	Residential	NCA02	49	54	32	46	51	48	51	PN, V, SN, RP, DR	
R463	1 PARK AV, BLACKHEATH	Residential	NCA02	45	49	28	45	49	43	46	PN, V	
R464	10 PARK AV, BLACKHEATH	Residential	NCA02	47	51	30	43	48	46	49	PN, V, SN, RP, DR	
R465	12 PARK AV, BLACKHEATH	Residential	NCA02	51	55	33	41	49	49	51	PN, V, SN, RP, DR	
R466	14 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	43	44	46	49	PN, V, SN, RP, DR	
R467	15 PARK AV, BLACKHEATH	Residential	NCA02	44	48	27	42	47	42	45	PN, V	
R468	16 PARK AV, BLACKHEATH	Residential	NCA02	40	44	25	40	45	42	45	PN, V	
R469	17 PARK AV, BLACKHEATH	Residential	NCA02	42	46	25	40	45	40	43	PN, V	
R470	2 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	47	51	45	48	PN, V, SN, RP, DR	
R471	21 PARK AV, BLACKHEATH	Residential	NCA02	35	39	18	39	38	33	36	PN	
R472	23 PARK AV, BLACKHEATH	Residential	NCA02	41	45	24	40	45	39	42	PN, V	
R473	25 PARK AV, BLACKHEATH	Residential	NCA02	42	46	25	40	45	40	43	PN, V	
R474	27 PARK AV, BLACKHEATH	Residential	NCA02	33	37	16	29	34	31	34	PN	
R475	29 PARK AV, BLACKHEATH	Residential	NCA02	37	41	20	38	42	35	38	PN, V	
R476	3 PARK AV, BLACKHEATH	Residential	NCA02	49	53	32	45	51	47	50	PN, V, SN, RP, DR	
R477	33 PARK AV, BLACKHEATH	Residential	NCA02	39	44	22	39	43	37	40	PN, V	
R478	35 PARK AV, BLACKHEATH	Residential	NCA02	39	43	22	38	42	37	40	PN, V	
R479	39 PARK AV, BLACKHEATH	Residential	NCA02	40	44	23	38	42	38	41	PN, V	
R480	4 PARK AV, BLACKHEATH	Residential	NCA02	49	53	32	44	50	47	51	PN, V, SN, RP, DR	
R481	41 PARK AV, BLACKHEATH	Residential	NCA02	38	43	21	37	41	36	39	PN, V	
R482	5 PARK AV, BLACKHEATH	Residential	NCA02	46	50	29	44	49	44	47	PN, V	
R483	6 PARK AV, BLACKHEATH	Residential	NCA02	47	52	30	42	51	46	49	PN, V, SN, RP, DR	
R484	7 PARK AV, BLACKHEATH	Residential	NCA02	45	49	28	43	48	43	46	PN, V	
R485	8 PARK AV, BLACKHEATH	Residential	NCA02	48	53	31	42	50	47	50	PN, V, SN, RP, DR	
R486	9 PARK AV, BLACKHEATH	Educational institute	NCA02	38	42	21	37	41	36	39	-	
R487	26-50 PARK AV, BLACKHEATH	Active recreation	NCA02	40	44	23	41	45	39	43	-	
R488	9-11 PARK AV, BLACKHEATH	Educational institute	NCA02	41	45	24	38	44	39	42	-	
R489	38 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	36	41	38	41	PN, V	
R490	40 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	39	44	22	36	41	37	40	PN, V	
R491	42 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	45	23	37	41	38	41	PN, V	
R492	51 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN, V	
R493	52 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	38	42	22	37	42	36	39	PN, V	
R494	54 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	38	41	PN, V	
R495	55 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN, V	
R496	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	45	23	37	42	38	41	PN, V	
R497	56 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	38	43	21	37	41	38	41	PN, V	
R498	57 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN, V	
R499	59 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN, V	
R500	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	43	PN, V	
R501	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	43	PN, V	
R502	61 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	PN, V	
R503	77 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	43	50	26	40	48	44	47	PN, V	
R504	81 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	39	47	22	36	43	41	44	PN, V	
R505	83 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	37	45	20	35	42	39	42	PN, V	
R506	85 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	32	38	15	33	40	34	37	PN	

Predicted construction noise levels: OOHV Period 2 (Night)

Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold Highly noise affected			
			Non-residential:	Exceeds noise management level							
R507	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	41	45	24	37	42	39	42	PN, V
R508	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	41	45	24	38	43	39	42	PN, V
R509	63-65 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN, V
R511	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	37	41	20	35	39	38	41	-
R512	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	40	45	23	38	42	39	42	-
R513	67-69 PRINCE EDWARD ST, BLACKHEATH	Passive recreation	NCA02	41	45	24	39	44	40	43	-
R514	90-92 PRINCE EDWARD ST, BLACKHEATH	Residential	NCA02	44	47	27	41	44	42	45	PN, V
R515	10 RAILWAY AV, BLACKHEATH	Residential	NCA02	58	62	42	50	61	56	59	PN, V, SN, AA, RP, DR
R516	12 RAILWAY AV, BLACKHEATH	Residential	NCA02	56	56	39	48	53	54	57	PN, V, SN, AA, RP, DR
R517	14 RAILWAY AV, BLACKHEATH	Residential	NCA02	57	60	41	50	59	55	58	PN, V, SN, AA, RP, DR
R518	2 RAILWAY AV, BLACKHEATH	Residential	NCA01	66	70	50	58	67	65	68	PN, V, SN, AA, RP, DR
R519	4 RAILWAY AV, BLACKHEATH	Residential	NCA02	61	64	45	49	63	59	62	PN, V, SN, AA, RP, DR
R520	7 RAILWAY AV, BLACKHEATH	Residential	NCA02	61	64	45	57	60	59	62	PN, V, SN, AA, RP, DR
R521	8 RAILWAY AV, BLACKHEATH	Residential	NCA02	60	63	43	50	61	58	61	PN, V, SN, AA, RP, DR
R522	9 RAILWAY AV, BLACKHEATH	Residential	NCA02	58	62	41	56	54	56	59	PN, V, SN, AA, RP, DR
R523	1 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	51	53	35	50	52	50	53	PN, V, SN, RP, DR
R524	3 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	49	52	33	51	51	49	52	PN, V, SN, RP, DR
R525	5 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	48	50	31	49	49	47	50	PN, V
R526	7 ROSEMARY LANE, BLACKHEATH	Residential	NCA02	48	51	31	45	49	46	49	PN, V, SN, RP, DR
R527	5 RYDER LANE, BLACKHEATH	Residential	NCA02	39	44	22	39	42	38	41	PN, V
R528	1 RYDER ST, BLACKHEATH	Residential	NCA02	38	43	22	38	41	38	41	PN, V
R529	11 RYDER ST, BLACKHEATH	Residential	NCA02	41	45	24	40	42	39	42	PN, V
R530	5 RYDER ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	PN, V
R531	5 RYDER ST, BLACKHEATH	Residential	NCA02	39	43	23	38	41	38	41	PN, V
R532	9 RYDER ST, BLACKHEATH	Residential	NCA02	41	45	24	39	42	39	43	PN, V
R533	10 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	PN, V
R534	11 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	44	43	46	PN, V
R536	14 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	47	25	39	44	42	45	PN, V
R537	14 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	PN, V
R538	17 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	41	44	PN, V
R539	18 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	41	44	PN, V
R540	19 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	39	43	40	43	PN, V
R541	24 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	46	24	38	43	41	44	PN, V
R542	26 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN, V
R543	26 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN, V
R544	3 SHIPLEY RD, BLACKHEATH	Residential	NCA02	43	47	26	39	44	43	46	PN, V
R545	30 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	43	41	44	PN, V
R546	32 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	39	43	41	44	PN, V
R547	34 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	PN, V
R548	36 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN, V
R549	38 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	PN, V
R550	4 SHIPLEY RD, BLACKHEATH	Residential	NCA02	43	47	26	38	43	43	46	PN, V
R551	42 SHIPLEY RD, BLACKHEATH	Residential	NCA02	40	44	23	37	42	40	43	PN, V
R552	44 SHIPLEY RD, BLACKHEATH	Residential	NCA02	38	42	21	35	40	37	40	PN, V
R553	6 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	PN, V
R554	8 SHIPLEY RD, BLACKHEATH	Residential	NCA02	42	46	25	38	43	45	48	PN, V
R555	27-29 SHIPLEY RD, BLACKHEATH	Residential	NCA02	41	45	24	38	42	40	43	PN, V
R556	46-48 SHIPLEY RD, BLACKHEATH	Residential	NCA02	40	44	23	37	41	39	42	PN, V
R557	104 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	46	47	49	PN, V
R558	107 STATION ST, BLACKHEATH	Residential	NCA01	46	50	29	41	47	45	48	PN, V
R559	107 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	46	44	46	PN, V
R560	111 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	40	46	45	48	PN, V
R561	112 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	41	47	46	48	PN, V
R562	114 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	43	49	48	51	PN, V, SN, RP, DR
R563	114 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	42	47	48	51	PN, V, SN, RP, DR
R564	117 STATION ST, BLACKHEATH	Residential	NCA01	46	51	29	42	47	47	50	PN, V
R565	118 STATION ST, BLACKHEATH	Residential	NCA01	50	54	33	45	51	50	53	PN, V, SN, RP, DR
R566	120 STATION ST, BLACKHEATH	Residential	NCA01	44	50	27	37	43	46	49	PN, V
R567	123 STATION ST, BLACKHEATH	Commercial	NCA01	54	59	37	47	54	54	57	-
R568	124 STATION ST, BLACKHEATH	Commercial	NCA01	58	63	41	49	58	60	63	-
R569	124 STATION ST, BLACKHEATH	Commercial	NCA01	57	61	40	49	57	59	62	-
R570	133 STATION ST, BLACKHEATH	Commercial	NCA01	66	70	50	56	66	66	69	N
R571	134 STATION ST, BLACKHEATH	Commercial	NCA01	63	67	47	55	63	63	66	-
R572	138 STATION ST, BLACKHEATH	Commercial	NCA02	66	69	50	61	68	64	67	N
R573	139 STATION ST, BLACKHEATH	Residential	NCA02	64	68	49	63	69	63	66	PN, V, SN, AA, RP, DR
R574	140 STATION ST, BLACKHEATH	Commercial	NCA02	62	65	46	65	68	60	63	-
R575	146 STATION ST, BLACKHEATH	Residential	NCA01	55	56	38	58	59	51	53	PN, V, SN, RP, DR
R576	147 STATION ST, BLACKHEATH	Residential	NCA01	52	57	35	54	56	51	54	PN, V, SN, RP, DR
R577	148 STATION ST, BLACKHEATH	Residential	NCA01	47	52	30	50	52	46	50	PN, V, SN, RP, DR
R578	149 STATION ST, BLACKHEATH	Residential	NCA01	50	55	33	55	54	48	52	PN, V, SN, RP, DR
R579	150 STATION ST, BLACKHEATH	Residential	NCA02	41	46	24	45	44	39	43	PN, V

Predicted construction noise levels: OOHV Period 2 (Night)

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		Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
		Non-residential: Exceeds noise management level									
R580	151 STATION ST, BLACKHEATH	Residential	NCA01	52	57	35	53	55	50	53	PN, V, SN, RP, DR
R581	153 STATION ST, BLACKHEATH	Residential	NCA01	50	55	33	51	53	48	52	PN, V, SN, RP, DR
R582	154 STATION ST, BLACKHEATH	Residential	NCA01	49	53	32	49	51	47	50	PN, V, SN, RP, DR
R583	155 STATION ST, BLACKHEATH	Residential	NCA01	46	51	29	47	49	44	48	PN, V
R584	156 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	47	50	46	50	PN, V, SN, RP, DR
R585	157 STATION ST, BLACKHEATH	Residential	NCA01	47	51	30	47	50	45	48	PN, V, SN, RP, DR
R586	158 STATION ST, BLACKHEATH	Residential	NCA01	47	52	30	46	49	45	49	PN, V, SN, RP, DR
R587	160 STATION ST, BLACKHEATH	Residential	NCA01	48	52	31	47	50	46	48	PN, V, SN, RP, DR
R588	161 STATION ST, BLACKHEATH	Residential	NCA01	45	50	28	45	47	43	47	PN, V
R589	162 STATION ST, BLACKHEATH	Residential	NCA01	45	49	28	43	47	43	46	PN, V
R590	163 STATION ST, BLACKHEATH	Residential	NCA01	38	42	21	37	41	36	39	PN, V
R591	164 STATION ST, BLACKHEATH	Residential	NCA01	41	45	24	40	43	39	42	PN, V
R592	165 STATION ST, BLACKHEATH	Residential	NCA01	41	45	24	42	43	39	42	PN, V
R593	165 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	PN, V
R595	170 STATION ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	43	PN, V
R596	171 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	PN, V
R597	172 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	PN, V
R598	173 STATION ST, BLACKHEATH	Residential	NCA01	40	44	23	39	43	38	41	PN, V
R599	174 STATION ST, BLACKHEATH	Residential	NCA01	39	44	22	38	42	37	40	PN, V
R600	174 STATION ST, BLACKHEATH	Residential	NCA01	39	43	22	38	41	38	41	PN, V
R602	95 STATION ST, BLACKHEATH	Residential	NCA02	42	47	25	38	43	44	47	PN, V
R603	96 STATION ST, BLACKHEATH	Residential	NCA02	42	46	25	38	43	42	45	PN, V
R604	97 STATION ST, BLACKHEATH	Residential	NCA02	41	45	24	36	42	41	44	PN, V
R605	98 STATION ST, BLACKHEATH	Residential	NCA02	40	45	24	34	40	40	43	PN, V
R606	99 STATION ST, BLACKHEATH	Residential	NCA02	45	49	28	40	46	45	48	PN, V
R607	115-116 STATION ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	43	46	PN, V
R608	125-130 STATION ST, BLACKHEATH	Commercial	NCA01	62	66	45	54	62	62	65	-
R609	132-133 STATION ST, BLACKHEATH	Residential	NCA01	63	68	46	55	63	64	67	PN, V, SN, AA, RP, DR
R610	11 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	PN, V
R611	13 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	PN, V
R612	17 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	PN, V
R613	19 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	PN, V
R614	23 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	44	23	36	41	39	42	PN, V
R615	29 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	45	24	37	42	40	43	PN, V
R617	3 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	46	25	37	42	41	44	PN, V
R618	31 STAVELEY PDE, BLACKHEATH	Residential	NCA02	39	42	22	36	41	37	40	PN, V
R619	5 STAVELEY PDE, BLACKHEATH	Residential	NCA02	41	45	24	37	42	41	44	PN, V
R620	9 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	PN, V
R621	15-15 STAVELEY PDE, BLACKHEATH	Residential	NCA02	40	45	23	37	42	40	43	PN, V
R622	1 STURT ST, BLACKHEATH	Residential	NCA02	40	44	23	37	42	39	42	PN, V
R623	9 STURT ST, BLACKHEATH	Residential	NCA02	42	46	25	40	44	41	44	PN, V
R624	5-7 STURT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	42	39	42	PN, V
R625	15 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN, V
R626	21 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN, V
R627	21 THIRROUL AV, BLACKHEATH	Residential	NCA02	43	48	26	43	46	42	45	PN, V
R628	32 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	28	48	48	43	46	PN, V
R629	5 THIRROUL AV, BLACKHEATH	Residential	NCA01	44	48	27	44	47	42	45	PN, V
R630	5 THIRROUL AV, BLACKHEATH	Residential	NCA01	42	47	25	42	45	40	44	PN, V
R631	57 THIRROUL AV, BLACKHEATH	Residential	NCA02	40	45	23	41	44	39	42	PN, V
R632	63 THIRROUL AV, BLACKHEATH	Residential	NCA02	38	43	21	38	41	37	40	PN, V
R633	19-19 THIRROUL AV, BLACKHEATH	Residential	NCA02	44	49	27	44	47	43	46	PN, V
R634	40-50 THIRROUL AV, BLACKHEATH	Residential	NCA02	43	47	26	44	46	41	44	PN, V
R635	65-67 THIRROUL AV, BLACKHEATH	Residential	NCA02	39	44	22	41	43	38	41	PN, V
R636	1 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	47	27	41	45	43	45	PN, V
R637	10 WARAGIL ST, BLACKHEATH	Residential	NCA02	49	53	35	46	52	48	51	PN, V, SN, RP, DR
R638	11 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	48	28	46	47	46	48	PN, V, SN, RP, DR
R639	12 WARAGIL ST, BLACKHEATH	Residential	NCA02	48	52	31	47	49	47	50	PN, V, SN, RP, DR
R640	15 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	29	47	52	52	55	PN, V, SN, RP, DR
R641	16 WARAGIL ST, BLACKHEATH	Residential	NCA02	56	59	39	50	53	54	57	PN, V, SN, RP, DR
R642	17 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	36	55	53	51	52	PN, V, SN, RP, DR
R643	19 WARAGIL ST, BLACKHEATH	Residential	NCA02	55	58	38	49	58	54	57	PN, V, SN, AA, RP, DR
R644	19 WARAGIL ST, BLACKHEATH	Residential	NCA02	49	53	33	56	57	51	54	PN, V, SN, RP, DR
R645	2 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	45	25	40	46	40	43	PN, V
R646	22 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	50	30	52	50	45	48	PN, V, SN, RP, DR
R647	22 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	51	30	50	52	46	49	PN, V, SN, RP, DR
R648	23 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	35	51	57	49	53	PN, V, SN, AA, RP, DR
R649	24 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	29	55	53	43	46	PN, V, SN, RP, DR
R650	36 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	29	51	50	42	45	PN, V, SN, RP, DR
R651	37 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	51	30	54	52	45	48	PN, V, SN, RP, DR
R652	39 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	47	49	44	47	PN, V
R653	42 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	27	44	47	43	46	PN, V

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Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
			Non-residential:	Exceeds noise management level								
R654	42 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	28	46	48	43	46	PN, V	
R655	45 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	51	30	48	50	45	48	PN, V, SN, RP, DR	
R656	49 WARAGIL ST, BLACKHEATH	Residential	NCA02	40	44	25	42	42	38	41	PN, V	
R657	5 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	50	29	44	48	45	48	PN, V, SN, RP, DR	
R658	51 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	50	30	47	49	45	48	PN, V	
R659	52 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	29	45	50	43	46	PN, V	
R660	53 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	45	47	43	46	PN, V	
R661	54 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	27	43	47	41	44	PN, V	
R662	55 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	26	44	46	42	45	PN, V	
R663	56 WARAGIL ST, BLACKHEATH	Residential	NCA02	46	50	29	46	49	44	47	PN, V	
R664	57 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	49	28	45	48	44	47	PN, V	
R665	58 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	47	28	42	45	41	44	PN, V	
R666	60 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	46	25	42	44	41	44	PN, V	
R667	61 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	27	44	46	42	45	PN, V	
R668	62 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	28	43	46	41	44	PN, V	
R669	65 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	47	24	42	44	41	44	PN, V	
R670	67 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	48	26	44	46	42	45	PN, V	
R671	69 WARAGIL ST, BLACKHEATH	Residential	NCA02	42	46	25	42	44	41	44	PN, V	
R672	7 WARAGIL ST, BLACKHEATH	Residential	NCA02	43	47	26	45	45	43	47	PN, V, SN, RP, DR	
R673	71 WARAGIL ST, BLACKHEATH	Residential	NCA02	35	41	20	37	37	34	37	PN, V	
R674	73 WARAGIL ST, BLACKHEATH	Residential	NCA02	39	45	22	40	42	39	42	PN, V	
R675	9 WARAGIL ST, BLACKHEATH	Residential	NCA02	47	52	31	48	49	48	51	PN, V, SN, RP, DR	
R676	31-33 WARAGIL ST, BLACKHEATH	Residential	NCA02	51	55	34	56	55	49	52	PN, V, SN, RP, DR	
R677	38-40 WARAGIL ST, BLACKHEATH	Residential	NCA02	45	50	28	47	49	44	47	PN, V	
R678	4-6 WARAGIL ST, BLACKHEATH	Residential	NCA02	41	45	25	43	46	41	44	PN, V	
R679	63-65 WARAGIL ST, BLACKHEATH	Residential	NCA02	44	49	27	45	47	43	46	PN, V	
R680	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02	44	48	28	40	44	43	46	PN, V	
R681	101 WENTWORTH ST, BLACKHEATH	Residential	NCA02	34	38	17	32	35	33	36	PN	
R682	102 WENTWORTH ST, BLACKHEATH	Residential	NCA01	44	48	27	40	45	42	46	PN, V	
R683	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	29	44	44	44	48	PN, V	
R684	103 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	28	41	44	44	47	PN, V	
R685	104 WENTWORTH ST, BLACKHEATH	Residential	NCA01	38	42	24	34	40	37	40	PN, V	
R686	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02	38	42	24	42	40	38	41	-	
R687	105 WENTWORTH ST, BLACKHEATH	Commercial	NCA02	40	43	27	42	44	43	46	-	
R688	106 WENTWORTH ST, BLACKHEATH	Residential	NCA01	46	50	32	42	48	46	49	PN, V, SN, RP, DR	
R689	108 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	46	50	30	42	48	45	49	-	
R690	111 WENTWORTH ST, BLACKHEATH	Residential	NCA02	46	56	29	46	52	45	48	PN, V, SN, RP, DR	
R691	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	55	33	46	51	48	51	PN, V, SN, RP, DR	
R692	113 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	54	33	45	51	48	51	PN, V, SN, RP, DR	
R693	118 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	48	52	31	42	48	47	50	-	
R694	121 WENTWORTH ST, BLACKHEATH	Residential	NCA02	51	56	34	47	53	49	53	PN, V, SN, RP, DR	
R695	122 WENTWORTH ST, BLACKHEATH	Commercial	NCA01	41	45	27	36	42	43	46	-	
R696	124 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	53	26	47	53	43	46	PN, V, SN, RP, DR	
R697	126 WENTWORTH ST, BLACKHEATH	Residential	NCA01	49	55	32	46	51	47	50	PN, V, SN, RP, DR	
R698	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02	54	59	37	47	57	55	58	PN, V, SN, RP, DR	
R699	127 WENTWORTH ST, BLACKHEATH	Residential	NCA02	55	59	38	49	56	56	59	PN, V, SN, RP, DR	
R700	128 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	61	37	49	57	52	55	PN, V, SN, AA, RP, DR	
R701	129 WENTWORTH ST, BLACKHEATH	Residential	NCA02	58	62	41	47	56	56	59	PN, V, SN, AA, RP, DR	
R702	130 WENTWORTH ST, BLACKHEATH	Residential	NCA01	55	60	38	52	55	53	56	PN, V, SN, RP, DR	
R703	131 WENTWORTH ST, BLACKHEATH	Residential	NCA02	51	55	34	44	60	52	55	PN, V, SN, RP, DR	
R704	132 WENTWORTH ST, BLACKHEATH	Residential	NCA01	52	57	35	49	59	50	53	PN, V, SN, RP, DR	
R705	133 WENTWORTH ST, BLACKHEATH	Residential	NCA02	54	56	37	53	59	55	58	PN, V, SN, RP, DR	
R706	134 WENTWORTH ST, BLACKHEATH	Residential	NCA01	59	64	42	49	60	58	61	PN, V, SN, AA, RP, DR	
R707	135 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	57	39	54	57	54	57	PN, V, SN, RP, DR	
R708	137 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	60	39	55	58	54	57	PN, V, SN, RP, DR	
R709	140 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	54	62	59	62	PN, V, SN, AA, RP, DR	
R710	142 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	55	62	60	63	PN, V, SN, AA, RP, DR	
R711	144 WENTWORTH ST, BLACKHEATH	Residential	NCA01	62	67	45	57	63	61	64	PN, V, SN, AA, RP, DR	
R712	152 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	58	37	54	57	52	55	PN, V, SN, RP, DR	
R713	154 WENTWORTH ST, BLACKHEATH	Residential	NCA01	54	58	37	55	57	52	55	PN, V, SN, RP, DR	
R714	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	54	33	47	49	48	51	PN, V, SN, RP, DR	
R715	156 WENTWORTH ST, BLACKHEATH	Residential	NCA01	53	58	36	54	56	52	55	PN, V, SN, RP, DR	
R716	157 WENTWORTH ST, BLACKHEATH	Residential	NCA02	50	54	33	54	57	48	51	PN, V, SN, RP, DR	
R717	159 WENTWORTH ST, BLACKHEATH	Residential	NCA02	48	53	31	53	53	47	50	PN, V, SN, RP, DR	
R718	160 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	55	33	52	55	49	52	PN, V, SN, RP, DR	
R719	162 WENTWORTH ST, BLACKHEATH	Residential	NCA01	49	53	32	49	50	47	50	PN, V, SN, RP, DR	
R720	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02	53	56	36	54	57	51	54	PN, V, SN, RP, DR	
R721	163 WENTWORTH ST, BLACKHEATH	Residential	NCA02	52	56	35	52	55	50	53	PN, V, SN, RP, DR	
R722	164 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	51	30	51	52	45	48	PN, V, SN, RP, DR	
R723	165 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02	50	54	33	48	51	48	51	-	
R724	165 WENTWORTH ST, BLACKHEATH	Residential	NCA02	44	48	27	44	46	43	45	PN, V	

Predicted construction noise levels: OOHV Period 2 (Night)

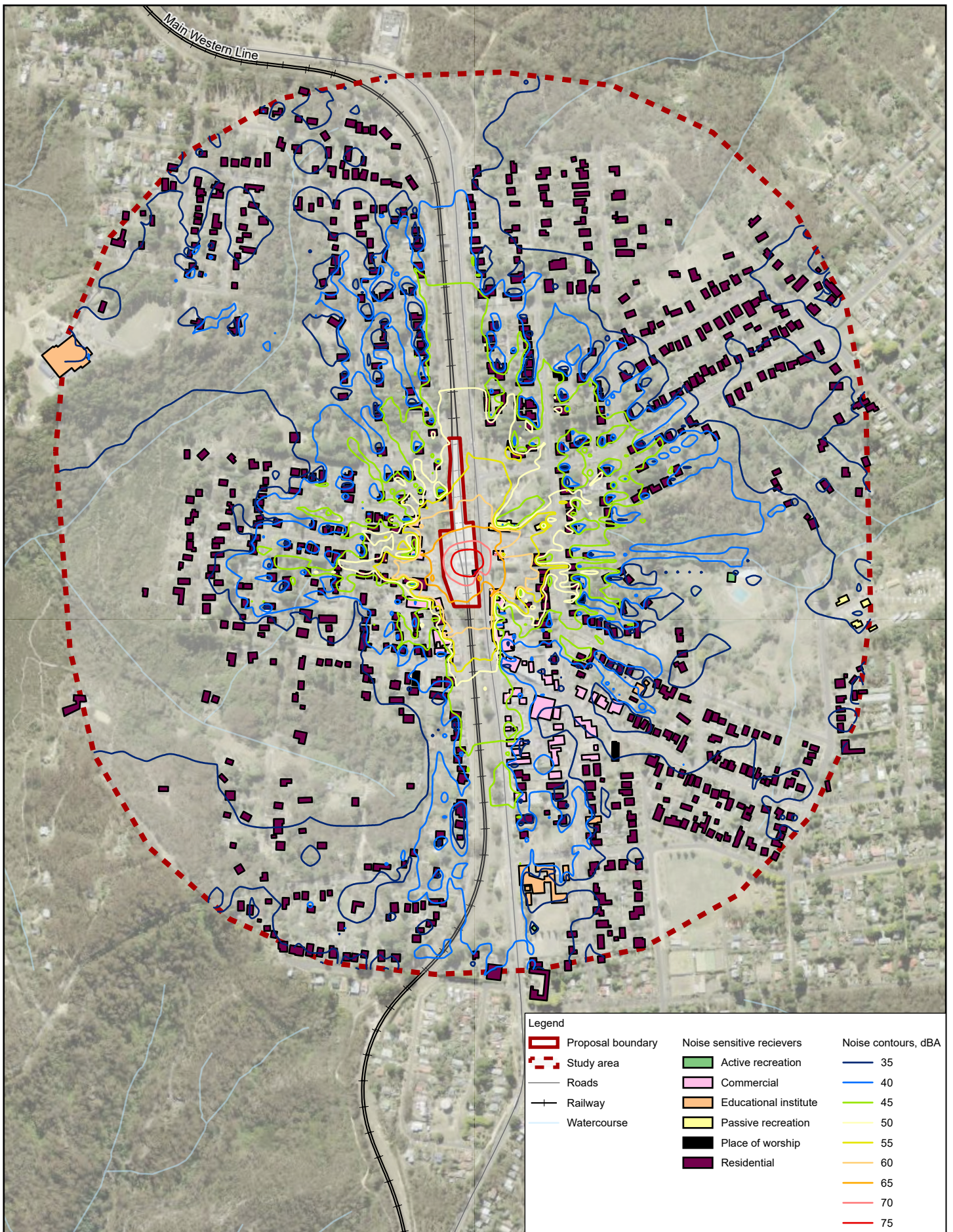
Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected	
			Non-residential:	Exceeds noise management level							
R725	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	53	30	47	50	45	48	PN, V, SN, RP, DR
R726	166 WENTWORTH ST, BLACKHEATH	Residential	NCA01	47	51	30	45	51	45	48	PN, V, SN, RP, DR
R727	168 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	54	33	47	52	48	52	PN, V, SN, RP, DR
R728	170 WENTWORTH ST, BLACKHEATH	Residential	NCA01	50	55	33	47	50	48	51	PN, V, SN, RP, DR
R729	172 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	50	28	46	48	43	47	PN, V
R730	174 WENTWORTH ST, BLACKHEATH	Residential	NCA01	44	48	27	45	47	42	46	PN, V
R731	175 WENTWORTH ST, BLACKHEATH	Residential	NCA02	42	46	25	41	45	41	43	PN, V
R732	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	PN, V
R733	176 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	49	28	44	47	43	46	PN, V
R734	178 WENTWORTH ST, BLACKHEATH	Residential	NCA01	42	47	25	41	45	41	44	PN, V
R735	179 WENTWORTH ST, BLACKHEATH	Residential	NCA02	41	44	24	41	45	39	42	PN, V
R736	182 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	44	PN, V
R737	183 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	41	19	35	37	35	38	PN
R738	184 WENTWORTH ST, BLACKHEATH	Residential	NCA01	32	37	21	37	40	32	34	PN
R739	185 WENTWORTH ST, BLACKHEATH	Residential	NCA02	37	41	20	35	38	36	38	PN, V
R740	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01	41	45	24	40	43	39	42	PN, V
R741	186 WENTWORTH ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	44	PN, V
R742	187 WENTWORTH ST, BLACKHEATH	Residential	NCA02	35	39	18	32	36	34	36	PN
R743	189 WENTWORTH ST, BLACKHEATH	Residential	NCA02	35	40	18	32	37	35	37	PN
R744	191 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	40	18	32	37	35	37	PN
R745	193 WENTWORTH ST, BLACKHEATH	Residential	NCA02	31	36	14	28	32	31	33	PN
R746	194 WENTWORTH ST, BLACKHEATH	Residential	NCA01	31	36	14	33	35	29	32	PN
R747	198 WENTWORTH ST, BLACKHEATH	Residential	NCA01	36	41	19	35	38	34	38	PN, V
R748	200 WENTWORTH ST, BLACKHEATH	Residential	NCA01	33	37	17	36	39	31	34	PN
R749	69 WENTWORTH ST, BLACKHEATH	Residential	NCA02	36	40	19	33	38	34	37	PN
R750	70 WENTWORTH ST, BLACKHEATH	Residential	NCA01	40	44	23	36	41	38	42	PN, V
R751	72 WENTWORTH ST, BLACKHEATH	Residential	NCA01	39	43	22	36	41	38	41	PN, V
R752	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	34	37	20	30	35	32	35	PN
R753	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	29	33	14	26	31	28	31	-
R754	73 WENTWORTH ST, BLACKHEATH	Residential	NCA02	39	43	22	36	40	37	40	PN, V
R755	76 WENTWORTH ST, BLACKHEATH	Residential	NCA01	39	43	22	36	41	38	42	PN, V
R756	77 WENTWORTH ST, BLACKHEATH	Residential	NCA02	38	42	21	35	40	37	42	PN, V
R757	79 WENTWORTH ST, BLACKHEATH	Residential	NCA02	40	44	24	36	42	39	42	PN, V
R758	81 WENTWORTH ST, BLACKHEATH	Residential	NCA02	38	42	21	34	40	36	39	PN, V
R759	83 WENTWORTH ST, BLACKHEATH	Residential	NCA02	39	43	23	34	41	38	42	PN, V
R760	87 WENTWORTH ST, BLACKHEATH	Residential	NCA02	37	41	21	33	39	36	39	PN, V
R761	91 WENTWORTH ST, BLACKHEATH	Residential	NCA02	43	47	26	40	45	42	45	PN, V
R762	95 WENTWORTH ST, BLACKHEATH	Educational institute	NCA02	44	48	27	41	46	43	46	-
R763	97 WENTWORTH ST, BLACKHEATH	Residential	NCA02	45	49	28	40	46	44	47	PN, V
R764	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01	46	49	31	41	47	45	48	PN, V
R765	98 WENTWORTH ST, BLACKHEATH	Residential	NCA01	45	50	28	41	46	44	48	PN, V
R766	99 WENTWORTH ST, BLACKHEATH	Residential	NCA02	45	49	28	41	45	44	47	PN, V
R767	123-125 WENTWORTH ST, BLACKHEATH	Place of worship	NCA02	55	59	38	51	57	55	57	N
R768	136-138 WENTWORTH ST, BLACKHEATH	Residential	NCA01	61	66	44	54	61	60	63	PN, V, SN, AA, RP, DR
R769	141-151 WENTWORTH ST, BLACKHEATH	Residential	NCA02	56	60	39	56	59	54	57	PN, V, SN, RP, DR
R770	188-192 WENTWORTH ST, BLACKHEATH	Residential	NCA01	32	36	15	32	34	30	33	PN
R771	22 WILLS LANE, BLACKHEATH	Residential	NCA02	39	45	22	36	42	39	42	PN, V
R772	26 WILLS LANE, BLACKHEATH	Residential	NCA02	40	44	23	38	42	39	42	PN, V
R773	16 WILLS ST, BLACKHEATH	Residential	NCA02	39	45	22	37	43	39	42	PN, V
R774	22 WILLS ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	39	42	PN, V
R775	10-10 WILLS ST, BLACKHEATH	Residential	NCA02	42	46	25	40	44	40	43	PN, V
R776	6-10 WILLS ST, BLACKHEATH	Residential	NCA02	41	46	24	39	45	41	44	PN, V
R778	1 WOMBAT ST, BLACKHEATH	Residential	NCA01	40	44	23	39	42	38	41	PN, V
R779	10 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	47	25	42	45	40	43	PN, V
R780	11 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	39	42	PN, V
R781	12 WOMBAT ST, BLACKHEATH	Residential	NCA02	37	42	20	37	40	36	39	PN, V
R782	16 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	40	43	40	43	PN, V
R783	16 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	41	43	40	43	PN, V
R784	17 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	23	39	42	38	41	PN, V
R785	19 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	38	41	PN, V
R786	2 WOMBAT ST, BLACKHEATH	Residential	NCA01	40	44	23	40	42	38	41	PN, V
R787	20 WOMBAT ST, BLACKHEATH	Residential	NCA02	36	41	22	38	39	37	40	PN, V
R788	21 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	44	23	40	43	39	42	PN, V
R789	22 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	24	40	43	40	43	PN, V
R790	25 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	45	24	41	43	39	42	PN, V
R791	27 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	43	23	40	42	38	41	PN, V
R792	29 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	PN, V
R793	3 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	38	41	PN, V
R794	31 WOMBAT ST, BLACKHEATH	Residential	NCA02	41	46	24	40	44	40	42	PN, V
R795	34 WOMBAT ST, BLACKHEATH	Residential	NCA02	43	48	26	43	47	42	43	PN, V
R796	35 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	46	23	40	44	39	42	PN, V

Predicted construction noise levels: OOHW Period 2 (Night)

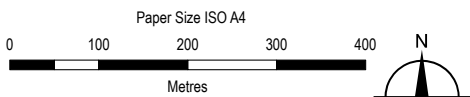
Receiver ID	Address	Receiver Type	NCA	CS01	CS02	CS04	CS05	CS07	CS08	CS09	Additional management measures	
			Residential:	Noticeable	Clearly audible	Moderately intrusive	Highly intrusive	Bold		Highly noise affected		
			Non-residential:	Exceeds noise management level								
R797	4 WOMBAT ST, BLACKHEATH	Residential	NCA01	43	47	26	42	45	41	43	PN, V	
R798	5 WOMBAT ST, BLACKHEATH	Residential	NCA02	37	41	22	37	39	36	39	PN, V	
R799	5 WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	38	42	37	40	PN, V	
R801	6 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	46	25	41	44	40	43	PN, V	
R802	8 WOMBAT ST, BLACKHEATH	Residential	NCA02	42	46	25	41	44	39	42	PN, V	
R803	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	40	45	23	39	43	39	42	PN, V	
R804	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	38	43	22	38	41	38	41	PN, V	
R805	9 WOMBAT ST, BLACKHEATH	Residential	NCA02	36	41	19	36	39	35	38	PN, V	
R806	26-26 WOMBAT ST, BLACKHEATH	Residential	NCA02	44	48	27	41	46	40	43	PN, V	
R807	6-8 YOUNG LANE, BLACKHEATH	Residential	NCA02	46	50	29	44	48	44	47	PN, V	
R808	28A BUNDARRA ST, BLACKHEATH	Residential	NCA02	35	39	19	31	37	34	37	PN	
R809	2A BUNDARRA ST, BLACKHEATH	Residential	NCA01	46	50	28	40	46	46	49	PN, V	
R810	11A CARYSFORT ST, BLACKHEATH	Residential	NCA02	41	45	24	33	42	40	43	PN, V	
R811	20A EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	46	25	42	46	43	46	PN, V	
R812	3A EVELEIGH AV, BLACKHEATH	Residential	NCA02	42	45	27	44	49	43	46	PN, V	
R813	8A GOODARE ST, BLACKHEATH	Residential	NCA02	40	45	24	41	46	40	43	PN, V	
R814	23A GORDON AV, BLACKHEATH	Residential	NCA02	38	42	21	38	44	41	43	PN, V	
R815	4A GORDON AV, BLACKHEATH	Residential	NCA02	31	34	14	27	31	29	32	-	
R816	5A GORDON AV, BLACKHEATH	Residential	NCA02	42	46	25	35	44	42	45	PN, V	
R817	211A GREAT WESTERN HWY, BLACKHEATH	Residential	NCA01	46	50	29	41	47	45	48	PN, V	
R818	12A HAT HILL RD, BLACKHEATH	Residential	NCA02	49	53	32	52	56	48	51	PN, V, SN, RP, DR	
R819	36A HAT HILL RD, BLACKHEATH	Residential	NCA02	34	41	17	35	37	36	38	PN, V	
R820	37A HAT HILL RD, BLACKHEATH	Residential	NCA02	41	45	24	40	44	40	43	PN, V	
R821	37A HAT HILL RD, BLACKHEATH	Residential	NCA02	42	46	25	41	44	41	44	PN, V	
R822	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02	44	48	27	44	47	42	45	PN, V	
R823	1A KANIMBLA RD, BLACKHEATH	Residential	NCA02	45	49	28	44	48	43	46	PN, V	
R825	139A STATION ST, BLACKHEATH	Residential	NCA02	58	62	42	55	65	56	59	PN, V, SN, AA, RP, DR	
R826	141A STATION ST, BLACKHEATH	Residential	NCA01	61	65	45	77	69	59	62	PN, V, SN, AA, RP, DR	
R827	27A STAVELEY PDE, BLACKHEATH	Residential	NCA02	38	42	21	36	41	38	41	PN, V	
R828	14A WARAGIL ST, BLACKHEATH	Residential	NCA02	52	56	36	52	53	50	53	PN, V, SN, RP, DR	
R829	198A WENTWORTH ST, BLACKHEATH	Residential	NCA01	37	41	20	36	39	34	38	PN, V	
R830	23A WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	41	43	39	42	PN, V	
R831	9A WOMBAT ST, BLACKHEATH	Residential	NCA02	39	44	22	39	42	38	41	PN, V	
R832	22B GOVETTS LEAP RD, BLACKHEATH	Commercial	NCA01	44	49	29	43	46	45	48	-	
R833	211B GREAT WESTERN HWY, BLACKHEATH	Commercial	NCA01	47	51	32	43	49	46	49	-	
R834	3B HAVILAND AV, BLACKHEATH	Residential	NCA02	51	55	35	45	53	52	55	PN, V, SN, AA, RP, DR	
R835	6B INCONSTANT ST, BLACKHEATH	Residential	NCA02	53	57	36	49	55	52	55	PN, V, SN, RP, DR	
R836	8B INCONSTANT ST, BLACKHEATH	Residential	NCA02	48	53	31	51	54	48	51	PN, V, SN, RP, DR	
R837	60B THIRROUL AV, BLACKHEATH	Educational institute	NCA02	42	47	25	43	47	41	43	-	
R838	1B WOMBAT ST, BLACKHEATH	Residential	NCA02	40	44	23	39	42	38	41	PN, V	

Appendix E

Predicted noise contour maps



Legend		Noise sensitive receivers	Noise contours, dBA		
	Proposal boundary		Active recreation		35
	Study area		Commercial		40
	Roads		Educational institute		45
	Railway		Passive recreation		50
	Watercourse		Place of worship		55
			Residential		60
					65
					70
					75



Map Projection: Transverse Mercator
 Horizontal Datum: GDA 1994
 Grid: GDA 1994 MGA Zone 56

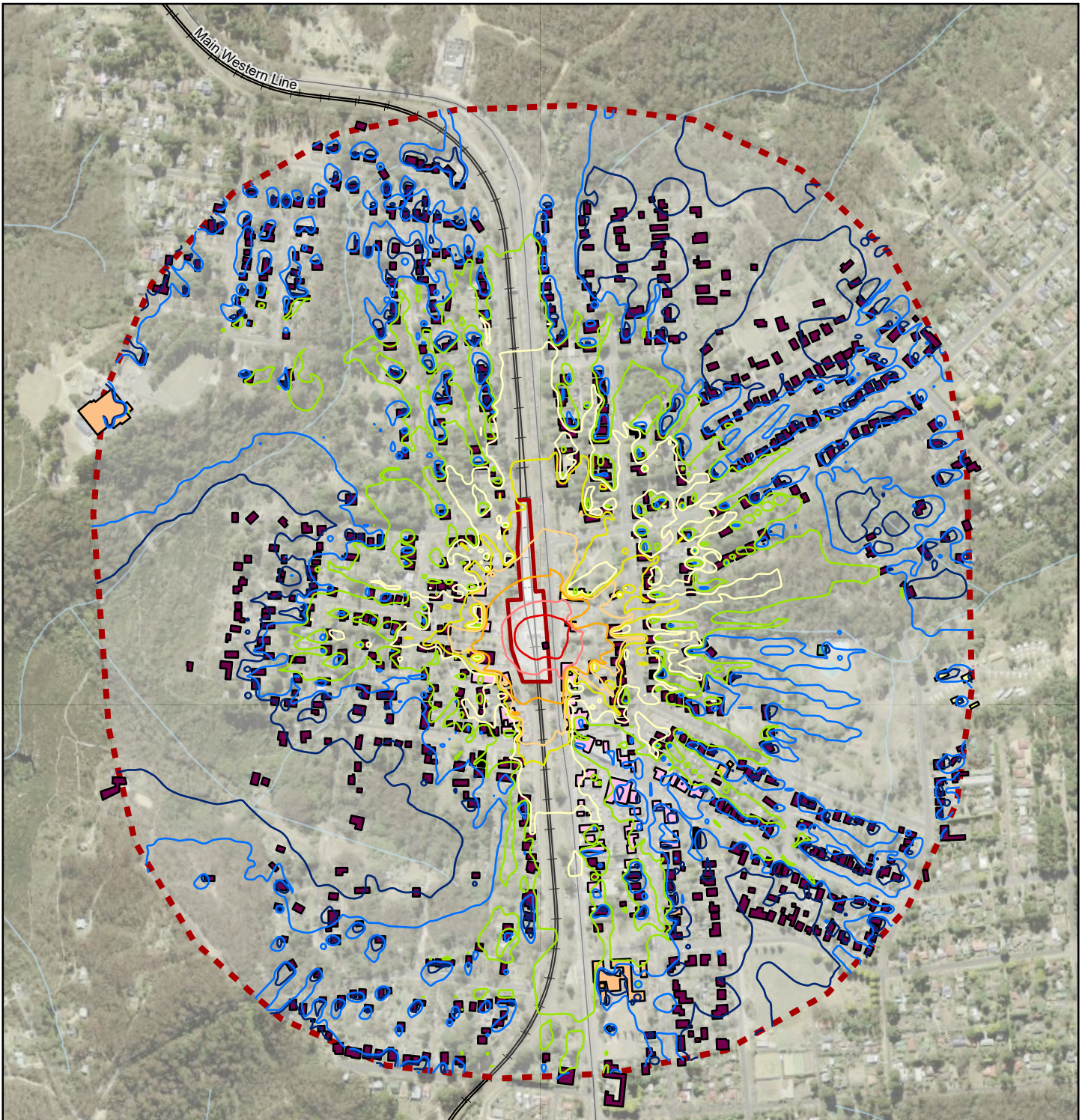


Transport for NSW
 Blackheath Station Upgrade
 Noise and Vibration Impact Assessment

Project No. 12562533
 Revision No. B
 Date 10/02/2022

**Construction noise contours:
 Construction Scenario CS01**

APPENDIX E1



Legend		Noise sensitive receivers	Noise contours, dBA
	Proposal boundary		
	Study area		
	Roads		
	Railway		
	Watercourse		

Paper Size ISO A4

0 100 200 300 400

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

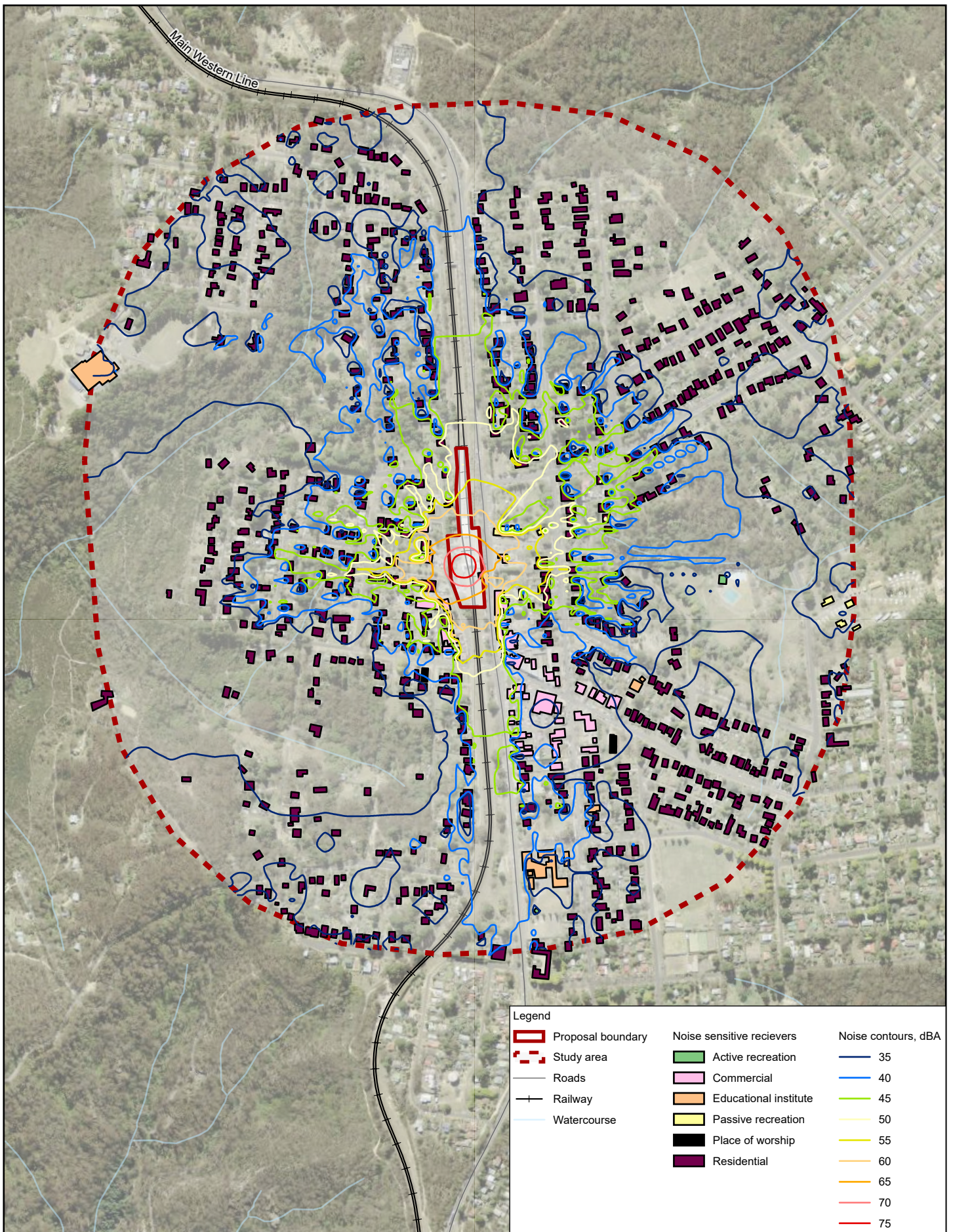


Transport for NSW
Blackheath Station Upgrade
Noise and Vibration Impact Assessment

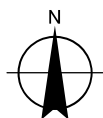
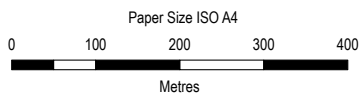
Project No. 12562533
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Date 10/02/2022

**Construction noise contours:
Construction Scenario CS02**

APPENDIX E2



Legend		Noise sensitive receivers	Noise contours, dBA		
	Proposal boundary		Active recreation		35
	Study area		Commercial		40
	Roads		Educational institute		45
	Railway		Passive recreation		50
	Watercourse		Place of worship		55
			Residential		60
					65
					70
					75



Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

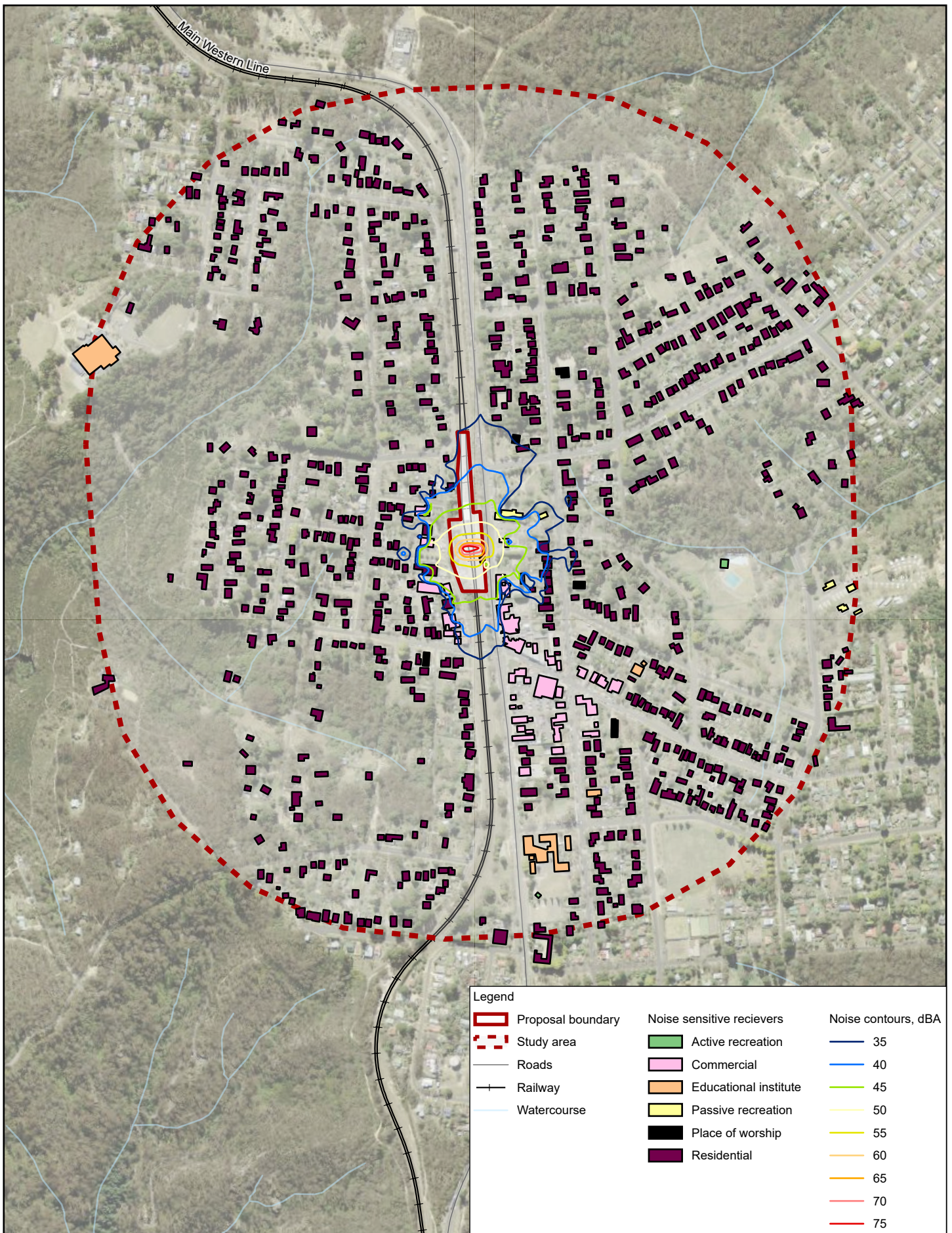


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Blackheath Station Upgrade
Noise and Vibration Impact Assessment

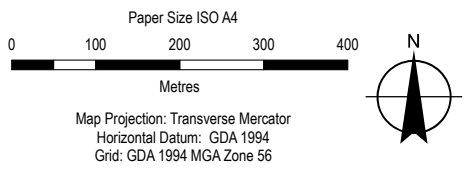
**Construction noise contours:
Construction Scenario CS03**

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Revision No. A
Date 10/02/2022

APPENDIX E3



Legend		Noise sensitive receivers	Noise contours, dBA
	Proposal boundary		
	Study area		
	Roads		
	Railway		
	Watercourse		

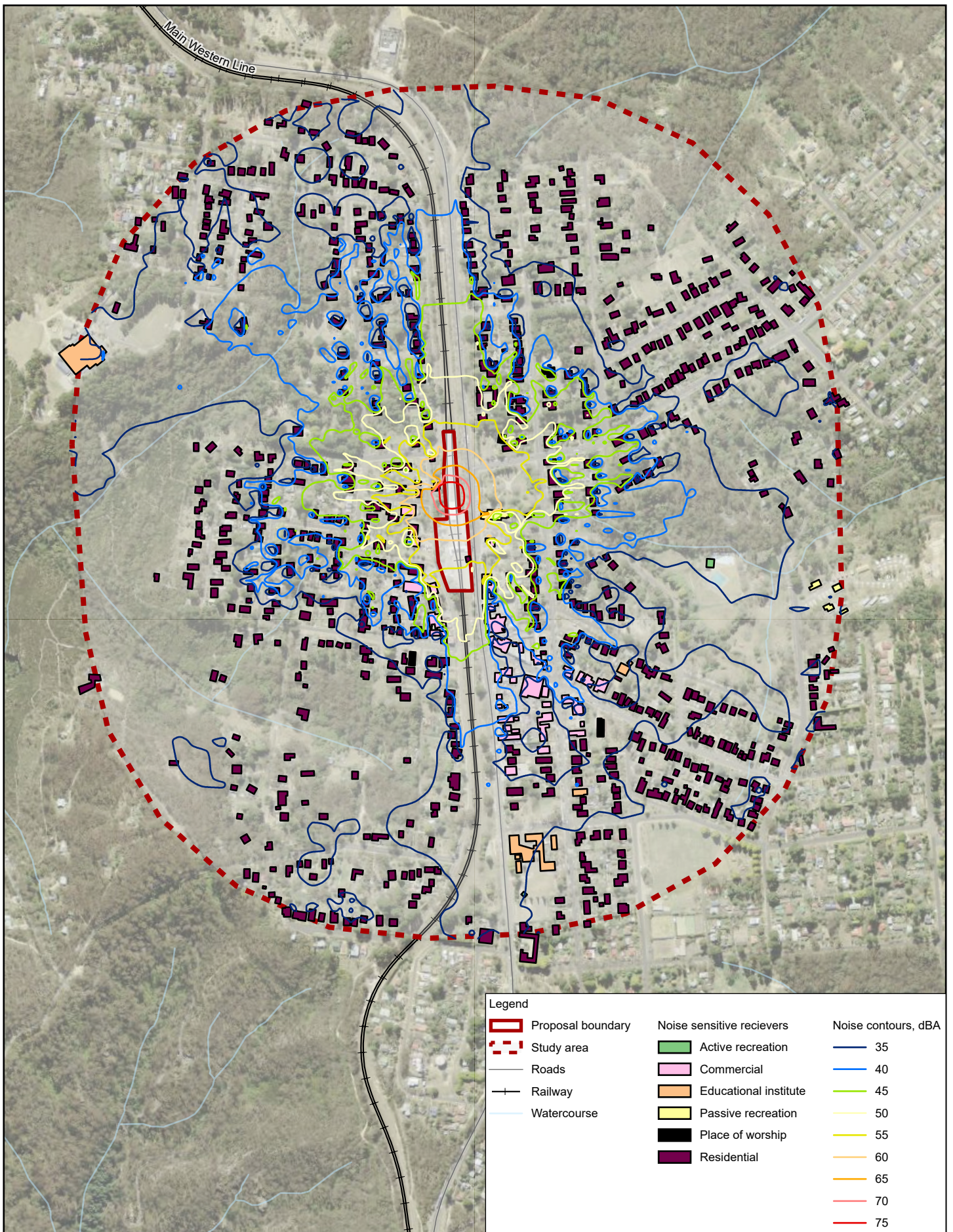


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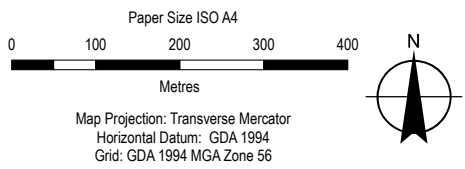
Project No. 12562533
Revision No. A
Date 10/02/2022

**Construction noise contours:
Construction Scenario CS04**

APPENDIX E4



Legend		Noise sensitive receivers	Noise contours, dBA
	Proposal boundary		
	Study area		
	Roads		
	Railway		
	Watercourse		

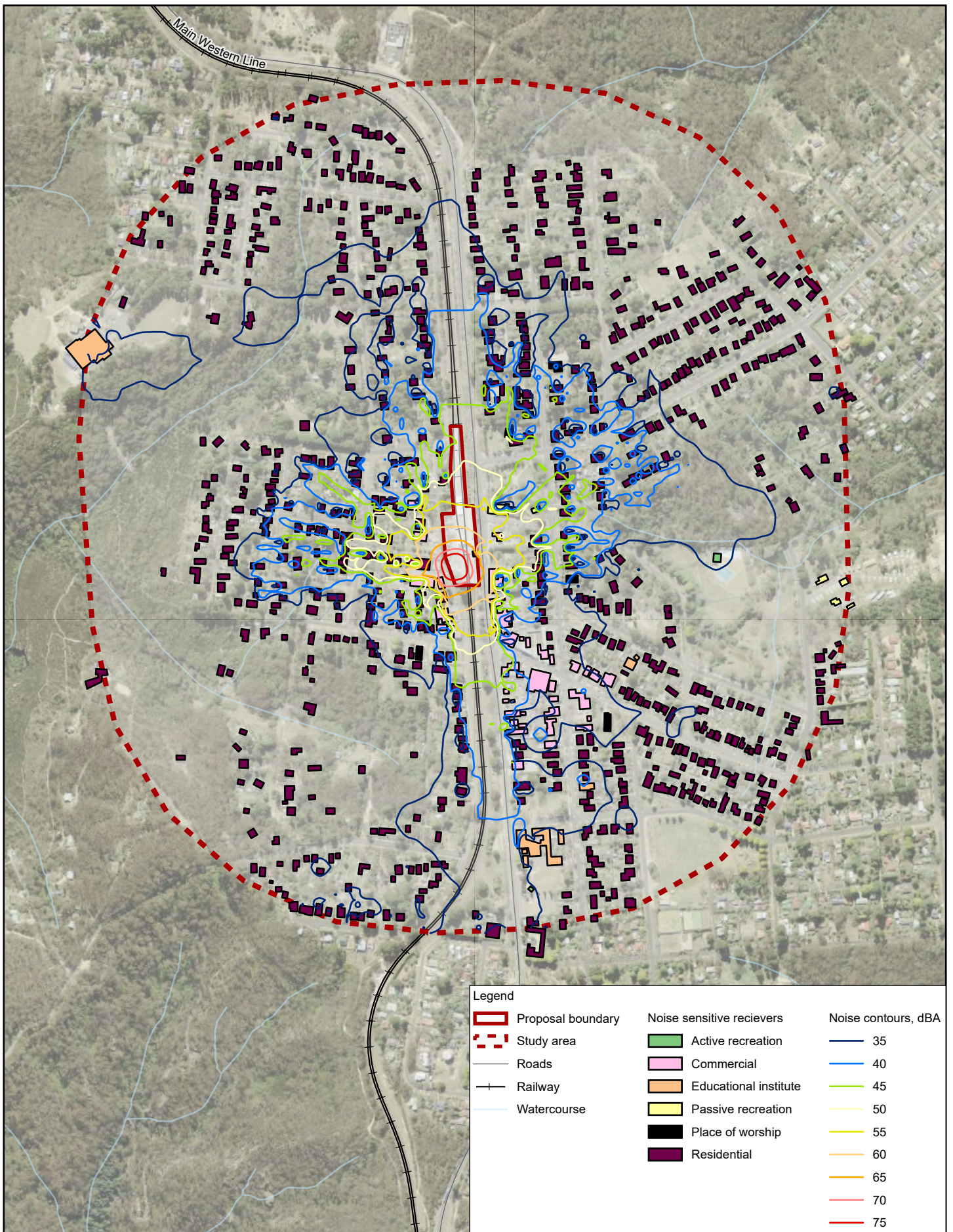


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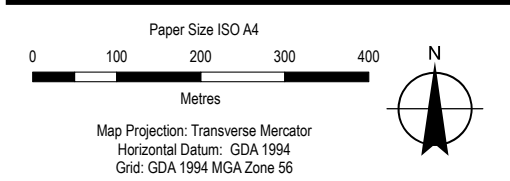
Project No. 12562533
 Revision No. A
 Date 10/02/2022

**Construction noise contours:
 Construction Scenario CS05**

APPENDIX E5



Legend		Noise sensitive receivers	Noise contours, dBA
	Proposal boundary		
	Study area		
	Roads		
	Railway		
	Watercourse		

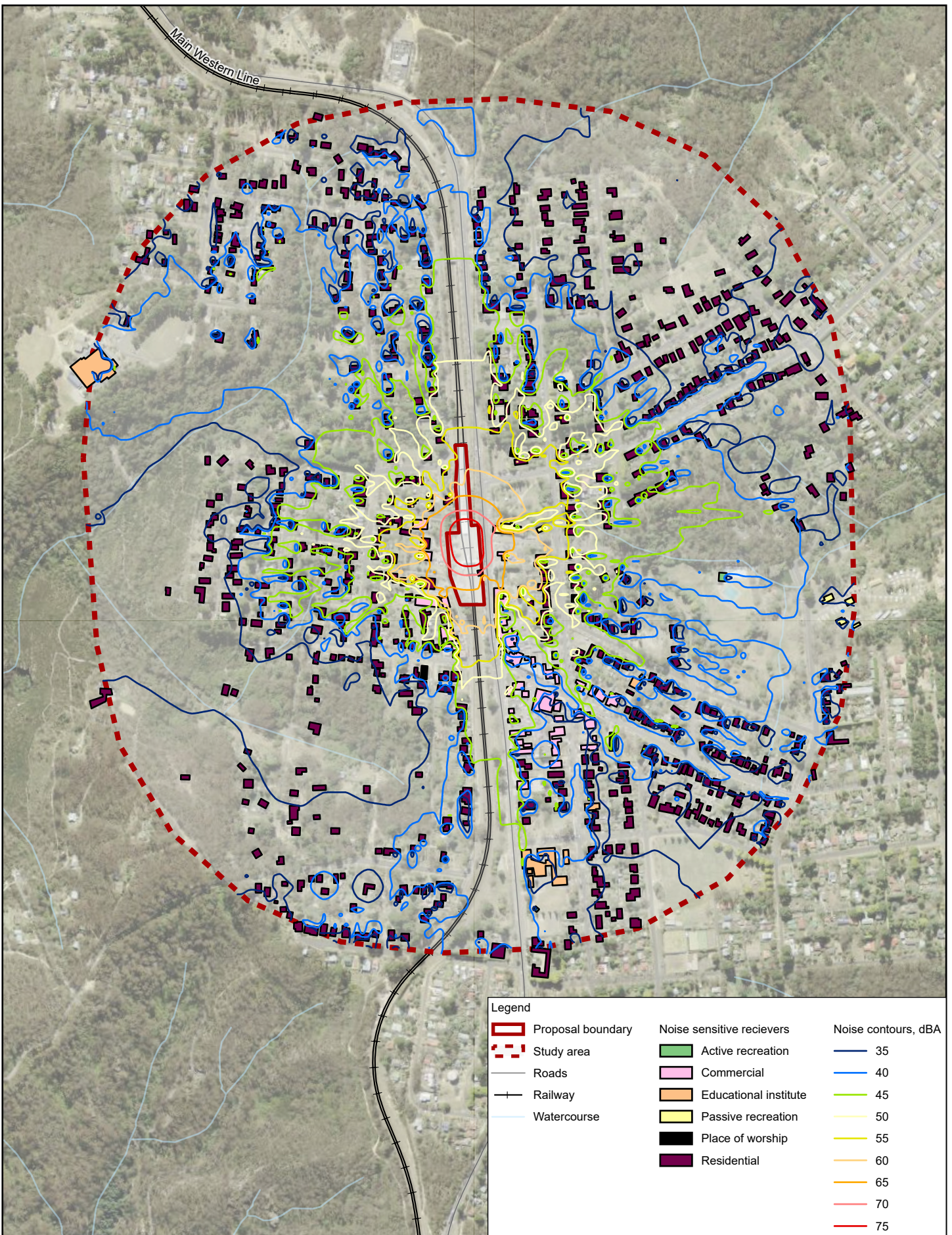


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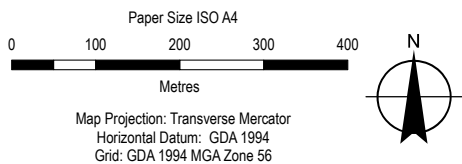
**Construction noise contours:
 Construction Scenario CS06**

Project No. 12562533
 Revision No. A
 Date 10/02/2022

APPENDIX E6



Legend		
	Proposal boundary	Noise sensitive receivers
	Study area	
	Roads	
	Railway	
	Watercourse	
		Noise contours, dBA

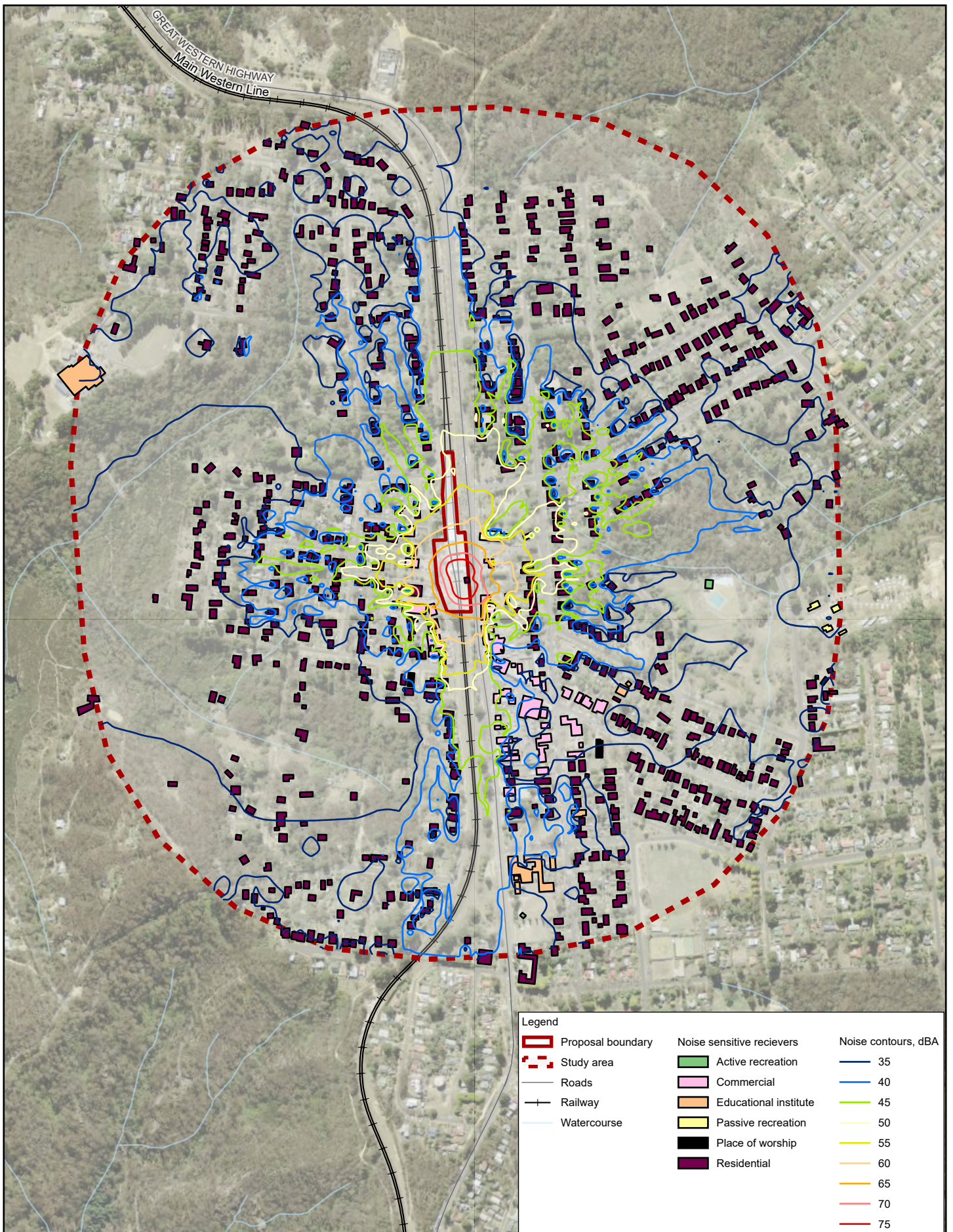


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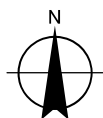
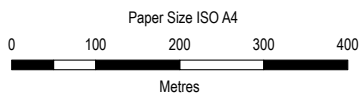
Project No. 12562533
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**Construction noise contours:
Construction Scenario CS07**

APPENDIX E7



Legend		
	Proposal boundary	Noise sensitive receivers
	Study area	Active recreation
	Roads	Commercial
	Railway	Educational institute
	Watercourse	Passive recreation
		Place of worship
		Residential
		Noise contours, dBA
		35
		40
		45
		50
		55
		60
		65
		70
		75



Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

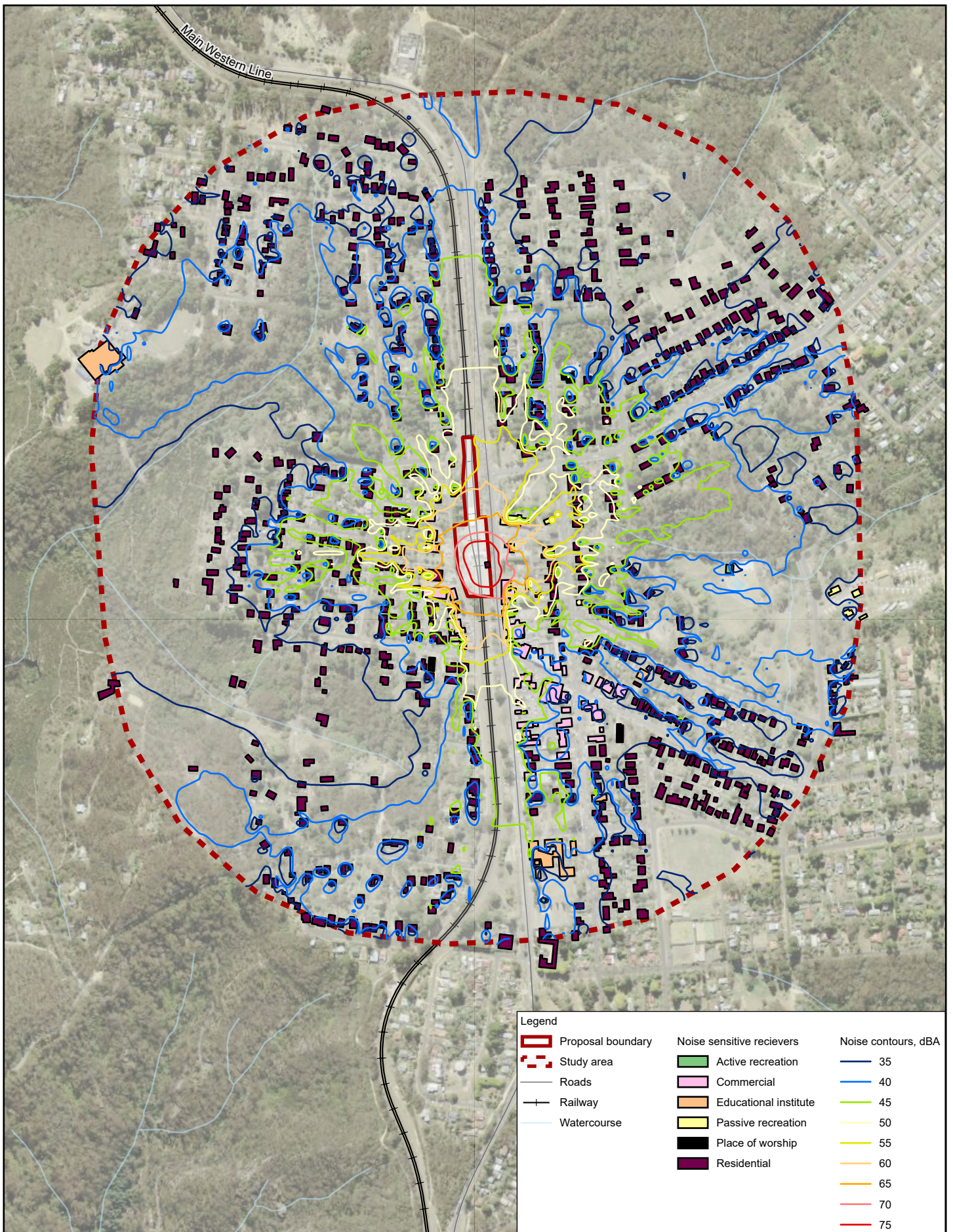


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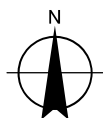
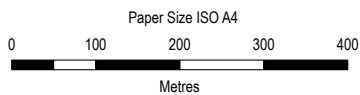
Project No. 12562533
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Date 10/02/2022

**Construction noise contours:
Construction Scenario CS08**

APPENDIX E8



Legend		
	Proposal boundary	Noise sensitive receivers
	Study area	Active recreation
	Roads	Commercial
	Railway	Educational institute
	Watercourse	Passive recreation
		Place of worship
		Residential
		Noise contours, dBA
		35
		40
		45
		50
		55
		60
		65
		70
		75



Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

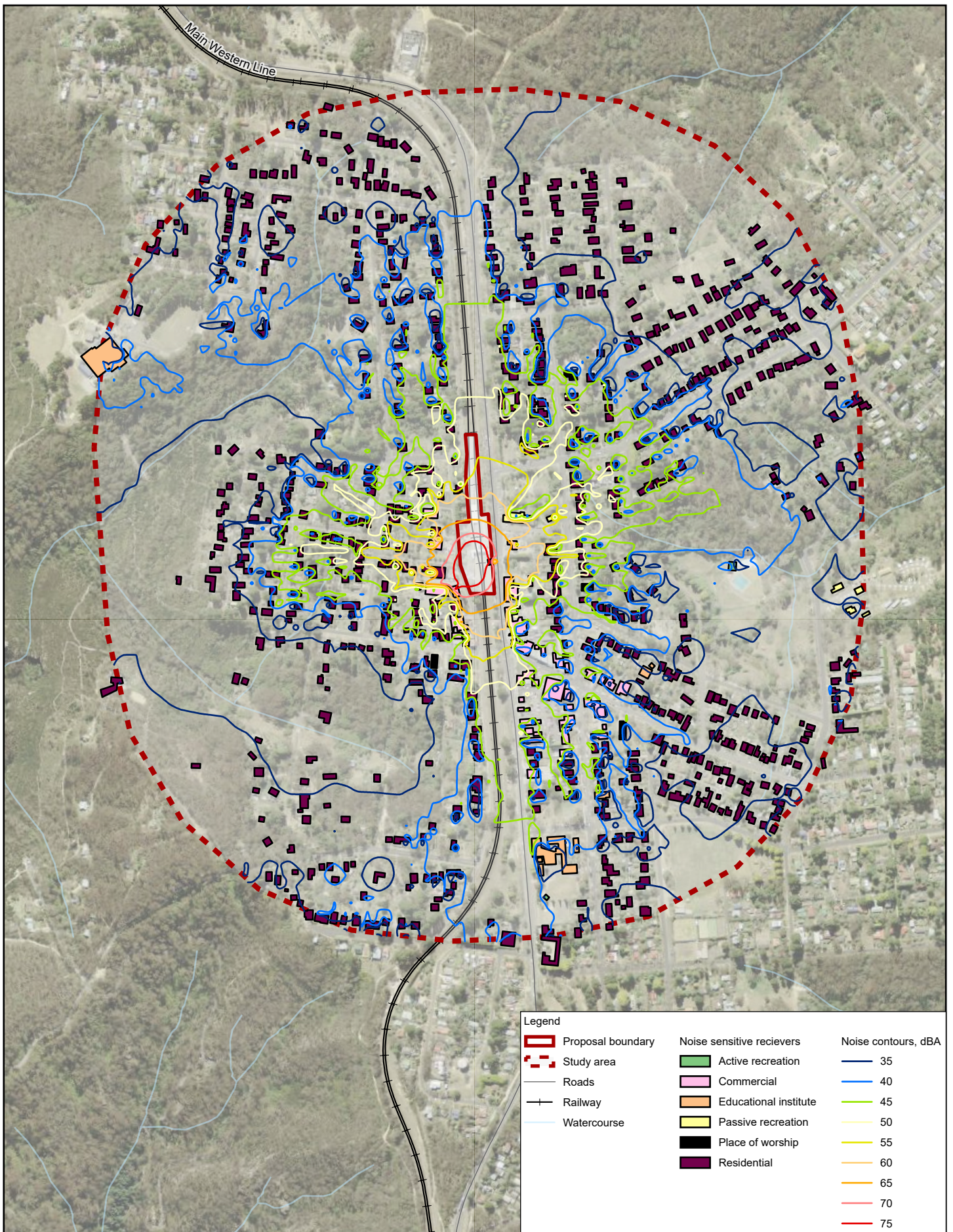


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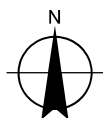
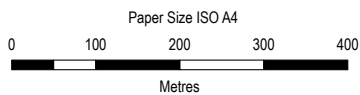
Project No. 12562533
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Date 10/02/2022

**Construction noise contours:
Construction Scenario CS09**

APPENDIX E9



Legend		
	Proposal boundary	Noise sensitive receivers
	Study area	
	Roads	
	Railway	
	Watercourse	



Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56

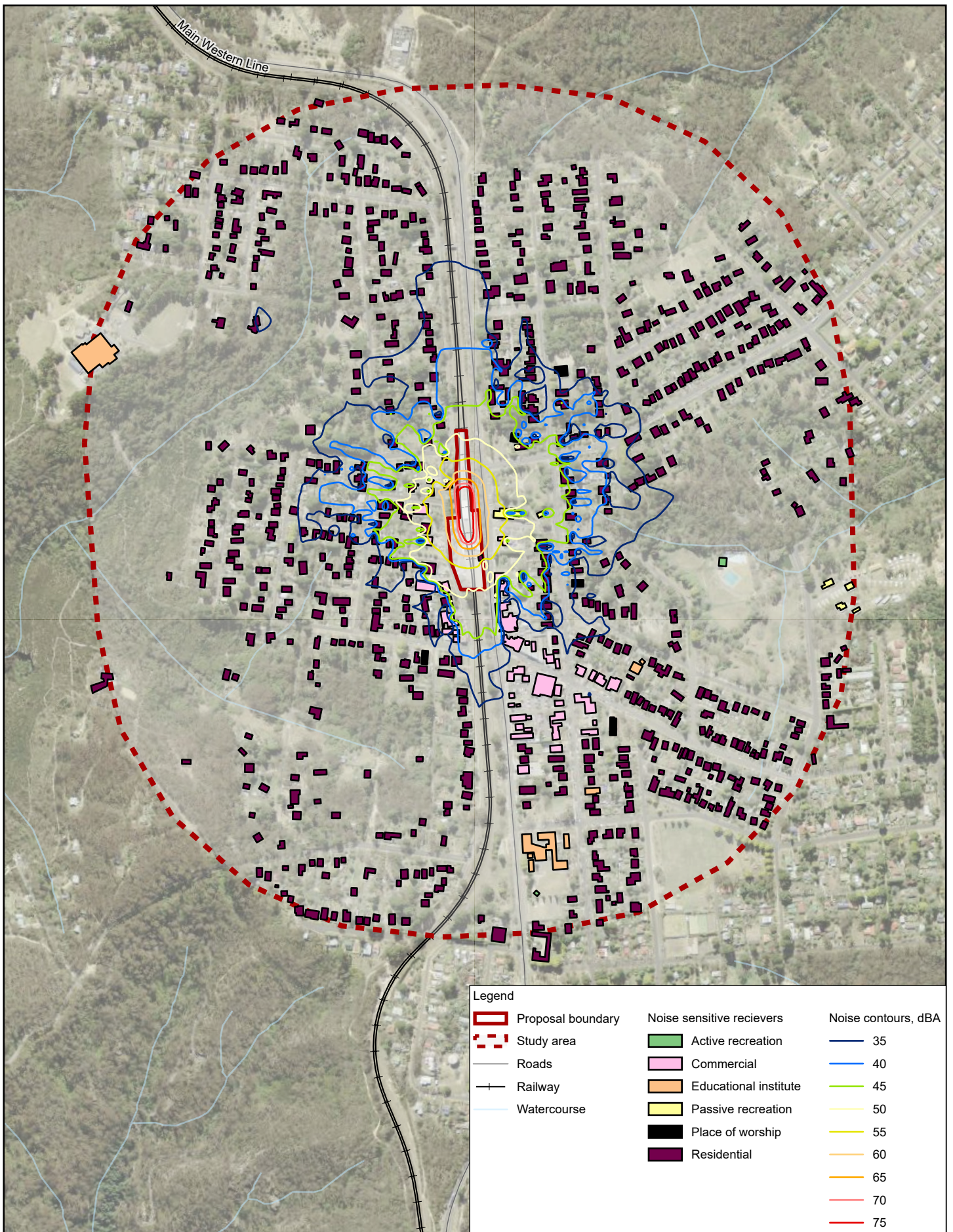


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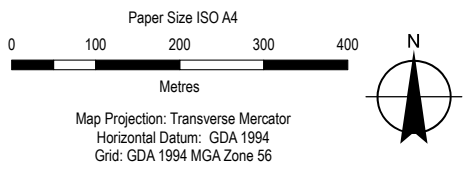
Construction noise contours:
Construction Scenario CS10

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APPENDIX E10



Legend		Noise sensitive receivers	Noise contours, dBA
	Proposal boundary		
	Study area		
	Roads		
	Railway		
	Watercourse		

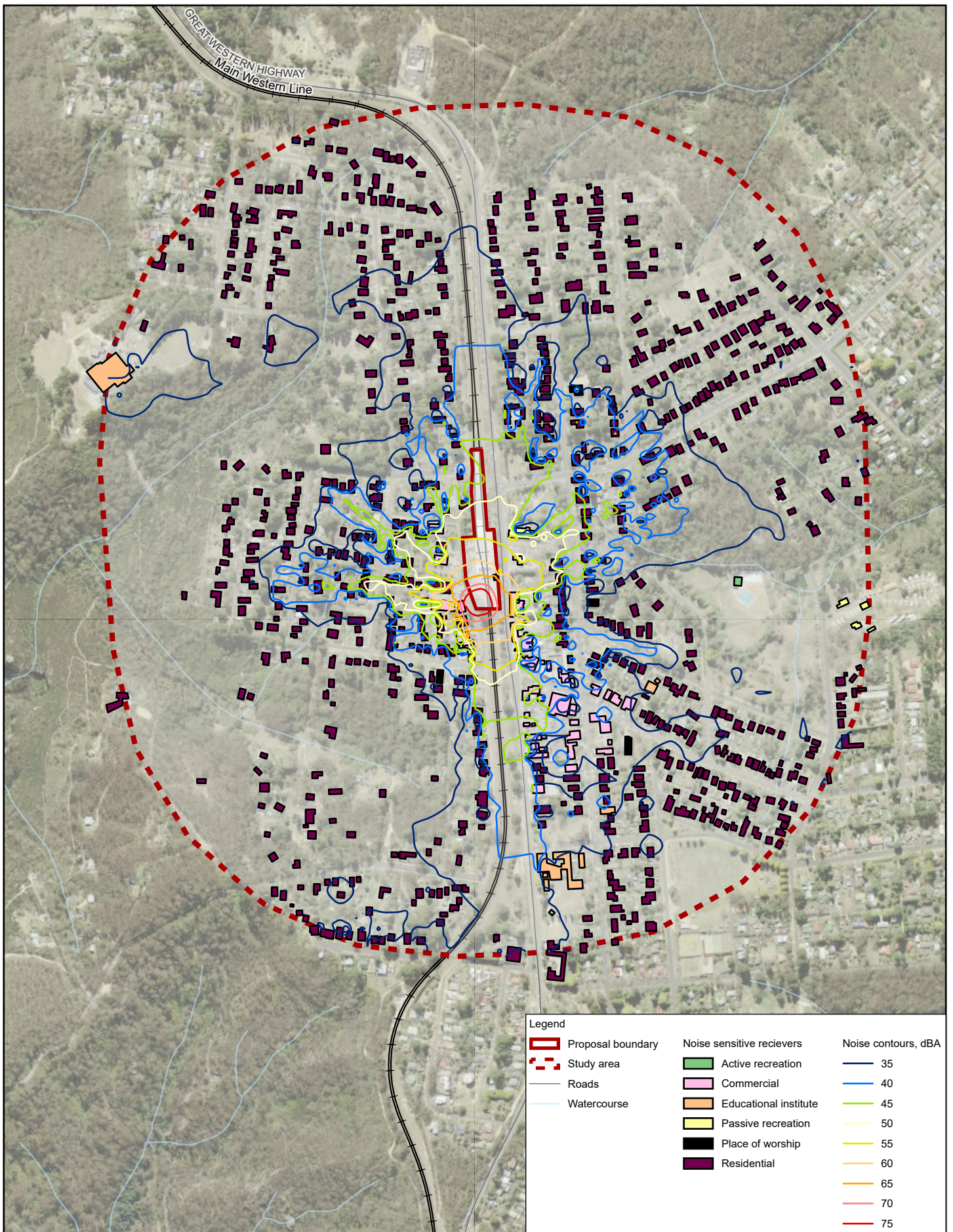


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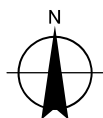
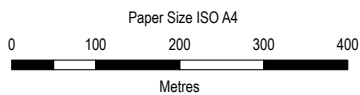
Project No. 12562533
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**Construction noise contours:
 Construction Scenario CS11**

APPENDIX E11



Legend		
	Proposal boundary	
	Study area	
	Roads	
	Watercourse	
	Active recreation	Noise sensitive receivers
	Commercial	Noise contours, dBA
	Educational institute	
	Passive recreation	
	Place of worship	
	Residential	



Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 56



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Construction noise contours:
Construction Scenario CS12

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APPENDIX E12



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