Transport for NSW

NSW GOVERNMENT

Technical Paper 3

Noise and Vibration

Parramatta Light Rail Stage 2
Environmental Impact Statement

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Contents

Table index

Figure index

Appendices

Glossary and abbreviations

The table below outlines a list of the abbreviations and terms contained within this report. The key noise metrics used throughout the report are summarised at the start of each relevant section and acoustical terms are also detailed in Appendix A.

Term / abbreviation	Description
AVTG	*Assessing Vibration: A Technical Guideline* (DEC, 2006)
CBD	Central Business District
CNVIS	Construction Noise and Vibration Impact Statement
CNVS	*Construction Noise and Vibration Strategy* (Transport for NSW, 2019a)
Definition design	High level description of the project, including general alignment and major structures
EIS	Environmental Impact Statement
EPA	Environment Protection Authority
GPOP	Greater Parramatta and Olympic Peninsula area
HAMU	Historical Archaeological Management Unit
NCA	Noise Catchment Area
NML	Noise Management Level
NPfI	*Noise Policy for Industry* (EPA, 2017)
NSW	New South Wales
NVMP	Noise and Vibration Management Plan
OOHW	Out of hours work
Operational footprint	The operational footprint forms part of the overall project site. It consists of land that would be occupied by the permanent project infrastructure.
Parramatta Light Rail Stage 1	Refers to Stage 1 of the Parramatta Light Rail network, between Westmead and Carlingford via Parramatta and Camellia. Stage 1 is currently under construction and expected to be operational in 2024.
Parramatta Light Rail network	Refers to Stage 1 and Stage 2 of the Parramatta Light Rail network
PAD	Potential archaeological deposit
PPV	Peak particle velocity
Project	The project comprises two main elements: – construction of about 10 kilometres of light rail infrastructure between Camellia and the Carter Street precinct adjacent to Sydney Olympic Park – operation of about 13 kilometres of light rail alignment between the Parramatta CBD and the Carter Street precinct, including a section of infrastructure constructed by Parramatta Light Rail Stage 1 between Camellia and the Parramatta CBD.
Project alignment	The project alignment refers to the physical horizontal and vertical location, position and direction of the light rail tracks.
Project route	The route refers to the locations/suburbs through which the project travels i.e. Parramatta, Camellia, Melrose Park, Wentworth Point, Sydney Olympic Park etc.
Project site	Refers to the area that would be directly disturbed by construction of the project (for example, as a result of ground disturbance and the construction of foundations for structures). It includes the location of construction activities, compounds and work sites, and the location of permanent infrastructure.

Term / abbreviation	Description
Primary project working hours	The primary project working hours, subject to approval: – Monday to Sunday: 7am to 7pm – Public holidays: 7am to 7pm, when required.
RBL	The Rating Background Level is used to establish construction and operational noise goals at residential Noise Catchment Areas (NCAs) within the study area.
Recommended standard hours	The recommended standard hours for construction work as defined in the *Interim Construction Noise Guideline* (DECC, 2009): – Monday to Friday: 7am to 6pm – Saturday: 8am to 1pm – No works on Sundays or public holidays.
Roads and Maritime Services	The former Roads and Maritime Services is now part of Transport for NSW.
RING	*Rail Infrastructure Noise Guideline* (EPA, 2013)
RNP	*Road Noise Policy* (DECCW, 2011)
SEARs	Secretary's Environmental Assessment Requirements
SEL	Sound exposure level
SOPA	Sydney Olympic Park Authority
Sydney Metro West	An underground metro railway that would link the Parramatta and Sydney CBDs and communities in between. The Sydney Metro West project is currently in planning stage, with stations proposed at Sydney Olympic Park and Parramatta.
Study area	The noise and vibration study area under investigation as described in section 2.2.
TORFM	Top of rail friction modifier
Transport and Infrastructure SEPP	State Environmental Planning Policy (Transport and Infrastructure) 2021
Transport for NSW	Transport for NSW is the lead agency of the NSW Transport cluster.
VDV	Vibration dose value
WHO	World Health Organisation

Executive summary

Description of the project

Project overview

Parramatta Light Rail will deliver an integrated light rail service that supports the population and employment growth as well as the additional development expected throughout the Greater Parramatta and Olympic Peninsula area (GPOP). It will integrate with existing and future modes of transport, including buses, trains, ferries and active transport (pedestrian and cycle networks), as well as Sydney Metro West services and the existing road network.

Parramatta Light Rail will be delivered in stages to keep pace with development:

– Stage 1 will connect Westmead to Carlingford via the Parramatta central business district (CBD) and Camellia. The construction and operation of Parramatta Light Rail Stage 1 was approved by the NSW Minister for Planning in May 2018. Major construction is underway and Stage 1 is expected to start operating in 2024. Further information on Stage 1 is available at **Parramatta Light Rail**
– Transport for NSW is now proposing to construct and operate Stage 2 of Parramatta Light Rail ('the project'). Stage 2 would connect the Parramatta CBD and Stage 1 to Camellia, Rydalmere, Ermington, Melrose Park, Wentworth Point and Sydney Olympic Park.

Key features

The key features of the project relevant to the assessment of noise and vibration are listed below:

– a new 10 kilometre long dual-track light rail line, with 14 stops, between the Parramatta Light Rail Stage 1 line in Camellia and the Carter Street precinct adjacent to Sydney Olympic Park
– two bridges over the Parramatta River to allow the light rail line to cross between Camellia and Rydalmere, and between Melrose Park and Wentworth Point
– a bridge over Silverwater Road between Rydalmere and Ermington
– other bridge works in Ken Newman Park and Sydney Olympic Park
– turnback facilities, including along part of Macquarie Street in the Parramatta CBD
– adjustments to the Parramatta Light Rail stabling and maintenance facility at Camellia
– five new traction power substations to provide convert electricity to a form suitable for use by light rail vehicles.

Existing environment

Sensitive receivers have been identified within the study area and categorised by the type of occupancy residing within the lot. The study area has been divided into 19 discrete noise catchment areas, 15 of which contain residential land uses. Noise monitoring was undertaken at 11 residential locations in December 2021 to quantify and characterise the existing background, ambient and road traffic noise environment throughout the study area.

For all of the noise monitoring locations, the background and ambient noise environment is dominated by the local road traffic network. The noise monitoring was undertaken during a period when there was COVID-19 related restrictions in NSW, and as such, there may have been a reduction in traffic and commercial activity in the study area resulting in lower background, ambient and road traffic noise levels. Lower background noise levels would result in more conservative construction and operational noise (fixed facilities) criteria at residences as the criteria is based on the measured background noise levels.

Noise monitoring undertaken at 5 Hope Street, Rosehill during the Parramatta Light Rail Stage 1 Environmental Impact Statement (EIS) assessment stage (2017) has been compared to the noise monitoring results from December 2021 at the same location, to identify any significant differences in noise levels. The comparison of noise levels from each measurement period indicates the background noise levels are within 1 dB and the ambient/road traffic noise levels are within 2 dB. The comparison indicates that the measurements taken in 2017 (pre-COVID) and 2021 (during COVID restrictions and NSW Health advice) are generally consistent, with the exception that the 2021 road traffic noise levels are slightly lower.

Noise monitoring data from recent publicly available noise assessments have also been used to quantify the noise environment at locations outside the main study area. The noise monitoring results have been used to establish both construction noise management levels (NMLs) and operational noise trigger levels at residences.

Construction noise and vibration assessment

Construction noise and vibration overview

Based on feedback from the community during the construction of Parramatta Light Rail Stage 1, an extension of the recommended standard hours prescribed in the *Interim Construction Noise Guideline* (ICNG) (DECCW, 2010) is being sought to shorten the length of construction and minimise associated disruptions to the community. The following working hours are proposed for the project ('the primary project working hours'):

– Monday to Sunday: 7am to 7pm
– public holidays: 7am to 7pm, when required.

A case study for extended work hours for track-works associated with Parramatta Light Rail Stage 1 has been included to demonstrate that there has been community support for extended hours works which resulted in a reduction in the construction program.

Engagement was undertaken with a selection of community members to gain an understanding of the community’s preference with balancing the primary project working hours, the overall construction program length and their amenity during the construction period. Survey results found that a total of 75 per cent of respondents supported the primary project working hours on weekdays, 67 per cent supported them on Saturdays and 53 per cent supported the primary project working hours on Sundays and/or public holidays. Indicative construction scenarios have been developed to represent worst-case construction activities for the various construction work sites across the project site. Noise predictions were made for all the identified sensitive receivers in the study area, using 3D noise models, and compared against the ICNG noise management levels during all relevant assessment periods (for example, ICNG recommended standard hours, out-of-hours-works (OOHW) day, evening and night periods). Other works that may be required to be undertaken outside of the primary project working hours have also been assessed against the OOHW NMLs.

Safe working distances sourced from the *Construction Noise and Vibration Strategy* (Transport for NSW, 2019a) (CNVS) for vibratory intensive works have been used to identify the potential for vibration impacts in close proximity to construction works (for example human comfort impacts at receivers and structural damage to buildings and structures).

Construction noise impacts

It is inevitable that a major infrastructure project in an urban area would result in noise impacts during construction, especially when noise intensive equipment is required in close proximity to sensitive receivers. The assessment is based on exceedances of the relevant NMLs and have been categorised into ‘no exceedance’, ‘<10 dB exceedance, ’10 to 20 dB exceedance’ and ‘>20 dB exceedance’ categories based on the worst-case construction activity for the relevant construction scenario. A discussion of the anticipated duration of the worst-case construction noise levels is also provided for each construction activity.

For most of the time, noise levels would be lower than what has been predicted in this assessment as the modelling assumes the loudest equipment is at the closest point between the construction work area and the sensitive receiver. Additionally, the modelling in this assessment assumes the most noise intensive equipment would be operating during each of the modelled construction scenarios. This results in a conservative assessment as most of the time, lower noise emitting equipment would be used.

High impact activities (long term)

The following construction activities are predicted to result in the highest level of impacts at sensitive receivers, during the ICNG recommended standard hours, with regards to extent and duration (majority of the construction period):

- light rail track and public domain works from Camellia to the Carter Street precinct in Lidcombe – highly noise affected receivers are expected during noise intensive works (e.g. concrete breaking) in close proximity to residences
- bridge works – highly noise affected receivers are expected during noise intensive works (e.g. impact piling) in close proximity to residences
- roadworks – highly noise affected receivers are expected during noise intensive works (e.g. asphalt milling) in close proximity to residences.

Where these works occur at large distances from sensitive receivers (for example in Camellia and sections of Sydney Olympic Park), exceedances of the noise management levels are predicted to be less than 10 dB.

OOHW would also be required for the construction scenarios identified above to minimise disruptions to the transport network.

High impact activities (short term)

The following construction activities are predicted to result in exceedances of the NMLs that are greater than 20 dB at sensitive receivers during the ICNG recommended standard hours, although noise intensive activities would be relatively short-term:

- demolition works – highly noise affected receivers are expected during noise intensive works (e.g. use of a rockbreaker) in close proximity to residences
- compound sites – for most of the time, noise at compound sites would be minimal except during deliveries to and from the site. Highly noise affected receivers are expected during noise intensive works (e.g. use of a concrete saw) in close proximity to residences
- construction of light rail stops – highly noise affected receivers are expected during noise intensive works (e.g. use of a rockbreaker) in close proximity to residences
- construction of traction power substations – no highly noise affected receivers.

Where these works occur at large distances from sensitive receivers (for example in Camellia and sections of Sydney Olympic Park), exceedances of the NMLs are predicted to be less than 10 dB.

For works outside the ICNG recommended standard hours, impacts would be greater as they are considered more sensitive time periods.

Lower impact activities

The following construction activities are predicted to result in NML exceedances of less than 10 dB at sensitive receivers during all periods of the day:

- spoil and ballast recycling at the Grand Avenue compound site in Camellia
- modification works to the Parramatta Light Rail stabling and maintenance facility at Camellia
- light rail track and road works in Camellia where there is a minimum separation distance of 800 metres between the construction work area and the most-affected residences (in Rosehill and Rydalmere).

These construction sites are located within an industrial area where the nearest sensitive receivers are industrial and commercial land uses. The nearest residences are sufficiently distant that no significant noise impacts are anticipated during any period of the day.

Impacts due to OOHW night works, including sleep disturbance impacts

The following construction activities have been identified to result in 10 to 20 dB or >20 dB exceedances of the NMLs at residences during the OOHW night period:

– concrete pouring and trackworks at the John Street and South Street intersection, in Rydalmere
– installation of the bridge structure (precast concrete elements) between abutments and piers with the use of cranes at Silverwater Road
– utility relocation that may be required within residential areas.

The above activities are also predicted to result in noise levels that exceed the sleep disturbance screening level at residences.

The following construction activities have been identified to result in no exceedances of the NMLs or exceedances of less than 10 dB at residences during the OOHW night period:

– night works required at the Macquarie Street turnback facility in the Parramatta CBD
– minor kerb adjustments at Australia Avenue, Sydney Olympic Park
– finishing roadworks near the Hill Road and Holker Street intersection, Sydney Olympic Park.

However, commercial receivers adjacent to the works listed above would experience noise levels that are <10 dB and 10 to 20 dB above the NMLs should they be undertaken during the night period.

Construction vibration impacts

The outcomes of the construction vibration impact assessment indicate the following:

– 455 buildings fall within the safe working distance for cosmetic damage (unreinforced buildings) due to vibratory intensive works associated with the project
– 958 buildings have been identified as falling within the safe working distance for human comfort due to vibratory intensive works associated with the project
– the following built items fall within the adopted screening distance for potential damage to heritage structures:
  - Telstra house (former post office), Parramatta
  - St John’s Parish Hall, Parramatta
  - Horse parapet façade and potential archaeological site, Parramatta
  - 45 Macquarie Street, Parramatta
  - Murrays’ Building (and potential archaeological site), Parramatta
  - Shop (and potential archaeological site), Parramatta
  - Sewage Pumping Station 67, Camellia
  - Pumping station, Camellia
  - Bulla Cream Dairy (Willowmere), Ermington
  - (former) Ermington Wharf, Melrose Park
  - State Abattoir locality, Sydney Olympic Park
  - House at 46 John Street, Rydalmere
  - House at 69 John Street, Rydalmere
  - House at 71 South Street, Rydalmere
  - House at 67 Boronia Street, Ermington
– the following sensitive infrastructure items have been identified as falling with the screening distance for potential damage:
  - Rydalmere Wharf, Rydalmere
  - Ermington Boat Ramp, Melrose Park
  - Sydney Olympic Park Wharf, Wentworth Point
  - Olympic Park Station, Sydney Olympic Park.

Known Aboriginal sites, potential Aboriginal archaeological deposits and Historic Archaeological Management Units of potential high local and/or State significance have been identified within the project site. Detailed assessments and a test excavation program is proposed, prior to construction works, to confirm the presence of archaeological site and sensitivity to vibratory intensive works. As far as reasonably practical, direct impacts and indirect impacts (such as vibration) on items and sites of Aboriginal and non-Aboriginal heritage significance would be avoided and would be considered during the design development and construction planning phases of the project.

Where possible, less vibratory intensive works would be investigated and condition surveys would be undertaken at buildings and structures identified as falling within the safe working distances for cosmetic damage. Where appropriate, vibration management levels would be refined and vibration monitoring would be undertaken where vibratory intensive work would be expected to exceed vibration management levels (to determine site specific minimum working distances).

Vibration impacts to human comfort would be managed through the additional mitigation measures prescribed in the CNVS.

Construction management and mitigation measures

Where noise levels have been predicted to exceed NMLs, reasonable and feasible work practices have been recommended to reduce potential impacts. The standard measures (management, source mitigation and path mitigation measures) prescribed in the CNVS would apply, where reasonable and feasible.

The outcomes of the assessment and the effectiveness of various mitigation measures discussed in this report have assisted with informing the following project specific mitigation measures:

– solid hoarding around compound sites in close proximity to residences, with special consideration given to the long-term compound site at Ken Newman Park
– scheduling of noise intensive equipment
– alternative construction techniques to lower noise emission
– mitigation at the source using silencers
– screening using sheds or structures at compound sites
– using lower vibration generating items for excavation plant and equipment.

Additionally, the following management measures have been recommended to reduce potential noise and vibration impacts:

– community engagement to determine their preference and priority to manage impacts
– stakeholder engagement with owners and operators at Rosehill Gardens Racecourse and Sydney Olympic Park to consider major events. Business and schools at Parramatta (CBD), Melrose Park, Wentworth Point and Sydney Olympic Park would also be engaged when scheduling construction activities
– development of Construction Noise and Vibration Impact Statements (CNVIS) for OOHW
– respite periods for highly noise affected receivers
– interaction with major projects interfacing with the project to reduce cumulative impacts and construction fatigue
– test excavations of potential Aboriginal and non-Aboriginal areas to determine presence and sensitivity to vibratory intensive works
– survey the study area for vibration intensive equipment during development design
– building condition surveys for structures identified within safe working distances
– vibration monitoring where vibratory works are required within safe working distances, following the completion of condition surveys.

The mitigation measures listed above take into account community and stakeholder consultation that has been undertaken to inform the project and would be further refined as community engagement progresses.

Residual noise impacts would be managed in accordance with the CNVS which prescribes additional mitigation measures to be applied once all reasonable and feasible mitigation measures have been implemented.

A hierarchy of time periods for works outside the ICNG recommended standard hours has been provided, as well as the requirement to develop a OOHW protocol to be included in the construction environmental management plan for the project.

Construction traffic impacts

To assess noise impacts from construction traffic or temporary reroutes due to road closures, an initial screening test has been undertaken to evaluate whether noise levels would increase by more than 2 dB. Where an increase is 2 dB or less, no further assessment is required. Where noise levels increase by more than 2 dB and noise levels exceed the controlling criterion, then mitigation strategies should be considered to reduce potential noise impacts.

It has been assumed that no road traffic noise impacts due to the project would be experienced on arterial roads such as James Ruse Drive, Silverwater Road and the M4 Motorway due to the existing high traffic volumes on these arterial roads.

Receivers adjacent to the following roads have been identified as exceeding the *Road Noise Policy* (DECCW, 2011) noise requirements at sensitive receivers during the construction period:

- South Street (collector road) – between Silverwater Road and River Road
- John Street (local road) – between South Street and Antoine Street
- Fallon Street (local road) – between Primrose Avenue and John Street
- Primrose Avenue (local road) – between South Street and John Street
- Hilder Road (local road) – between Tristram Street and Coffey Street.

Management and mitigation measures have been recommended to reduce potential construction traffic noise related impacts at sensitive receivers.

Operational noise and vibration assessment

Rail-generated airborne noise (Sandown Boulevard stop to Carter Street stop)

Airborne noise generated by rail operations on surface tracks have been assessed against the trigger levels prescribed in the *Rail Infrastructure Noise Guideline* (RING) (EPA, 2013), based on volumes estimated for ten years after opening (2039).

Detailed 3D noise modelling has been undertaken to predict noise levels at sensitive receivers within 150 metres of the alignment between the Sandown Boulevard stop and the Carter Street stop. The results indicate the following:

- two residential receivers are predicted to receive noise levels above the RING trigger level of $L_{Aeq(15hour)}$ 60 dBA during the day
- 149 residential receivers are predicted to receive noise levels above the RING trigger level of $L_{Aeq(9hour)}$ 50 dBA during the night
- no residential receivers are predicted to receive noise levels above the RING trigger level of $L_{Amax(95\%)}$ 80 dBA during any time of the day.

No residential receivers have been identified as qualifying for mitigation consideration in accordance with the RING. A sensitivity check has also been undertaken applying a +2 dB correction to the predicted levels to account for the potential of highly resilient or very highly resilient trackform to reduce ground-borne noise and vibration from the track. The results indicate that six residential buildings could qualify for mitigation.

Future development in areas adjacent to the project site, such as the Camellia Town Centre, Melrose Park North Planning Proposal and Melrose Park South Planning Proposal, should consider the potential operational noise and vibration impacts of the project based on the outcomes of this assessment with consideration to the State Environmental Planning Policy (Transport and Infrastructure) 2021 (Transport and Infrastructure SEPP) and the *Development Near Rail Corridors and Busy Roads – Interim Guideline* (DoP, 2008).

Rail-generated ground-borne noise and vibration (Sandown Boulevard stop to Carter Street stop)

A total of 129 residential receivers are predicted to exceed the controlling night-time ground-borne noise trigger level of L_{ASmax} 35 dBA prescribed in the RING, at locations where the ground-borne noise level also exceeds the airborne noise level. The qualifying receivers are primarily located adjacent to the alignment between the John Street stop and the Melrose Park stop, with a few isolated receivers in Wentworth Point and the Carter Street precinct in Lidcombe.

Rail operations between Macquarie Street turnback facility and Sandown Boulevard stop

The section of track that would be shared by the Stage 1 and Stage 2 light rail vehicles (Parramatta CBD to Camellia) has been modelled and assessed in detail as part of the design development for Stage 1. A review of the relevant documentation has been undertaken and corrections applied to the L_{Aeq} values to account for the doubling in frequency of light rail vehicles along this section of track.

Three additional receiver buildings have been identified as qualifying for noise mitigation consideration as a result of doubling light rail vehicle movements along this section of track for Stage 2, being:

- Pre-Uni New College Parramatta – 3 Barrack Lane, Parramatta (educational institute)
- PM Counselling Services – 153 George Street, Parramatta (medical)
- Arthur Phillip High School – 80-100 Macquarie Street (educational institute).

Transport for NSW and its contractors would co-ordinate during the design development process to ensure any mitigation implemented during Stage 1 would take into account the Stage 2 light rail vehicle volumes.

For the assessment of ground-borne noise to receivers along this section of track, $L_{Asmax,}$ noise levels would not be expected to change as a result of an increase in frequency of light rail vehicle movements, and as such no additional receivers have been identified as qualifying for mitigation consideration. Ground-borne vibration, assessed as an estimated vibration dose value, would increase but is predicted to be well below the relevant criteria.

The closest restaurants and retail shops fronting the Macquarie Street turnback facility are predicted to receive internal noise levels of up to $L_{Aeq(1hour)}$ 53 dBA and 50 dBA, respectively. The RING does not provide trigger levels for commercial receivers, and existing noise levels due to pedestrian activity and road traffic noise are well above the predicted noise levels for light rail vehicle movements. As such, no mitigation measures have been recommended for these receivers.

Development in Camellia town centre and Melrose Park north and south precincts

Noise and vibration sensitive development approved prior to the approval of the project, within the Camellia town centre and the Melrose Park north and south precincts, would be considered during the design development process. Post-approval of the project, developers would be required to ensure the design of developments comply with Clause 87 of the Transport and Infrastructure SEPP. Operational noise contours have been provided in Section 4.1.5 to show indicative noise levels across these urban growth areas to assist in the planning of these locations. Planning controls have also been recommended for future development adjacent to the project alignment.

Noise from Public Address systems at stops

Noise from public address (PA) systems would be designed to comply with the *Noise Policy for Industry* (NPfI) (EPA, 2017) noise trigger levels during the design development process. Given the infrequency of PA announcements, noise levels are not expected to significantly contribute to $L_{Aeq(15min)}$ noise levels at sensitive receivers. Temporary annoyance at residences may occur should PA systems be audible, where light rail stops are close to residences. Automatic volume adjustments would be installed at these stops to account for the ambient noise level, whilst providing an adequate level of speech intelligibility for customers.

Modifications to the stabling and maintenance facility

Noise and vibration impacts of the stabling and maintenance facility at Camellia at existing and future receivers were assessed as part of the design development for the Stage 1 project but did not consider the operation of Stage 2. A qualitative assessment was undertaken of the potential impacts associated with the proposed modifications to the facility which indicated the following:

– Once Stage 2 is operational, noise and vibration levels at existing receivers would be well below the relevant trigger levels.
– Exceedances of the night noise trigger levels are predicted at potential future residences within the Camellia town centre and are expected to be controlled by stationary light rail vehicles on the external stabling roads and light rail vehicles entering/exiting the facility during the operation of Stage 1. The additional movements associated with the operation of Stage 2 light rail vehicles could increase noise levels at these receivers by 3 dB.
– At the future potential residential receivers in the Camellia town centre, noise from turnouts were predicted to be equal to the indicative sleep disturbance noise goal, being L_{Afmax} 53 dBA during both Stage 1 and Stage 2 operations. L_{Afmax} noise levels at existing receivers would be well below the sleep disturbance noise goal.
– No ground-borne noise and vibration impacts are anticipated during operation of Stage 2 due to the adequate separation distances between the sources and the nearest existing or future receivers.

Airborne noise from traction power substations

Noise levels at the nearest sensitive receivers have been predicted for each of the five new traction power substations to be installed across the project site. Noise trigger levels are not predicted to be exceeded at any sensitive receiver location.

Changes to road traffic noise levels during operation

The estimated forecast ‘no build’ and ‘build’ traffic volumes along the local road network for 2031 have been used to calculate whether any sections of road are predicted to increase by more than 2 dB as a result of the project. The predictions indicate that no section of road is predicted to increase by more than 2 dB based on the forecast traffic volumes.

Vehicles crossing over rails

Noise measurements were undertaken at the CBD and South East Light Rail track in Randwick to quantify the increase in noise levels at intersections where vehicles cross the rail track compared to regular intersections. These noise measurements were used as the basis of the noise assessment for intersections where vehicles would cross the rail track along the Parramatta Light Rail Stage 1 alignment.

It has been predicted that the $L_{Aeq(15hour)}$ and $L_{Aeq(9hour)}$ noise levels could increase by up to 0.6 dB at the most-affected sensitive receivers to these intersections. Taking into account the forecast traffic volumes and potential increase in LAeq noise levels where vehicles would cross the rail track, $L_{Aeq(15hour)}$ and $L_{Aeq(9hour)}$ road noise levels are not predicted to increase by more than 2 dB. Note should be made that L_{Afmax} noise levels could increase by approximately 5 to 7 dB at these intersections depending on the type of vehicle and its speed.

Reconfiguration of road at South Street and Boronia Street

Sections of South Street and Boronia Street would require minor reconfigurations as a result of the project, where the eastbound lanes would move closer to residences to the north of South Street and Boronia Street to allow for a centre-running light rail track. Additionally, there are various intersections along South Street and Boronia Street where vehicles would cross over the rail tracks.

A simple noise model was developed using SoundPLAN 8.2 noise modelling software to predict indicative ‘no build’ and ‘build’ road traffic noise levels at the first row of residences fronting South Street and Boronia Street based on 2031 traffic volumes. Where vehicles could cross over the rail tracks, a +4 dB L_{Aeq} correction has been applied to a 10-metre section of road to account for the potential increase in noise.

The results of the noise modelling indicate that 32 receivers north of South Street and Boronia Street are predicted to experience an increase in noise level greater than 2 dB and receive noise levels above the RNP controlling noise criteria for residences adjacent to collector roads, being $L_{Aeq(15hour)}$ 60 dB for the day period and $LA_{eq(9hour)}$ 55 dB during the night period.

Should the RNP criteria be exceeded at sensitive receivers, mitigation consideration is required. Note should be made that the 3-dimensional design of these roads has not yet been completed and the road noise model has not been validated in accordance with the *Model Validation Guideline* (Transport for NSW, 2018).

Once the final road configuration is confirmed and designed, it is recommended that a detailed operational road traffic noise assessment be undertaken in accordance with RNP and the relevant Transport for NSW road traffic noise guidelines to confirm the requirement for mitigation measures.

Mitigation strategy to minimise rail-generated airborne noise

The results of the noise modelling indicate no residential receivers are predicted to qualify for noise mitigation consideration as the RING trigger levels are not predicted to be exceeded.

Once the final design of the light rail has been developed, the noise model would be updated. The noise mitigation strategies outlined below would be considered during this process:

- Generally, at-source control measures are the most-effective option as they benefit the greatest number of receivers. Potential at-source noise mitigation options have been discussed in Section 4.6.1.1, including control options for the trackform and maintenance of the track to minimise friction between the wheel and the rail.
- Control measures in transmission, such as noise barriers, have not been considered as most of the trackform would be embedded rail allowing pedestrian and vehicle access across the tracks. The installation of a noise barrier parallel to the embedded track would prevent pedestrian and vehicle access across the track.
- Property treatments at the receiver may be an appropriate mitigation strategy to reduce potential airborne noise impacts should there be residual noise impacts at sensitive receivers. This would be confirmed once all at-source feasible and reasonable mitigation measures have been considered.

Mitigation strategy to minimise rail-generated ground-borne noise (and vibration)

At-source controls would be the most-effective option to reduce rail-generated ground vibration, and therefore ground-borne noise, to the affected sensitive receivers.

Decreasing the track stiffness (i.e. increasing track resilience), via the use of special boots, sleeper pads, under ballast mats or floating track systems, to provide high or very-high ground-borne noise and vibration attenuation would be investigated during the next stages of design. The focus of the investigation would specifically be located between the John Street and Melrose Park stops, where most of the affected residences are located.

It is understood that ‘high’ and ‘very high’ attenuation tracks are installed in some sections of Parramatta Light Rail Stage 1. Noise and vibration measurements of attenuated trackforms would need to be undertaken to accurately quantify potential ground-borne noise and vibration benefits and the potential increase in airborne noise levels. These measurements would be undertaken on similar track systems such as Parramatta Light Rail Stage 1 or the most representative system available at the time.

The potential noise and vibration mitigation options would be refined during the next stages of design taking into account the outcomes of the compliance noise monitoring undertaken for Stage 1 (generally conducted within 12 months of its opening).

Mitigation strategy to minimise airborne noise from fixed facilities

PA systems would be designed to comply with the *Noise Policy for Industry* (NPfI) (EPA, 2017) intrusiveness and sleep disturbance trigger levels at all sensitive receivers. PA systems would also be self-adjusting to the ambient noise level to reduce noise levels during more sensitive periods of the day.

Traction power substations would also be designed to comply with the lower of the NPfI intrusiveness and amenity noise levels at sensitive receivers. The rectifier and auxiliary transformers would be housed inside buildings to reduce the potential for noise impacts at receivers.

It has been predicted that light rail vehicle noise at the stabling yards when entering or exiting the facility would be the dominant noise source contributing to exceedances of the operational noise trigger levels at potential future receivers at the Camellia town centre. For mitigation measures, it has been recommended to incorporate at-source noise mitigation to prevent curve squeal. Acoustic treatments would be considered as the design progresses.

1. Introduction

1.1 Parramatta Light Rail

The NSW Government's Greater Sydney Region Plan *A Metropolis of Three Cities* (Greater Sydney Commission, 2018) outlines a vision for a three-city metropolis. The Central River City covers the four local government areas of the City of Parramatta, Blacktown City, Cumberland City and The Hills Shire. A Metropolis of Three Cities highlights Greater Parramatta as the focal point for the Central River City, with employment growth and public transport being of key importance.

The Greater Parramatta and the Olympic Peninsula area (GPOP), which extends from Westmead and Parramatta in the west to Sydney Olympic Park to the east, is fast emerging as the heart of Sydney's Central River City and is set to grow and change significantly over the next 20 years. Forecasts predict that GPOP will accommodate almost 170,000 new residents by 2041. Employment opportunities will also grow, with an additional 100,000 jobs predicted by 2041 (SGS, 2017).

Parramatta Light Rail will deliver an integrated light rail service that supports the population and employment growth expected throughout GPOP. It will integrate with existing and future modes of transport, including buses, trains, ferries and active transport (pedestrian and cycle networks), as well as Sydney Metro West services and the existing road network. Parramatta Light Rail would be delivered in stages to keep pace with development:

– Stage 1 will connect Westmead to Carlingford via the Parramatta central business district (CBD) and Camellia. The construction and operation of Parramatta Light Rail Stage 1 was approved by the NSW Minister for Planning in May 2018. Major construction is underway with the track installation complete and light rail stop construction in progress. Stage 1 is expected to start operating in 2024. Further information on Stage 1 is available at **Parramatta Light Rail**
– Transport for NSW is now proposing to construct and operate Stage 2 of Parramatta Light Rail ('the project'). Stage 2 would connect the Parramatta CBD and Stage 1 to Camellia, Rydalmere, Ermington, Melrose Park, Wentworth Point and Sydney Olympic Park.

Figure 1.1 provides an overview of Parramatta Light Rail showing both stages.

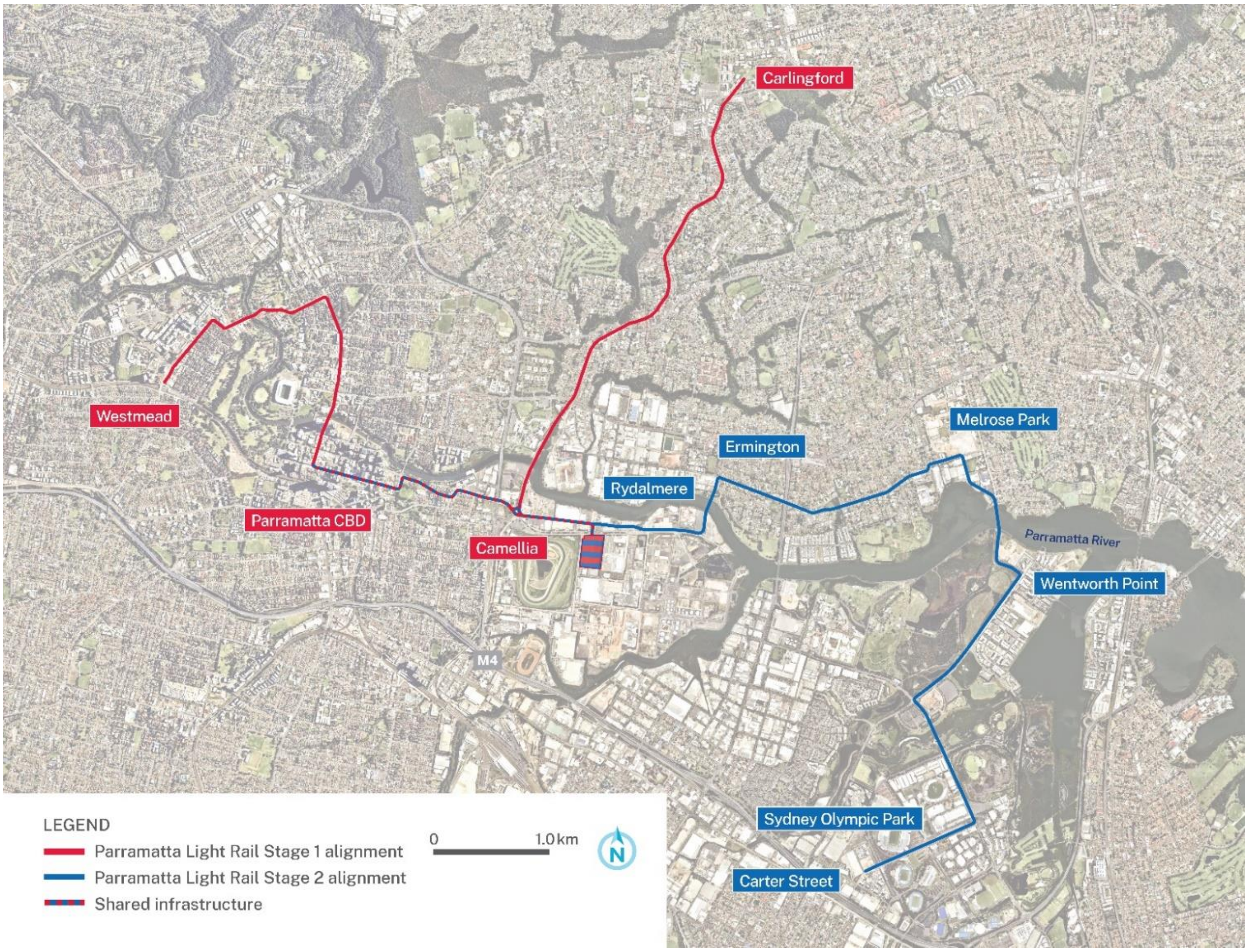


Figure 1.1 Parramatta Light Rail network

1.2 Project overview

The project comprises two main elements:

– construction of about 10 kilometres of light rail infrastructure between Camellia and the Carter Street precinct adjacent to Sydney Olympic Park
– operation of about 13 kilometres of light rail alignment between the Parramatta CBD and the Carter Street precinct, including a section of infrastructure constructed by Parramatta Light Rail Stage 1 between Camellia and the Parramatta CBD.

Further information on the location of the project, and a description of the project site for the purposes of this document, is provided in the environmental impact statement (EIS).

1.2.1 Key features

The key features of the project, which are shown on Figure 1.2, include:

Light rail track and bridges

– a new 10 kilometre long dual light rail track, with 14 stops, between the Parramatta Light Rail Stage 1 line in Camellia and the Carter Street precinct adjacent to Sydney Olympic Park
– two bridges over the Parramatta River to allow the light rail line to cross between Camellia and Rydalmere, and between Melrose Park and Wentworth Point
– a bridge over Silverwater Road between Rydalmere and Ermington
– other bridge works in Ken Newman Park and Sydney Olympic Park.

Active and public transport integration

The project would also deliver:

- about 8.5 kilometres of new active transport links between Camellia and the Carter Street precinct, which would connect with the existing cycling and pedestrian network
- interchanges with other forms of public transport, including trains, ferries, buses and Sydney Metro West, with the main interchanges located in the Parramatta CBD, Rydalmere and Sydney Olympic Park
- a light rail and pedestrian zone (no through vehicle access) within Sydney Olympic Park along Dawn Fraser Avenue between Australia Avenue and Olympic Boulevard
- bus access over the proposed bridge between Melrose Park and Wentworth Point.

Other works

Works proposed to support the project's operation:

- turnback facilities, including along part of Macquarie Street in the Parramatta CBD
- adjustments to the Parramatta Light Rail stabling and maintenance facility at Camellia
- five new traction power substations to convert electricity to a form suitable for use by light rail vehicles
- new and improved open spaces and recreation facilities at Ken Newman Park, the Atkins Road stop and Archer Park.

Further information on the project's features is provided in the EIS (see Chapter 6 (Project description – infrastructure and operation)).

1.2.2 Operation

The project would operate between the Parramatta CBD and the Carter Street precinct, using a section of the Parramatta Light Rail Stage 1 alignment and the alignment constructed as part of the project.

Between the Parramatta CBD and Camellia, the project would operate along about three kilometres of the Parramatta Light Rail Stage 1 alignment. Parramatta Light Rail Stage 2 services would terminate at the Stage 1 Parramatta Square stop to allow customers direct and convenient access to Parramatta's CBD, and interchange with Stage 1 light rail services, trains, buses and Sydney Metro West.

From Camellia, the project would operate along the light rail infrastructure proposed as part of Stage 2, terminating at the proposed Carter Street stop.

The project would operate as a turn-up-and-go light rail service from 5am to 1am, seven days a week, as for Parramatta Light Rail Stage 1. The project would have travel times of around 31 minutes from the Carter Street stop in Lidcombe to the proposed Sandown Boulevard stop in Camellia, and a further seven minutes from Camellia to the Parramatta Square stop in the Parramatta CBD.

Further information on the project's operation is provided in the EIS (see Chapter 6 (Project description – infrastructure and operation)).

1.2.3 Timing

It is anticipated that construction would start in 2025, subject to obtaining all necessary approvals, and the first passenger services are proposed to start from 2030/2031.

An indicative construction methodology is provided in the EIS (see Chapter 7 (Project description – construction)).

1.2.4 Approval requirements

The project is State significant infrastructure and is subject to approval by the NSW Minister for Planning under Part 5, Division 5.2 of the *Environmental Planning and Assessment Act 1979* (NSW) (EP&A Act).

The project is also determined to be a controlled action under the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) and requires approval from the Australian Minister for the Environment and Water.

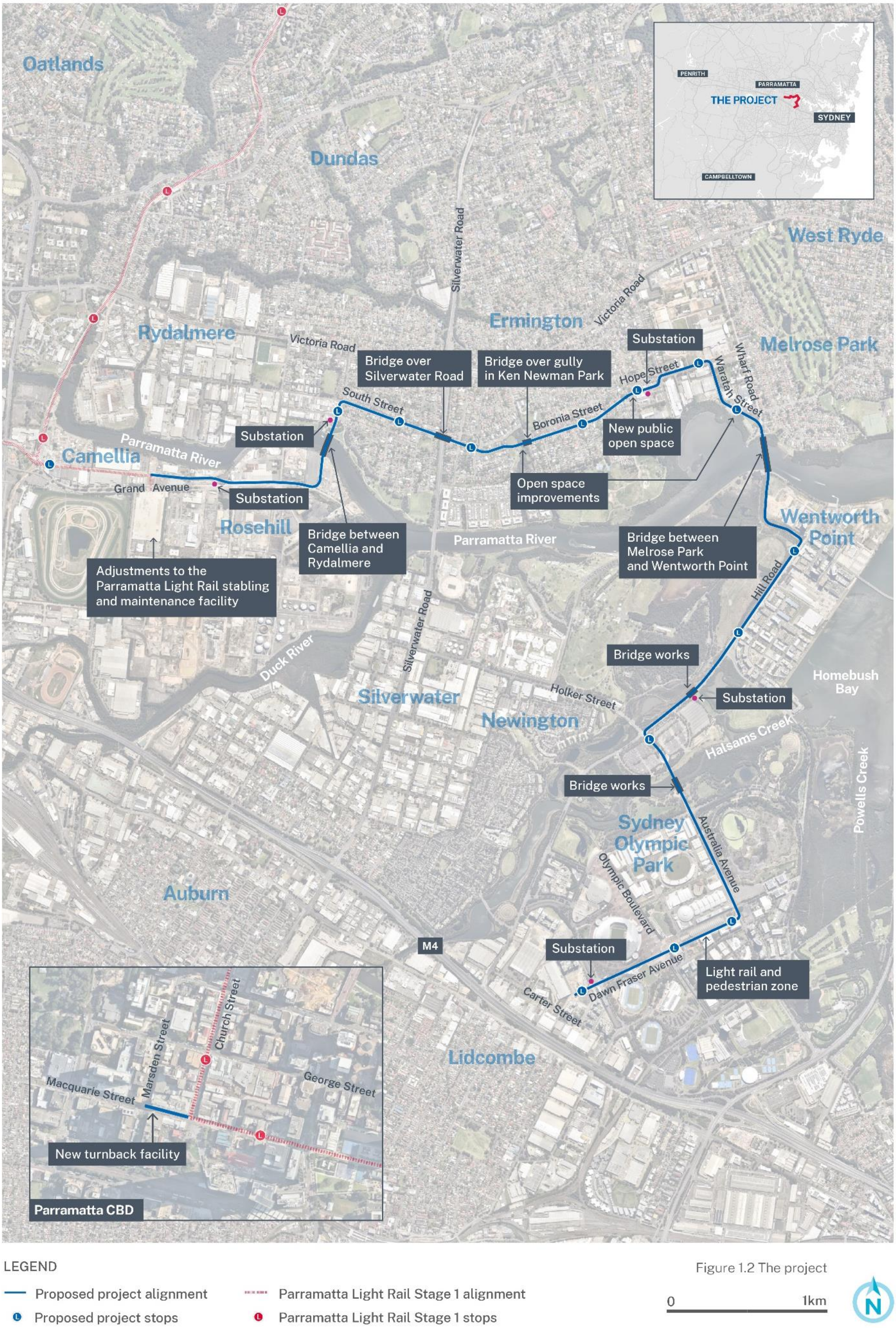


Figure 1.2 Key features of the project

1.3 Purpose and scope of this report

The EIS has been prepared to support an application for approval of the project in accordance with Division 5.2 of the EP&A Act. It addresses the environmental assessment requirements of the Secretary of the Department of Planning and Environment (SEARs).

This report has been prepared as part of the EIS to assess the potential noise and vibration impacts from constructing and operating the project. The report:

– addresses the relevant SEARs listed in Table 1.1
– describes the existing environment with respect to noise and vibration
– assesses the impacts of constructing and operating the project on noise and vibration sensitive receivers
– recommends measures to mitigate and manage the impacts identified.

The methodology for the assessment is described in Section 2.

Table 1.1 SEARs – Noise and vibration

Requirements	Where addressed in this report
1. Construction and operational noise and vibration impacts in accordance with relevant NSW noise and vibration guidelines, including how measures developed to satisfy the guidelines will be implemented and their effect on reducing the level and impact of noise and vibration; and how noise and vibration management strategies will be used and integrated into the proposal.	Section 3
2. The assessment of **construction noise and vibration** must address:	
(a) the nature of construction activities and related noise and vibration characteristics using typical and worst-case scenarios and highlight high-noise generating activities;	Section 3.3 for an overview of the construction works Section 3.3.7 for typical/worst-case scenarios and high-noise intensive equipment have been identified
(b) the intensity and duration of noise (both air and ground-borne) and vibration impacts. This must include consideration of construction impacts over an extended period associated with ancillary facilities (and the like) and construction fatigue;	Section 3.4 (airborne noise) Section 3.2.2 (ground-borne noise) Section 3.5 (vibration) Section 3.4.9 (construction fatigue)
(c) the identification of receivers (including sensitive infrastructure in respect of vibration and major events), during construction;	Section 2.2.4 (identification of sensitive land uses) Section 2.2.4.4 (sensitive infrastructure and major events)
(d) the structural integrity and significance of known or potential heritage items (including Aboriginal places and items of cultural and environmental heritage) that could be affected by vibration;	Section 2.2.2.2 (identification of heritage items and Aboriginal places) Section 3.5.4 (vibration impact to heritage items)
(e) the nature of the impact and the sensitivity of receivers and level of impact including for out-of-hours works;	Section 3.4.2 (summary) Section 3.4.3 (primary project working hours) Section 3.4.6.2 (outside of primary project working hours) Section 3.4.4 (utility works)
(f) the need to balance timely conclusion of noise and vibration-generating works with periods of respite, and other factors that may influence the timing and duration of construction activities (such as traffic management);	Section 3.3.1 (construction program) Section 3.3.2 (construction hours) Section 3.3.3 (justification for OOHW)

Requirements	Where addressed in this report
(g) noise impacts of out-of-hours works (including utility works and works associated with the SSI including those undertaken under another assessment pathway), possible locations where out-of-hours works would be undertaken, the activities that would be undertaken, the estimated duration of those activities and justification for these activities in terms of the *Interim Construction Noise Guideline*;	Section 3.4.4 (outside of primary project working hours work and indicative duration) Section 3.3.5 (construction work areas) Section 3.4.4 (utility works) Section 3.3.3 (activities and justification for OOHW)
(h) sleep disturbance (including the number of noise-awakening events) in accordance with *Interim Construction Noise Guideline*;	Section 3.4.6.3
(i) a cumulative noise and vibration assessment inclusive of impacts from the proposal, including concurrent construction activities within the proposal and the construction of other relevant development in the vicinity of the proposal;	Section 3.4.8 (project works) Section 3.4.9 (other major projects)
(j) qualitative assessment of the predicted effectiveness of mitigation measures (including, where relevant, case studies from other light rail projects) to adequately manage identified impacts, including impacts as identified in (i);	Section 3.4.5
(k) any potential residual noise and vibration impacts following application of mitigation measures.	Section 3.4.6.1 (works within primary project working hours) Section 3.4.6.2 (works outside primary project working hours)
3. **Construction traffic noise** assessment must include:	
(a) justification for the model used in accordance with *NSW Road Noise Policy* Appendix B4 and Appendix B5;	Section 3.6.2
(b) a sleep disturbance assessment (indicative maximum noise levels and number of events) and efficacy of potential mitigation.	Section 3.6.4 (sleep disturbance assessment) Section 3.4.5 (efficacy of mitigation measures)
4. The assessment of **operational noise and vibration** must address:	
(a) all noise producing aspects of the proposal including rail vehicles; stations/stops; the redistribution of traffic from the proposal, and ancillary plant and equipment, taking into account the characteristics of noise and vibration (for example, tonality and low frequency noise);	Section 4.1.1 (airborne noise – Light rail vehicles) Section 4.2.1 (vibration sources) Section 4.4 (fixed facilities) Section 4.5 (redistribution of traffic) Appendix C (detailed methodologies)
(b) the identification of receivers, their sensitivity, and level of impact;	Section 2.2.4 (identification and sensitivity of existing receivers Section 2.2.4 (future receivers) Section 4.1 and Section 4.2 (Sandown Blvd to Carter Street) Section 4.3 (Sandown Blvd to Parramatta CBD) Section 4.4 (airborne noise from fixed facilities)
(c) sleep disturbance (in terms of noise levels and number of noise-awakening events) in accordance with *Rail Infrastructure Noise Guideline*;	Section 4.1.7.2 (Light rail vehicles) Section 4.1.7.3 (Warning bells)
(d) traffic crossing over light rail tracks;	Section 4.5.5

Requirements	Where addressed in this report
(e) quantitative assessment of the predicted effectiveness of mitigation measures (including, where relevant, case studies from other light rail projects) to adequately manage identified impacts;	Section 4.6.1 (airborne noise from the light rail) Section 4.6.2 (ground-borne noise from the light rail) Section 4.6.1.2 (vehicles crossing rail tracks) Section 4.6.3(airborne noise from fixed facilities)
(f) any potential residual noise and vibration impacts following application of mitigation measures.	Section 4.7
5. Description of how **receiver feedback** received during the preparation of the EIS has been taken into account (and would be taken into account post exhibition of the EIS) in the design of mitigation measures, including any tailored mitigation, management and communication strategies for sensitive receivers.	Section 3.7.7 (construction) Section 4.6.5 (operation)
6. The process for **community engagement** should be included or referenced in the noise and vibration assessment as part of the mitigation strategy and assessment.	Section 3.7.7 (construction) Section 4.6.5 (operational noise and vibration mitigation measures)

1.4 Disclaimer

This report has been prepared by GHD for Transport for NSW and may only be used and relied on by Transport for NSW for the purpose agreed between GHD and the Transport for NSW. GHD otherwise disclaims responsibility to any person other than Transport for NSW arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible. The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report. The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared. The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report). GHD disclaims liability arising from any of the assumptions being incorrect. GHD has prepared this report on the basis of information provided by Transport for NSW and others who provided information to GHD (including Government authorities), which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

2. Methodology and approach

2.1 Overview of applicable guidelines

The applicable guidelines referenced in the SEARs, and others used in this assessment, are summarised in Table 2.1 including the relevance of the guidelines to this noise and vibration assessment.

Table 2.1 Applicable guidelines used in this assessment

Assessment guideline	Relevance to the assessment
Guidelines referenced in SEARs SSI-10035	
Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration (ANZECC , 1990)	Not applicable. No blasting is proposed as part of the project.
Assessing Vibration: a technical guideline (AVTG) (DEC, 2006)	Assessment of human comfort vibration impacts to sensitive receivers during construction and operation.
Interim Construction Noise Guideline (ICNG) (DECC, 2009)	Assessment of construction airborne noise and ground-borne noise impacts on sensitive receivers, including noise management levels (NMLs).
Noise Policy for Industry (NPfI) (EPA, 2017)	Assessment of operational noise impacts from fixed facilities and infrastructure such as traction power substations, modifications to the stabling and maintenance facility and light rail stops, including noise trigger levels.
Rail Infrastructure Noise Guideline (RING) (EPA, 2013)	Assessment of operational noise impacts from light rail movements to sensitive receivers, including noise trigger levels.
NSW Road Noise Policy (RNP) (DECCW, 2011)	Assessment of a road traffic noise impacts associated with the project during construction and operation, including noise trigger levels.
Development Near Rail Corridors and Busy Roads – Interim guideline (DoP, 2008)	Relevant for new noise and vibration sensitive development adjacent to the light rail alignment.
Structural Vibration – effects of vibration on structures (DIN 4150-3) (German Standards, 1999)	Determining relevant criteria for cosmetic damage to vibration sensitive structures of heritage significance (if found to be structurally unsound) and buried pipework/utilities.
Additional guidelines referenced in this assessment	
Construction Noise and Vibration Strategy and Addendum (CNVS) (Transport for NSW, 2019a)	Assessment of construction noise and vibration impacts for Transport for NSW rail projects and determination of additional mitigation measures for residual noise impacts following the application of reasonable and feasible mitigation measures.
Evaluation and measurement for vibration in buildings Part 2 (BS7385) (British Standards, 1993)	Determining relevant criteria for cosmetic damage to vibration sensitive (non-heritage) standard structures (e.g. residential dwellings).
Environmental Noise Management Manual (ENMM) (RTA, 2001)	This document regarding operational road traffic noise is mostly superseded by the RNP, however is referenced by Transport for NSW to address Lmax noise levels associated with operational road traffic noise to identify potential sleep disturbance impacts (e.g. from heavy vehicle pass-bys or vehicles crossing over rail tracks).

2.2 Study area

2.2.1 Noise catchment areas

The study area for the noise and vibration assessment was developed based on the potential extent of the impacts of project activities including:

– construction activities at work areas and compounds
– construction heavy vehicle routes
– noise and vibration generated by the operation of light rail vehicles and permanent infrastructure.

The study area was been divided into 20 Noise Catchment Areas (NCAs labelled 'A' to 'T') based on the types of sensitive receivers and acoustic environments as shown on Figure 2.1). Table 2.2 provides a description of the typical land use types within each NCA.

Table 2.2 Description of Noise Catchment Areas (NCAs)

NCA	Area	Description
A	Camellia and Rosehill	Typically, urban and suburban residential land uses in Camellia and Rosehill (to the west of James Ruse Drive) and includes non-residential receivers such as Rosehill Public School, Rosehill Community Preschool, Rosehill Bowling Club and The Camellia Hotel.
B	Camellia industrial area	No existing residential land uses. Typically, industrial land uses to the east of James Ruse Drive and includes Rosehill Gardens Racecourse.
C	Camellia Master Plan area	Area identified for future redevelopment (Camellia town centre of mixed land uses) as shown in the Draft Camellia-Rosehill Place Strategy (DPIE, 2021) (area to the east of James Ruse Drive and South of Parramatta River). There are no existing residential land uses and typically consists of industrial and commercial land uses.
D	Rydalmere industrial area	Industrial area in Rydalmere to the north of Parramatta River and west of Park Road.
E	Rydalmere suburban area 1	Typically, suburban residential land uses in Rydalmere and includes non-residential land uses such as Rydalmere Public School, Saeum Presbyterian Church and Immanuel Australia Church.
F	Rydalmere suburban area 2	Typically, suburban residential land uses in Rydalmere, north of Parramatta River, south of Victoria Road and west of Silverwater Road.
G	North of Victoria Road	Typically, urban and suburban residential land uses north of Victoria Road in Rydalmere and Ermington (generally > 300 metres from the project site).
H	Ermington suburban area 1	Typically, suburban residential land uses in Ermington, north of Parramatta River, south of Victoria Road and west of Silverwater Road and east of Spurway Street. Includes non-residential land uses such as Future Starts Early Learning Centre, and commercial receivers directly south of Victoria Road.
I	Ermington suburban area 2	Typically, suburban residential land uses in Ermington, north of Parramatta River, south of Victoria Road, east of Spurway Street and west of Atkins Road. Includes non-residential land uses such as Rydalmere East Public School, Ermington Rainbow College, Tiny Scholars Childcare and Little Explorers Learning Centre.
J	Ermington and Melrose Park redevelopment area	Existing residential and industrial land uses in Ermington and areas identified for future redevelopment (mixed-use), including Melrose Park north precinct (approved for redevelopment) and Melrose Park south precinct (development application under consideration). Includes non-residential receivers such as Melrose Park Public School and Brethen Church.
K	Melrose Park/West Ryde suburban area	Typically, suburban residential land uses in Melrose Park and West Ryde, east of Wharf Road and north of Parramatta River. Includes non-residential receivers such as Ryde Parramatta Golf Course and Melrose Family Day Care.
L	Wentworth Point (near Ferry)	Typically, urban residential and mixed-use high-rise developments in Wentworth Point including Sanctuary Wentworth Point (partially constructed). Includes non-residential receivers such as Wentworth Point Public School and commercial receivers on the ground floor of mixed-use developments.

NCA	Area	Description
M	Wentworth Point (east of Hill Road)	Typically, urban residential buildings, mixed-use developments and commercial premises to the east of Hill Road and west of Parramatta River. Includes the approved redevelopment of an existing industrial site to a residential/mixed-use development at 37-39 Hill Road.
N	Sydney Olympic Park – west of Hill Road	Typically, open space (passive recreation) within Sydney Olympic Park (west of Hill Road, south of Parramatta River and east of Silverwater correctional facility) and includes non-residential receivers such as Sydney Olympic Park Lodge, Armory Theatre, Sydney Disc Golf Club and Birdlife Australia Discovery Centre.
O	Sydney Olympic Park – east of Hill Road	Typically, open space (passive recreation) within Sydney Olympic Park (east of Hill Road) and includes non-residential receivers such as the future URBN SURF wave pool (under construction) and the Sydney Olympic Park Archery Centre.
P	Newington	Typically, suburban residential receivers located within Newington.
Q	Sydney Olympic Park centre	Typically, commercial buildings within Sydney Olympic Park and includes residential and mixed-use buildings, hotels, Stadium Australia, Qudos Bank Arena, Sydney Showground and sports centres. Includes an area identified for future redevelopment in the *Sydney Olympic Park Master Plan 2030* (Sydney Olympic Park Authority, 2018).
R	Carter Street precinct, Lidcombe	Area identified for future (mixed-use) redevelopment that has already commenced as shown in the *Carter Street Master Plan* (DPIE, 2020). Existing land uses include high-rise residential buildings, commercial premises and industrial premises.
S	Parramatta CBD and surrounds	Typically consists of medium and high-rise commercial buildings with mixed-use developments in the CBD. Low-density residential dwellings are situated on the outskirts of the CBD area. Non-residential land uses include various places of worship, educational institutes, childcare centres and hotels/motels.
T	Parramatta suburban area	Typically consists of low and medium density residential buildings with scattered commercial buildings. Non-residential land uses include various places of worship, educational institutes, childcare centres and hotels/motels.

Receivers located in NCA-T, between NCA-A (Camellia and Rosehill) and NCA-S (Parramatta CBD and surrounds), would only be impacted by operational noise from the project. This would be a result of increased light rail vehicle traffic volumes on the existing Stage 1 alignment when Stage 2 is operational (between the Macquarie Street turnback and the Sandown Boulevard light rail stop).

The receivers in NCA-T would not be affected by construction noise from the project as there is a sufficient separation distance from the works that construction related impacts would be negligible. As such, receivers in NCA-T have not been included in the construction noise and vibration assessment.

Operational noise and vibration impacts to the receivers between the Macquarie Street turnback facility and the Sandown Boulevard light rail stop in Camellia have been assessed separately in section 4.3.

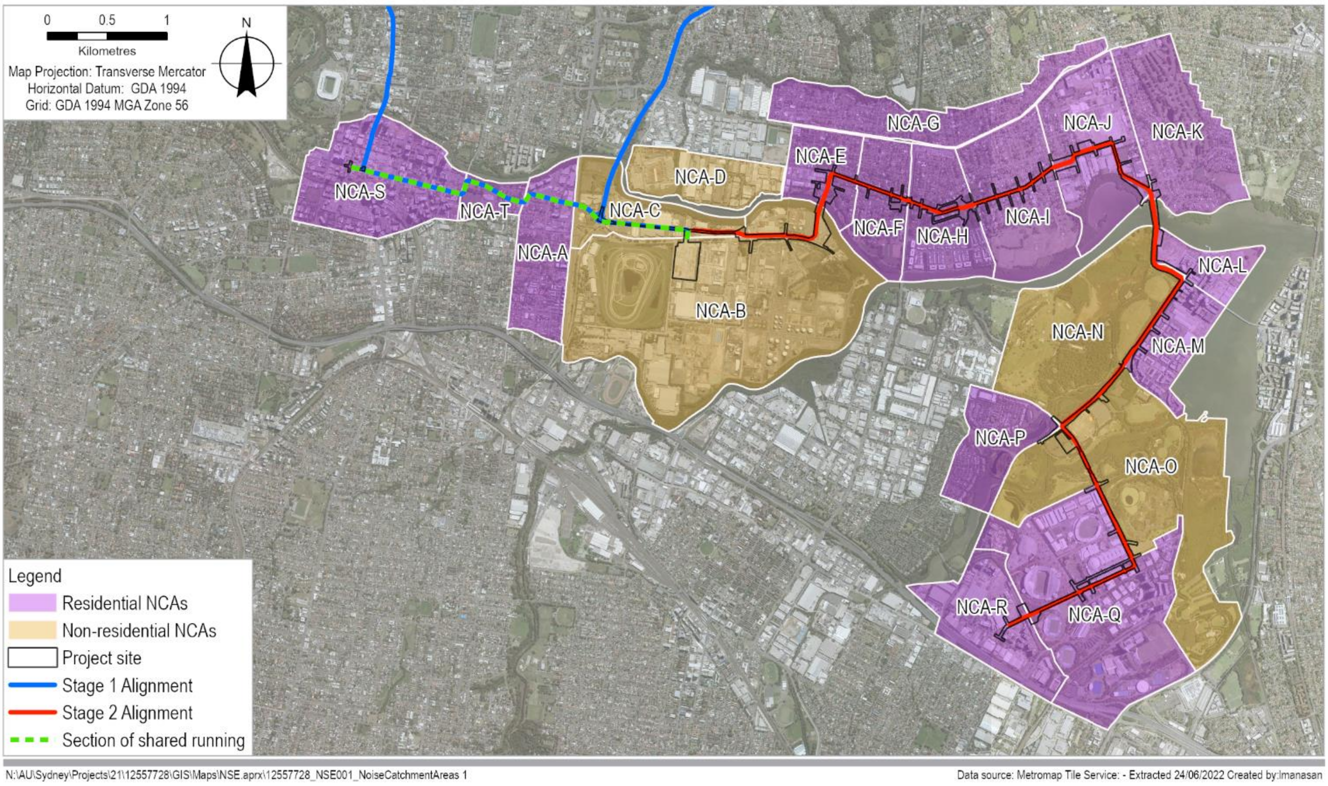


Figure 2.1 Noise Catchment Areas

2.2.2 Construction study areas

2.2.2.1 Construction noise study area

The construction noise study area includes the sensitive receivers identified in each of the NCAs except for NCA-T (see Figure 2.1). The construction noise study area has been selected to ensure all potential construction noise impacts are captured.

2.2.2.2 Construction vibration study area

The study area to assess potential vibration impacts during construction is 100 metres from the project site as vibration impacts are not expected beyond that distance. This includes unreinforced and reinforced buildings, sensitive infrastructure (such as wharfs and train stations), built heritage items such as buildings or structures and Aboriginal heritage sites.

There could be potential for direct and indirect impacts associated with surface vibratory intensive works near Aboriginal sites. To identify potential impacts, Aboriginal sites within 100 metres of the project site have been assessed similarly to buildings of heritage significance. It has been assumed that other items of environmental heritage, such as wetlands, would not be indirectly affected by vibration intensive works.

2.2.3 Operation study areas

2.2.3.1 Airborne noise and ground-borne noise and vibration of light rail vehicles

The study area for the operational noise and vibration assessment is 150 metres from the light rail alignment as noise and vibration levels experienced at sensitive receivers outside of this distance are predicted to be well below the relevant trigger levels.

2.2.3.2 Airborne noise from fixed infrastructure

For the operational noise assessment of fixed infrastructure (traction power substations, light rail stops and the modifications to the stabling and maintenance facility at Camellia), noise levels have been assessed at the nearest identified existing and future sensitive receivers. The assessment of impacts to the nearest sensitive receivers ensures that the worst-case impacts are identified and appropriate mitigation measures can be recommended.

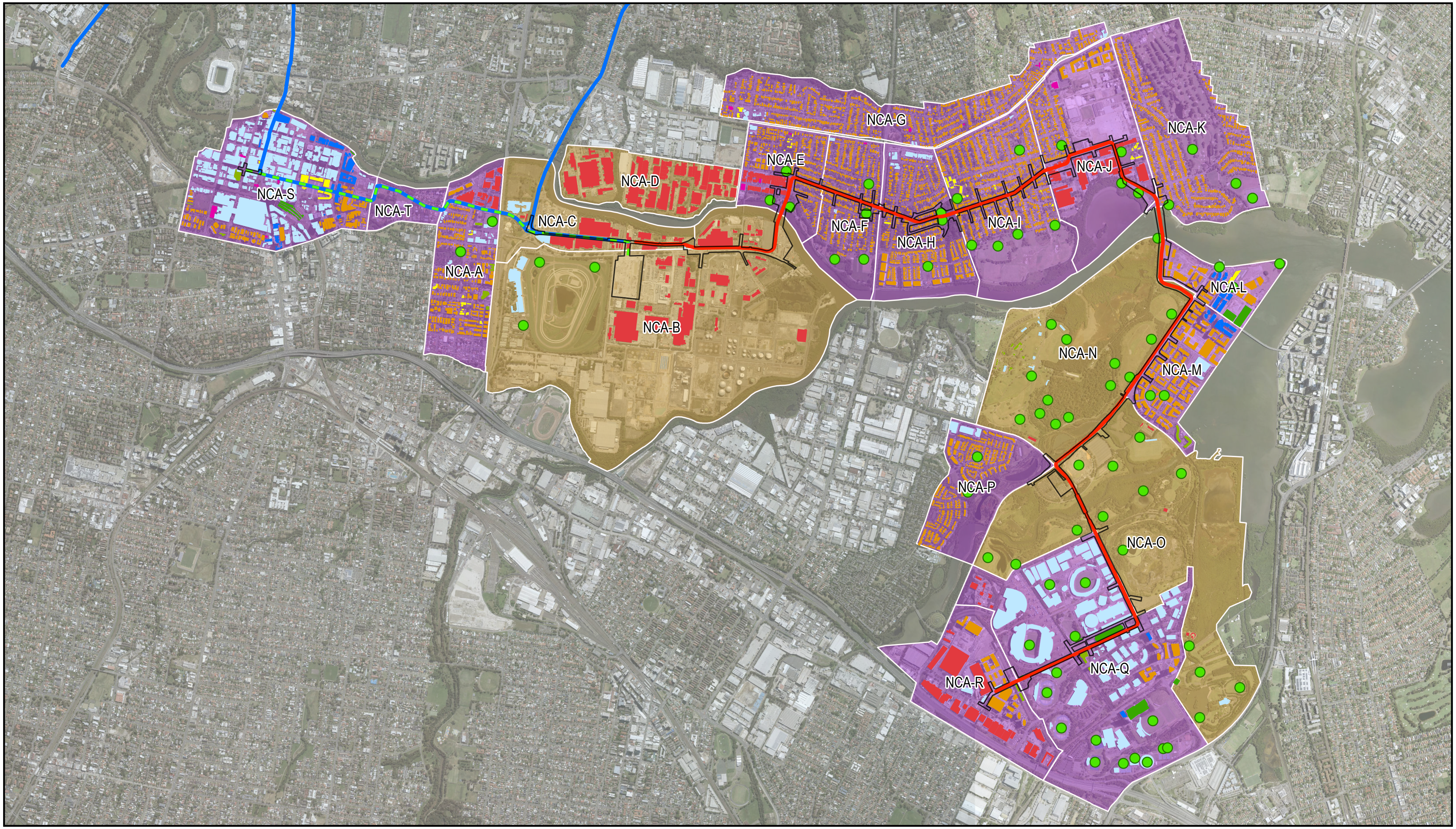
2.2.4 Identification of sensitive land uses

2.2.4.1 Sensitive receivers

Noise sensitive land uses are defined based on the type of occupancy and the activities performed in the land use. For the purposes of this assessment, receivers sensitive to noise and vibration have been categorised as:

– residential – residences and mixed-use developments (typically commercial on the ground floor and residential above)
– non-residential:
  - educational institutes and classrooms at schools
  - hospital wards and operating theatres (not applicable to the study area)
  - places of worship
  - passive and active recreational areas such as parks, sporting fields, golf courses. Note that these recreational areas are only considered sensitive when they are in use or occupied
  - hotels and other temporary accommodation buildings
  - commercial buildings including businesses, retail, offices, sports centres, bars/cafes etc.
  - industrial premises.

The sensitive receivers identified in the study are shown in Figure 2.2 and listed in detail in Appendix B.



Legend
- Stage 1 Alignment
- Shared running with PLR Stage 1
- Stage 2 Alignment
- Project site
- Residential NCAs
- Non-residential NCAs
- Open area receiver

Sensitive Receivers
- Commercial
- Educational institute
- Hotel
- Industrial
- Mixed use
- Non-sensitive
- Place of worship
- Residential

Paper Size ISO A4

0 0.5 1

Kilometres

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

N

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

Sensitive receivers

FIGURE 2.2

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2.2.4.2 Planned development adjacent to the rail alignment

A review of recent major development applications has been undertaken to capture new developments adjacent to the project site, where information is available. The following planned developments have been included in this assessment.

- The Melrose Park North Planning Proposal applies to land at 8, 38-42, 44 & 44A Wharf Road, Melrose Park, 15-19 & 27-19 Hughes Avenue and 655 Victoria Road, Ermington. The majority of the existing buildings within this precinct either have been, or would be removed to be, redeveloped. The noise assessment assumes there are no existing sensitive receivers within this area. Future development in this area should be designed to comply with the requirements of the Transport and Infrastructure SEPP during the operation of the project.
- Sanctuary Wentworth Point (14-16 Hill Road, Wentworth Point). This is broken up into six phases with separate development applications. Phase 1 has been completed and the remaining phases are yet to be constructed. This assessment assumes all phases would have been built as per the Development Application (DA) architectural plans.
- Demolition of existing buildings and construction of multi-level residential buildings at 37-39 Hill Road, Wentworth Point. The assessment assumes the development has been built as per the DA architectural plans.
- An open water surf facility (URBN SURF) currently under construction in Sydney Olympic Park on the corner of Hill Road and Holker Busway.
- New residential developments in the Carter Street Precinct (Phase 3 and 4). The assessment assumes the following developments have been built as per their DA architectural plans:
  - 4-8 Uhrig Road
  - 5 Uhrig Road
  - 11A and 13 Carter Street.

The land use survey would be updated regularly to ensure new developments are captured and included in the Noise and Vibration Management Plan (NVMP) prior to construction works.

2.2.4.3 Future urban growth areas

Several areas of land adjacent to the project site have been identified for future urban growth. These urban growth proposals are generally in the early stages of planning with limited information available to be included in the modelling and assessment. Where planned rail infrastructure projects (and/or corridors) have been approved, it is reasonable for a developer and consent authority to consider such approved projects in accordance with the requirements of the Transport and Infrastructure SEPP.

It is expected that future development in the following areas would consider the Parramatta Light Rail Stage 2 rail alignment to ensure the requirements of the Transport and Infrastructure SEPP can be achieved:

- the *Draft Camellia-Rosehill Place Strategy* (DPIE, 2021) has been made public for review and includes the redevelopment of areas within Camellia and Rosehill, including the Camellia town centre
- the Melrose Park North Planning Proposal applies to land at 8, 38-42, 44 & 44A Wharf Road, Melrose Park, 15-19 & 27-19 Hughes Avenue and 655 Victoria Road, Ermington
- the Melrose Park South Planning Proposal applies to two separate sites owned by Holdmark at 112 Wharf Road and 30 & 32 Waratah Street, Melrose Park (east site) and 82 Hughes Avenue, Ermington (west site)
- various areas identified within the Sydney Olympic Park Master Plan 2030 to include more residential homes, education sites, local parks and retail spaces, amongst other changes
- proposed land zoning changes Auburn Local Environmental Plan 2010 as part of the *Carter Street Precinct Master Plan* (DPIE, 2020), primarily to include 700 new homes, a future primary school and open space.

Future development in these areas should consider the potential operational noise and vibration impacts of the project based on the outcomes of this assessment, with consideration to the Transport and Infrastructure SEPP and the *Development Near Rail Corridors and Busy Roads – Interim Guideline* (DoP, 2008).

Future noise contours for the Camellia town centre and the Melrose Park north and south precincts are presented in section 4.1.5.2 to assist with planning in these areas. These areas are located directly adjacent to the light rail alignment with significant land use changes planned in the future.

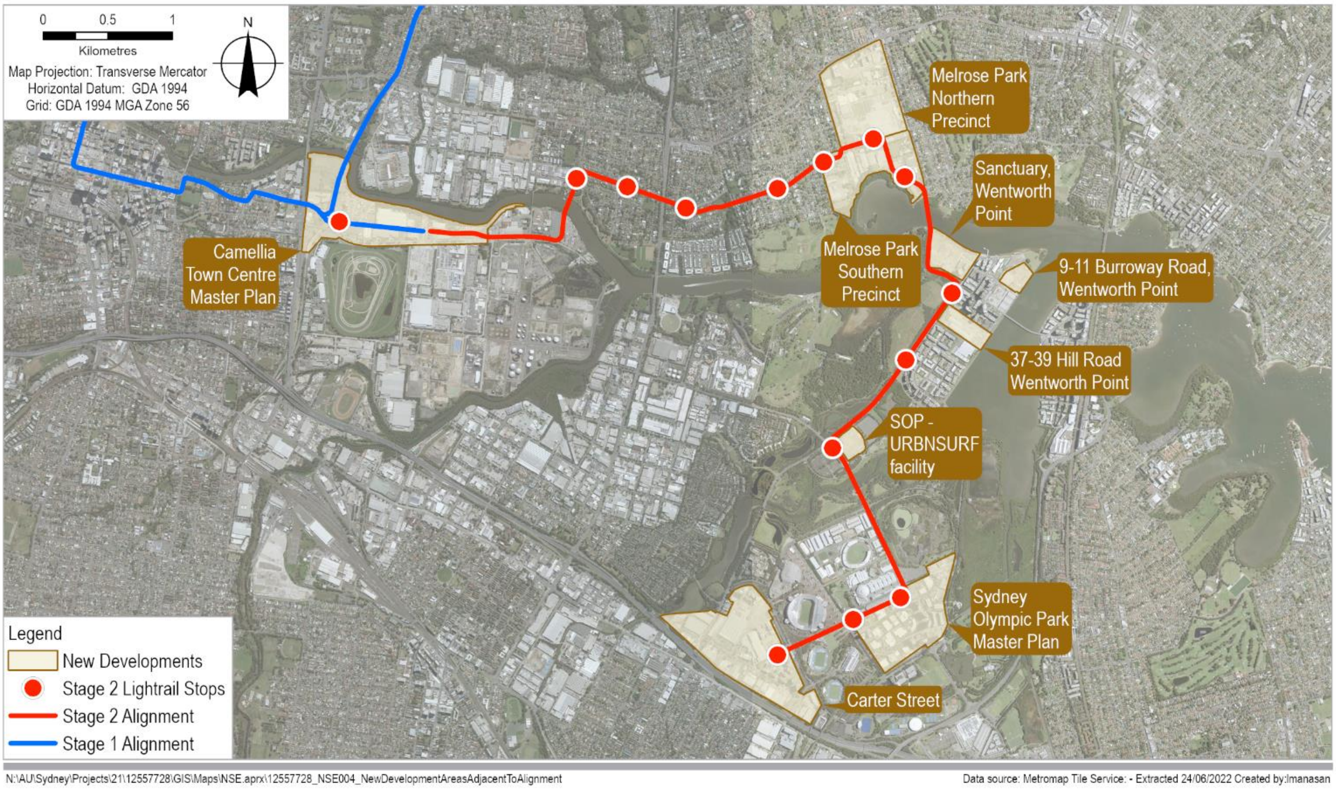

Figure 2.3 New development areas adjacent to the Stage 2 light rail alignment

2.2.4.4 Major events

Noise and vibration during construction has the potential to impact major events held at the following locations:

- Rosehill Gardens Racecourse
- Stadium Australia (Accor Stadium)
- Qudos Bank Arena
- Sydney Showground and associated exhibition halls and pavilions.

Predictions have been made to the receiver buildings and at open areas (where relevant) to identify potential noise impacts should construction works occur concurrently with any potential major events.

2.2.5 Identification of heritage items in the vibration study area

2.2.5.1 Listed heritage items (State and local significance)

Built items of heritage significance or exposed archaeological sites within 100 metres of the project site have been identified for consideration in the vibration assessment and are presented in Table 2.3 (Parramatta CBD) and Table 2.4 (Camellia to Carter Street precinct). Note should be made that heritage items should not be assumed to be structurally unsound. Should a heritage item fall within the safe working distance for vibratory equipment, investigations would be undertaken at these buildings to determine if there are any buildings or structures within these sites that are structurally unsound.

Table 2.3 Heritage listed buildings within 100 metres of the project site (Parramatta CBD)

Heritage items within 100 metres of the project site	Address	Significance	Listing number
Bicentennial Square and adjoining buildings	188, 188R (part of Church Street road reserve) and 195A Church Street, 38 Hunter Street and 83 Macquarie Street, Parramatta	Local	Parramatta LEP (I651)
Horse parapet facade and potential archaeological site	198–216 Church Street and 38–46 Macquarie Street, Parramatta	Local	Parramatta LEP 2011 (I656)
Archaeological site and associated artifacts	45 Macquarie Street, Parramatta	State	SHR 02027
St John's Anglican Cathedral	195 Church Street, Parramatta	State	SHR 01805 Parramatta LEP (I01805)
Warden's cottage (verger's cottage)	45 Hunter Street, Parramatta	Local	Parramatta LEP (I653)
St John's Parish Hall	191 Church Street Parramatta	Local	Parramatta LEP (I713)
Two-storey residence	41 Hunter Street, Parramatta	Local	Parramatta LEP (I714)
Parramatta Town Hall	182 Church Street Parramatta	Local	Parramatta LEP (I650)
Leigh Memorial Uniting Church	119 Macquarie Street Parramatta	Local	Parramatta LEP (I719)
Roxy Theatre	65-69 George Street Parramatta	State	SHR 00711 Parramatta LEP (I0711)
Woolpack Hotel	19 George Street, Parramatta	Local	Parramatta LEP (I702)
HMV (former Commonwealth Bank)	215 Church Street, Parramatta	Local	Parramatta LEP (I658)
Telstra House (former post office)	211 Church Street, Parramatta	Local	Parramatta LEP (I657)
Murrays' Building (and potential archaeological site)	188A Church St	Local	Parramatta LEP (I652)
Shop (and potential archaeological site)	205 Church Street Parramatta	Local	Parramatta LEP (I655)
Former courthouse wall and sandstone cellblock	235 Church Street, Parramatta	Local	Parramatta LEP (I659)
Kia Ora (and potential archaeological site)	64 Macquarie Street, Parramatta	Local	Parramatta LEP (I716)
Shops	47 George Street, Parramatta	Local	Parramatta LEP (I703)
Marsdens Building	154 Marsden Street, Parramatta	Local	Parramatta LEP (I701)
Centennial Memorial Clock	Centenary Square, Church Street, Parramatta	Local	Parramatta LEP (I654)

Table 2.4 Heritage listed buildings within 100 metres of the project site (Camellia to Carter Street precinct)

Heritage items within 100 metres of the project site	Address	Significance	Listing number
Sewage Pumping Station 67	Grand Avenue North, Camellia	State	State Heritage Register (SHR) 01643 Parramatta Local Environmental Plan (LEP) (I01643)
Pumping Station	41 Grand Avenue, Camellia	Local	Parramatta LEP (I5)
Tram Alignment	Grand Avenue, Camellia	Local	Parramatta LEP (I35)
Rose Farm House	15-17 Honor Street, Ermington	Local	Parramatta LEP (I63)
Well	1 Spurway Street, Ermington	Local	Parramatta LEP(I75)
Bulla Cream Dairy (Willowmere)	64 Hughes Avenue, Ermington	Local	Parramatta LEP (I64)
Ermington Wharf (former Pennant Hills Wharf/Wharf)	Wharf Road, Melrose Park	Local	Parramatta LEP (I82) Ryde LEP (165) SEPP (Biodiversity and Conservation) 2021
State Abattoir locality	1 Herb Elliott Avenue, Sydney Olympic Park	State	State Environmental Planning Policy (Precincts—Central River City) 2021

2.2.5.2 Potential heritage items

Based on a visual inspection undertaken as part of the non-Aboriginal heritage assessment (see Technical Paper 5 (Statement of Heritage Impact – Built Heritage), the following properties have been identified to be potential heritage items assessed as having local significance, located within or adjacent to the project site:

- house at 46 John Street, Rydalmere
- house at 69 South Street, Rydalmere
- house at 71 South Street, Rydalmere
- house at 67 Boronia Street, Ermington.

2.2.5.3 Aboriginal heritage sites

Technical Paper 4 (Preliminary Aboriginal Cultural Heritage Assessment Report) identified two registered Aboriginal sites (AHIMS 45-6-2977, AHIMS 45-6-4015) which are located on Macquarie Street within the Parramatta CBD section of the project site.

An additional eight potential archaeological deposits (PADs) either within or adjoining the project site were identified during an archaeological field survey for the project:

- PAD1 Ermington Boat Ramp, Melrose Park
- PAD2 Melrose Park Public School Oval (outside project site)
- PAD3 Rydalmere Wharf
- PAD4 Haslams Creek, Sydney Olympic Park
- PAD5 Broadoaks Park, Rydalmere
- PAD6 Ken Newman Park, Ermington
- PAD7 Hill Road West, Sydney Olympic Park
- PAD8 Brickpit, Sydney Olympic Park.

AHIMS sites and PADs have the potential to be directly or indirectly impacted by vibratory intensive works. It is not yet known whether the PADs above may have Aboriginal items that may be sensitive to nearby vibration works and a test excavation program is proposed, prior to construction works, to confirm the presence and sensitivity of Aboriginal archaeology to vibratory intensive works.

2.2.5.4 Historical archaeological management units and maritime archaeological areas

Technical Paper 6 (Historical Archaeological Assessment) identified 25 historical archaeological management units (HAMUs) across the project site. Those HAMUs where there is a medium to high potential for non-Aboriginal State significant archaeological resources or high potential for locally significant archaeological resources that, if present, could be impacted by vibration are listed in Table 2.5. Two maritime archaeological management units (MAMUs) were also identified in the riverbed between Camellia and Rydalmere and between Melrose Park and Wentworth Point however both have been identified as having low potential for archaeological resources with no further assessment with respect to vibration required.

Table 2.5 Key historical archaeological management units with medium to high potential

Reference	Site location
Historical archaeological management units	
HAMU 03	37 & 13 Grand Avenue, Camellia
HAMU 07	Broadoaks Park, Rydalmere
HAMU 11	Ken Newman Park, Ermington
HAMU 15	Ermington Wharf and Archer Park, Melrose Park
HAMU 16	East of Wharf Road and Koonadan Reserve, Melrose Park

2.2.5.5 Sensitive transport infrastructure

Sensitive transport infrastructure within 100 metres of the project site include:

– Rydalmere Wharf
– Ermington Boat Ramp
– Sydney Olympic Park Wharf
– Olympic Park Station.

2.3 Assessment approach

2.3.1 Noise monitoring overview

Noise monitoring was undertaken from Thursday 9 December 2021 until Wednesday 22 December 2021 at 11 residential locations to quantify and characterise the existing ambient noise environment across the study area. The long-term noise monitoring program was undertaken in accordance with *Noise Policy for Industry* (EPA, 2017) and the full noise monitoring methodology is outlined in Appendix C-1, along with the results of the attended noise monitoring survey at each location.

For NCA-G, NCA-P and NCA-S, rating background levels (RBLs) have been sourced from recent acoustic reports in an area representative of most-affected residences in the relevant NCA. The use of previous acoustic assessments to establish RBLs for residences within each relevant NCA is considered appropriate for this project as these noise measurements occurred during conditions that are representative of 'normal' (no COVID-19 related restrictions) traffic and commercial activity.

Table 2.6 Source of rating background levels (RBLs) for each NCA with residential land uses

NCA	Source of noise monitoring data
A[1]	Noise monitoring undertaken at 5 Hope Street, Rosehill.
E[1]	Noise monitoring undertaken at 100 South Street, Rydalmere.
F[1]	Noise monitoring undertaken at 168 South Street, Rydalmere.
G	Noise impact assessment for Development Application 659 Victoria Road, 2020 (White Noise Acoustics, 2020). Monitoring location at 657-661 Victoria Road, Melrose Park.
H[1]	Noise monitoring undertaken at 33 River Road, Rydalmere.
I[1]	Noise monitoring undertaken at 55 Boronia Street, Ermington.
J[1]	Noise monitoring undertaken at 9 Hope Street, Ermington.
K[1]	Noise monitoring undertaken at 78 Lancaster Avenue, Melrose Park.
L[1]	Noise monitoring undertaken at 105/16 Hill Road (Sanctuary), Wentworth Point.
M[1]	Noise monitoring undertaken at 286/33 Hill Road (Palermo), Wentworth Point.
P	Acoustic report for Development Application URBNSURF (Wood & Grieve Engineers, 2017). Monitoring location at nearest residences on Blaxland Avenue, Newington.
Q[1]	Noise monitoring undertaken at 101/9 Australia Avenue, Sydney Olympic Park.
R[1]	Noise monitoring undertaken at G59/9 Grazier Street, Lidcombe.
S	Noise monitoring undertaken for Parramatta Light Rail Stage 1 EIS (SLR, 2017). Monitoring location at Arthur Phillip High School.

Note: 1. Noise monitoring data has been undertaken as part of the Parramatta Light Rail Stage 2 EIS

The noise monitoring locations are shown in Figure 2.4. The unattended noise monitoring results are presented in Table 2.7 for each monitoring location.

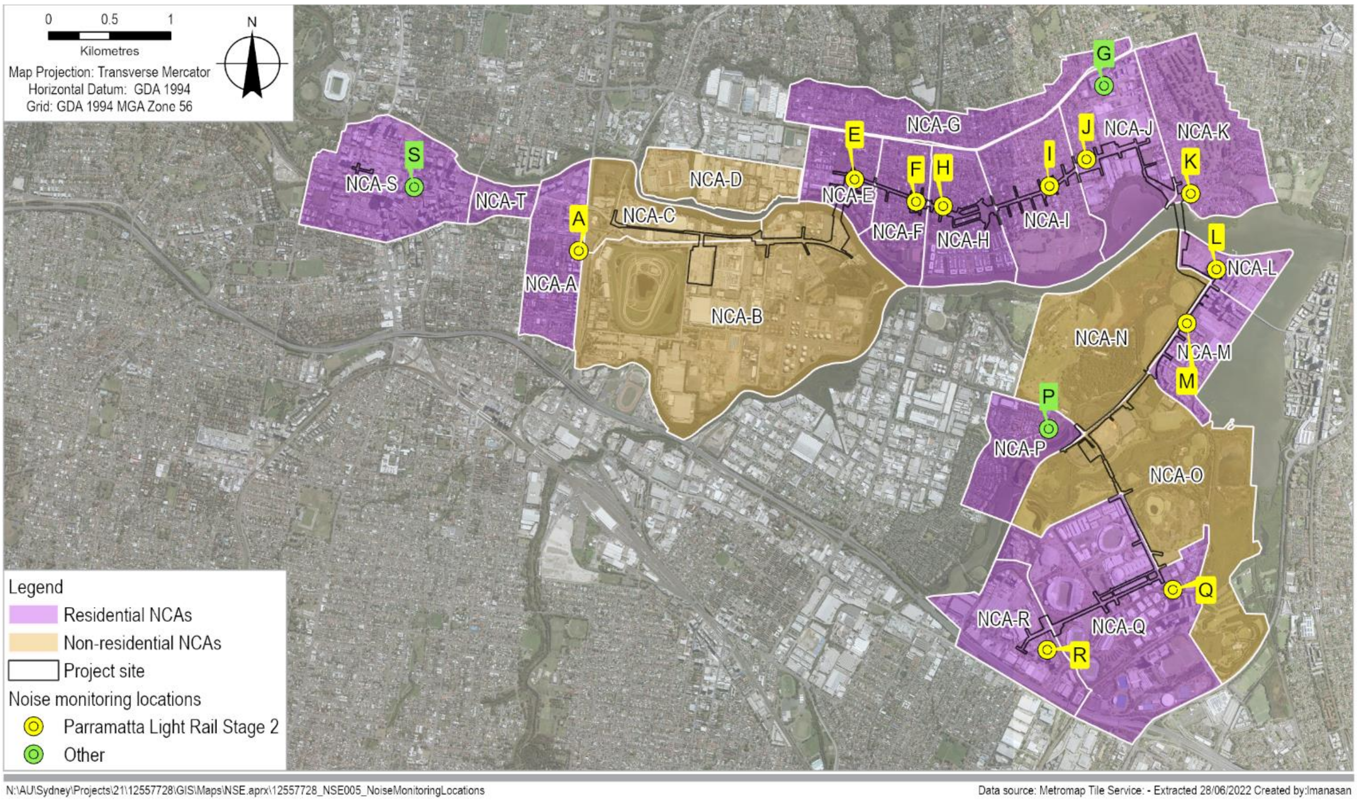

Figure 2.4 Unattended noise monitoring locations within the study area

Table 2.7 Unattended noise monitoring results, dBA

NCA	Rating Background Level[1] (RBL), $L_{A90(Period)}$			Ambient noise descriptors[1] $L_{Aeq(period)}$			Road traffic noise levels $L_{Aeq(period)}$			
	Day	Evening	Night	Day	Evening	Night	$L_{eq(1\ hour)}$ Day	$L_{eq(15\ hour)}$ Day	$L_{eq(1\ hour)}$ Night	$L_{eq(9\ hour)}$ Night
A	51	49	40	61	60	57	62	61	60	57
E	42	39	33	57	55	50	58	56	52	50
F	47	45	36	60	56	59	60	59	55	59
G	47	40	35	64	59	45	-	-	-	-
H[2]	47	45	36	60	56	59	60	59	55	59
I	40	39	35	57	54	50	57	56	51	50
J	43	40	36	59	56	51	59	58	55	51
K	37	37	32	55	50	45	54	54	48	45
L	48	47	38	59	57	51	58	58	54	51
M	53	51	36	63	63	57	64	63	60	57
P	44	45	39	55	54	54	-	-	-	-
Q	50	48	41	59	59	55	60	59	57	55
R	50	48	45	61	52	49	63	60	51	49
S	58	53	43	69	67	62	-	-	-	-

Notes: 1. Day, evening and night periods as defined in the Noise Policy for Industry (EPA, 2017).
2. The noise monitoring equipment at this location failed after four days and is considered insufficient data to establish RBLs in accordance with the NPfI. LAeq and RBL values from 168 South Street (NCA-F) has been used to quantify the noise environment for NCA-H. The noise environment is very similar at both locations as they are both suburban residences at similar distances from South Street and Silverwater Road and the measured RBLs was similar for the first four days.

For all of the noise monitoring locations, the background and ambient noise environment is dominated by the local road traffic network. The noise monitoring was undertaken during a period when there was COVID-19 related restrictions in NSW, and as such, there may have been a reduction in traffic and commercial activity in the study area resulting in lower background, ambient and road traffic noise levels.

Noise monitoring undertaken at 5 Hope Street, Rosehill during the Parramatta Light Rail Stage 1 EIS assessment stage (ref: BG10) has been compared to the noise monitoring results during December 2021 to identify any significant differences in noise levels as listed in Table 2.8. The comparison of noise levels indicates the background noise levels are within 1 dB and the ambient/road traffic noise levels are within 2 dB for each measurement period. The comparison indicates that the measurements taken in 2017 (pre-COVID) and 2021 (during COVID restrictions and NSW Health advice) are generally consistent, with the exception that the 2021 road traffic noise levels are slightly lower.

Table 2.8 Comparison of noise levels – Parramatta Light Rail Stage 1 and Parramatta Light Rail Stage 2

NCA	Rating Background Level (RBL), $L_{A90(Period)}$,			Ambient noise descriptors $L_{Aeq(period)}$			Road traffic noise levels $L_{Aeq(period)}$			
	Day	Eve	Night	Day	Eve	Night	$L_{eq(1 hour)}$ Day	$L_{eq(15 hour)}$	$L_{eq(1 hour)}$ Night	$L_{eq(9 hour)}$
Parramatta Light Rail Stage 1 (BG10) 2017	51	48	41	61	58	57	64	61	62	57
Parramatta Light Rail Stage 2 (NCA-A) 2021	51	49	40	61	60	57	62	61	60	57

2.3.2 Construction noise and vibration assessment overview

The key tasks in the construction noise and vibration assessment are summarised below (a detailed methodology along with key assumptions used is provided in Appendix C-2):

- defined the proposed primary project working construction hours and compared them against the ICNG recommended standard hours including a justification for the extension of standard hours and a supporting case study
- established indicative scenarios associated with construction of the project to be modelled and assessed. For each scenario, the following was taken into account and at this stage are indicative only:
  - construction equipment
  - construction footprint extent
  - works scheduling (hours, timing and duration)
- identified the need for works outside of the primary project working hours
- established NMLs for each sensitive receiver type and at each residential NCA in accordance with the ICNG
- established appropriate vibration management levels for cosmetic damage and human comfort
- developed a 3-dimensional noise model to predict airborne noise levels at sensitive receivers for each of the modelled construction scenarios. The predicted noise levels were then compared against the NMLs (including sleep disturbance) and assessed against the requirements of the ICNG
- qualitatively discussed the effectiveness of at-source and in-transmission mitigation options to reduce potential impacts
- qualitatively assessed the potential residual noise impacts, following the incorporation of mitigation measures
- determined safe working distances for cosmetic damage to buildings (heritage and standard structures) and human comfort due to vibration intensive construction works and identifying buildings that fall within these distances
- provided standard and project specific mitigation measures to reduce the potential of construction noise and vibration impacts due to the construction of the project
- discussed how residual impacts would be addressed by applying additional mitigation measures in accordance with the CNVS
- discussed the potential for cumulative noise impacts and construction fatigue.

2.3.3 Operational noise assessment overview

A summary of the key tasks in the operational assessment is provided as follows while a detailed methodology along with key assumptions used is provided in Appendix C-3 (light rail vehicles) and Appendix C-5 (traction power substations):

- Identified and discussed the primary noise and vibration sources associated with the project during its operation, namely:
  - noise from light rail vehicle movements (airborne noise and ground-borne noise and vibration)
  - noise from traction power substations (airborne noise)
  - noise from the stabling and maintenance facility (airborne noise and ground-borne noise and vibration)
  - noise from PA systems at light rail stops (airborne noise).
- Determined relevant noise trigger levels for the light rail infrastructure based on the relevant guidelines in section 2.1.
- Determined key assumptions used for the noise modelling of the light rail track (rolling stock, noise corrections applied to the track, service frequency etc.) based on assumptions used in the Parramatta Light Rail Stage 1 project (EIS and post-approval design documents). These assumptions are summarised in section 4.1.3 and are discussed in detail in Appendix C-3.
- Developed a 3-dimensional noise model of the study area including the definition design of the project and predicting noise levels at sensitive receivers for the opening year and opening + 10 years (including special events). The predicted noise levels were then compared against the RING noise trigger levels to identify receivers that may qualify for mitigation.
- Determined indicative source noise levels for equipment associated with the traction power substations based on previous studies undertaken for Parramatta Light Rail Stage 1. This is discussed in detailed in Appendix C-5.
- Predicted noise levels from the traction power substations at sensitive receivers and compared them against the NPfI noise trigger levels to identify any locations where noise trigger levels may be exceeded.
- Provided a qualitative assessment of potential noise impacts associated with the proposed modifications at the stabling and maintenance facility and from PA systems at the proposed and potential light rail stops.
- Discussed reasonable and feasible mitigation measures that can be implemented to reduce potential noise impacts during operation to be considered during the design development process.
- Discussed the effectiveness of mitigation measures based, including lessons learnt from previous light rail projects in NSW, where relevant.

2.3.4 Operational ground-borne noise and vibration assessment overview

A detailed methodology for the operational ground-borne noise and vibration assessment is provided in Appendix C-4 along with the key assumptions used in the modelling. A summary of the key tasks in the assessment is provided as follows:

- identified and discussed the primary vibration sources associated with the movement of light rail vehicles
- determined key assumptions used for the modelling of the vibration from the light rail track (rolling stock, corrections applied to the track, service frequency etc.) based on assumptions used in the Parramatta Light Rail Stage 1 project (EIS and post-approval design documents)
- determined relevant ground-borne noise and vibration trigger levels based on the relevant EPA guidelines (see section 2.1)
- predicted ground-borne vibration levels at sensitive receivers using calculations taking into account the minimum distance between the closest track and the receiver building and compared them against the vibration trigger levels

– applied a correction factor to convert the vibration level to a ground-borne noise level based on the predicted vibration levels, I and compared the predicted levels against the trigger levels to identify any potential exceedances at sensitive receivers
– discussed potential ground-borne noise and vibration mitigation options to be considered during the design development process.

2.3.5 Road traffic noise during construction

A detailed methodology for the assessment of potential construction traffic noise impacts is provided in Appendix C-6 along with the key assumptions used in the modelling. A summary of the key tasks in the assessment is provided as follows:

– identified the haulage routes that would be used by construction related vehicles and categorising each road by functional hierarchy (for example arterial, sub-arterial, local road)
– estimated the 'pre-construction traffic volumes (including heavy vehicle composition) on these roads
– estimated traffic volumes (including heavy vehicle per cent composition) on these roads during the construction period (pre-construction volumes plus construction traffic generated by the project)
– identified road sections where more than a 2 dB increase is predicted using the Calculation of Road Traffic Noise (CoRTN) prediction method
– assessed the potential changes in road traffic noise against the requirements of RNP and discussed potential mitigation strategies address noise impacts, if required.

2.3.6 Road traffic noise during operation

A detailed methodology for the assessment of potential construction traffic noise impacts is provided in Appendix C-7 (screening assessment), Appendix C-8 (maximum noise events) and Appendix C-9 (South Street and Boronia Street realignment) along with the key assumptions used in the modelling. A summary of the key tasks in the assessment is provided as follows:

– identified sections of roads where traffic volumes may change as a result of the project and categorised by functional hierarchy (for example arterial, sub-arterial, local road)
– estimated the 'no build scenario' and 'build scenario' traffic volumes (including heavy vehicle composition) on these sections of road
– identified road sections where more than a 2 dB increase is predicted using the Calculation of Road Traffic Noise (CoRTN) prediction method
– identified sections of road where the road alignment may move closer to existing sensitive receivers as a result of the project
– provided a screening assessment based on 'no-build scenario' and 'build scenario' to predict the change in noise levels at the most-affected receivers to the road, which took into account potential impacts associated with vehicles crossing over rail tracks
– provided a sleep disturbance screening assessment with reference to the *Environmental Noise Management Manual* (RTA, 2001), where the road alignment may move closer to residences and where vehicles would cross over rail tracks near residences
– assessed the potential changes in road traffic noise against the requirements of RNP and discussed the potential mitigation strategies to address noise impacts, if required.

3. Construction noise and vibration

3.1 Key descriptors

The metrics used to describe noise and vibration levels for the construction noise and vibration assessment are defined in Table 3.1.

Table 3.1 Key construction noise and vibration metrics

Metric	Description
Noise	
$L_{Aeq(15min)}$	The A-weighted equivalent continuous (energy average) sound pressure level of the construction works under consideration over a 15-minute period which excludes other noise sources such as from industry, road, rail and the community.
L_{AFmax}	The A-weighted maximum noise level only from the construction works under consideration, measured using the fast time weighting on a sound level meter.
NML	The noise level where there may be a community reaction to construction noise. Where the predicted or measured construction noise level is above the NML at a sensitive receiver, the proponent should apply all feasible and reasonable work practices to minimise noise.
RBL	Rating background level (RBL) – the background noise level in the absence of proposed construction activities. This parameter represents the noise level exceeded for 90% of the time for a given assessment period (day, evening and night). The RBL is used to set the $L_{Aeq(15\ minute)}$ NMLs for residential receivers.
Vibration	
PPV	Peak Particle Velocity (PPV) is the greatest instantaneous particle velocity during a given time interval measured in mm/s.
VDV	When assessing intermittent vibration, such as construction activities, the cumulative measurement of the vibration level received a location over the relevant assessment period (day or night) is a Vibration Does Value (VDV).

3.2 Summary of management levels

3.2.1 Construction noise management levels

The *Construction Noise and Vibration Strategy and Addendum* (CNVS) (Transport for NSW, 2019a) outlines the Transport for New South Wales approach to mitigate and manage construction noise and vibration for infrastructure projects and applies to light rail infrastructure works. The CNVS references the *Interim Construction Noise Guideline* (ICNG) (DECC, 2009) for assessing and managing construction noise impacts.

The ICNG contains procedures for determining project specific NMLs for sensitive receivers. The ‘worst-case’ noise levels due to construction works associated with a project are predicted and compared to the NMLs based on a 15-minute assessment period to determine the likely impact at sensitive receivers. The NMLs are not mandatory limits, however where construction noise levels are predicted or measured to be above the NMLs, feasible and reasonable works practices are to be investigated to reduce potential noise impacts.

A detailed description of the derivation of NMLs for sensitive receivers is provided in Appendix E-1. For NCAs with residential land uses, NMLs have been established based on the RBLs measured at each NCA. A summary of residential and non-residential NMLs is provided in Table 3.2 and Table 3.3, respectively.

A comparison of typical noise levels is provided in Figure 3.1 for reference.

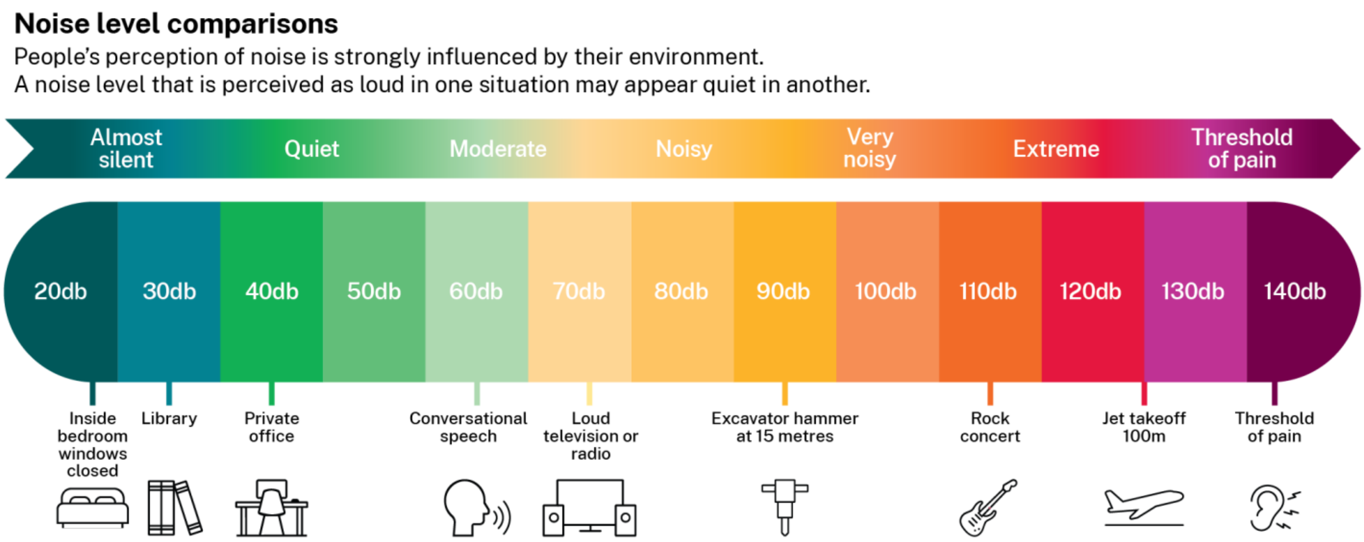

Figure 3.1 Noise level comparisons

Table 3.2 Project specific construction noise management levels – residential, dBA

NCA	Suburb/area	Construction Noise Management Levels, $L_{Aeq(15min)}$					
		ICNG standard construction hours		Outside the ICNG standard construction hours			
		Noise affected (RBL + 10 dB)	Highly noise affected	Day (RBL + 5 dB)	Evening (RBL + 5 dB)	Night (RBL + 5 dB)	Sleep disturbance, L_{Amax}
A	Camellia and Rosehill	61	75	56	54	45	55
E	Rydalmere suburban area 1	52	75	47	44	38	52
F	Rydalmere suburban area 2	57	75	52	50	41	52
G	North of Victoria Road	57	75	52	45	40	52
H	Ermington suburban area 1	57	75	52	50	41	52
I	Ermington suburban area 2	50	75	45	44	40	52
J	Ermington and Melrose Park redevelopment area	53	75	48	45	41	52
K	Melrose Park/West Ryde suburban area	47	75	42	42	37	52
L	Wentworth Point (near ferry)	58	75	53	52	43	53
M	Wentworth Point (east of Hill Road)	63	75	58	56	41	52
P	Newington	54	75	49	50	44	54
Q	Sydney Olympic Park centre	60	75	55	53	46	56
R	Carter Street precinct	60	75	55	53	50	60
S	Parramatta CBD	68	75	63	58	48	58

Note: 1. The NMLs apply at the residential receivers within each NCA.

Table 3.3 Project specific construction noise management levels – non-residential receivers

Land use	Noise management level $L_{Aeq(15min)}$
Classrooms at schools and other educational institutions	External 55 dBA[1]
Hospital wards and operating theatres (not applicable to study area)	External 55 dBA[1]
Places of worship	External 55 dBA[1]
Active recreation	External 65 dBA
Passive recreation	External 60 dBA
Commercial premises	External 70 dBA
Industrial premises	External 75 dBA
Hotels, temporary accommodation	External 70 dBA (day/eve)/50 dBA (night)

Note: 1. External noise levels are set at 10 dB above internal noise levels based on assumed attenuation of an open window.

3.2.2 Ground-borne noise management levels

Ground-borne construction noise is usually present on tunnelling projects when equipment such as tunnel boring machines, road headers, rock-hammers and drilling rigs are operated underground where this is no contribution or minimal contribution from airborne noise during construction. As no tunnelling works are proposed as part of the project, airborne noise impacts are likely to dominate and ground-borne noise impacts are not anticipated at residential or commercial receivers. For critical spaces such as recording, studios, cinemas and operating theatres, an assessment of ground-borne construction noise for surface construction works (such as rock-breaking) may be required.

The ICNG NMLs for construction related ground-borne noise to assess impacts to amenity and sleep during the evening and night periods at residences are presented below:

– evening (6 pm – 10 pm) internal $L_{Aeq\ (15\ min)}$: 40 dBA
– night (10 pm – 7 am) internal $L_{Aeq\ (15\ min)}$: 35 dBA.

These impacts only apply if and when the ground-borne noise levels are higher than the airborne noise levels for the same activity. As no critical spaces have been identified within 200 metres of the project site, it is anticipated that airborne NMLs would be exceeded before ground-borne NMLs at sensitive receivers (for example airborne noise levels would be higher than ground-borne noise levels when assessed internally). As such, during construction, an assessment of ground-borne noise impacts to sensitive receivers is not necessary.

3.2.3 Vibration management levels

The assessment and measurements of cosmetic damage to structures and pipework is based on peak particle velocity (PPV) in mm/s. The vibration screening levels used in this assessment have been based on *BS7385 Evaluation and measurement for vibration in buildings* (British Standards, 1993) for reinforced and unreinforced buildings and *DIN 4150-3 Vibration in Buildings – Part 3* (German Standards, 1999) for structurally unsound heritage items as vibration guide values to assess the minimum risk of vibration induced damage.

The assessment and measurement of human comfort due to intermittent vibration (e.g. construction vibratory intensive works) is based on a Vibration Dose Value (VDV) as presented in *Assessing Vibration: A Technical Guideline* (AVTG) (DEC, 2006). The estimated VDV (eVDV) takes into account the level and duration of vibration events at a receiver location. The relevant vibration screening levels are listed in Table 3.4 and are consistent with the guide values adopted in Transport for NSW's CNVS. Further detail regarding the vibration management levels is provided in Appendix E-2, including VDV values for the assessment and measurement of intermittent vibration (human comfort).

Table 3.4 Vibration levels for human comfort and cosmetic damage

Vibration impact type	Impact	Screening level	Source
Human comfort	Human comfort to building occupants	See eVDV levels in Appendix E-2	CNVS/AVTG
Cosmetic damage to structures	Reinforced structures	PPV 25 mm/s	CNVS/BS7385 (guide values reduced by 50%)
	Unreinforced structures/residential dwellings	PPV 7.5 mm/s	CNVS/BS7385 (guide values reduced by 50%)
	Heritage items that are classed as structurally unsound	PPV 2.5 mm/s	CNVS/DIN4150-3
Damage to buried pipework	Steel	PPV 100 mm/s	CNVS/DIN4150-3
	Clay, concrete and metal	PPV 80 mm/s	CNVS/DIN4150-3
	Masonry, plastic	PPV 50 mm/s	CNVS/DIN4150-3

3.2.4 Construction road traffic noise

The potential impacts from construction traffic associated with the project when travelling on public roads are assessed under the RNP. An initial screening test is first applied to evaluate if existing road traffic noise levels are expected to increase by more than 2 dB due to construction traffic. Where this is considered likely, further assessment is required using the following relevant road traffic noise criteria:

– existing freeway/arterial/sub-arterial roads:
  - $L_{Aeq(15hour)}$ 60 dBA day
  - $L_{Aeq(9hour)}$ 55 dBA night

– existing local roads:
  - $L_{Aeq(1hour)}$ 55 dBA day
  - $L_{Aeq(1hour)}$ 50 dBA night.

Where road traffic noise levels are predicted to increase by more than 2 dBA and the controlling noise criteria (presented above) is also exceeded, feasible and reasonable mitigation and management measures would be considered to minimise impacts.

3.3 Construction work description

3.3.1 Construction program

The construction program presented within this technical paper provides indicative timing only. The final construction program may vary. Subject to planning approval and procurement, it is anticipated that construction would start in 2025 and the project would take about five to six years to complete. The indicative timing of the main work phases is shown on Figure 3.2, and the first passenger services are proposed to start from 2030/2031. The two bridges over the Parramatta River are expected to take about 30 to 36 months to construct. While the main construction activities would take up to about five four years to complete, the project may be delivered in stages, in particular with early works to facilitate the delivery of the project. Staging would be investigated in detailed project planning and confirmed via a Staging Report. Where the works would be staged at discrete locations these work areas would not remain active for the full duration of construction.

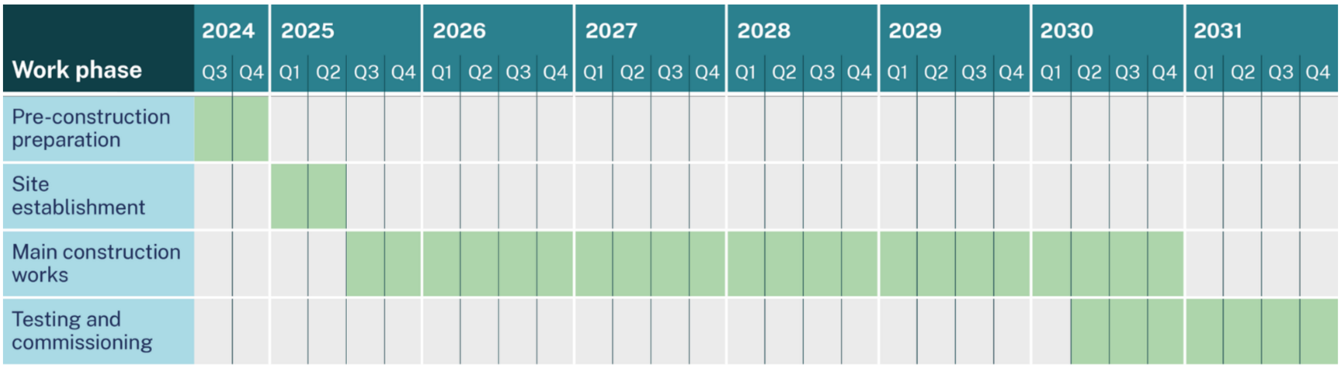

Figure 3.2 Indicative construction program

3.3.2 Construction hours

Construction works have the potential to result in impacts on the local areas where the project is located. To minimise the potential noise and vibration amenity impacts, construction works are generally undertaken during the following ICNG recommended standard working hours:

– Monday to Friday: 7am to 6pm
– Saturday: 8am to 1pm
– no works on Sundays or public holidays.

The recommended standard hours and out-of-hours works (OOHW) are identified in the CNVS and categorised as; recommended standard hours (ICNG/CNVS), OOHW Period 1 Evening, OOHW Period 1 Day and OOHW Period 2 Night.

As the project would be constructed in sections through busy urban areas and along road corridors for most of its length, construction has the potential to disrupt traffic, particularly at key intersections and critical utility services. To minimise disruptions to traffic, access and services, and associated safety issues, it is proposed to undertake works outside the recommended standard construction hours. The following primary project working hours are proposed:

– Monday to Friday: 7am to 7pm
– Saturday: 7am to 7pm
– Sundays: 7am to 7pm.

Works may also be undertaken during the above hours on public holidays to take advantage of lower traffic volumes at key locations on these days.

Where there is the potential for construction noise impacts no work would be undertaken in that area one weekend per month, except in the following circumstances:

– where a substantial majority of potentially affected receivers agree that the work can be undertaken
– where construction works do not exceed the noise management levels specified in the *Interim Construction Noise Guideline* (DECC, 2009) (Table 3) at residential sensitive receivers
– where emergency work is required to avoid the loss of life or damage to property, or to prevent environmental harm.

Affected receivers in a particular area would be notified of the proposed weekend works schedule between one and three months beforehand. The method for this communication would be detailed in the Community Communication Strategy. Where receivers have the potential to be impacted by more than one construction activity, co-ordination would be occur between the contractors to ensure the scheduled weekend off is consistent.

The extended primary project working hours would:

– shorten the duration of construction in any one location and associated amenity (including noise) and access impacts
– provide the flexibility to program works within the road corridor at times when traffic volumes are lower, minimising the potential for disruption and providing safety benefits for workers and the general public
– enable works within Sydney Olympic Park to be planned around special events.

The proposed primary project working hours fall into all four of the CNVS construction periods as shown as in the striped area in Figure 3.3. As such, construction activities have been assessed against all of the CNVS construction periods and NMLs are established for each of the assessment periods. Where night works are required as part of the project, the relevant construction activities have been assessed to identify potential sleep disturbance impacts.

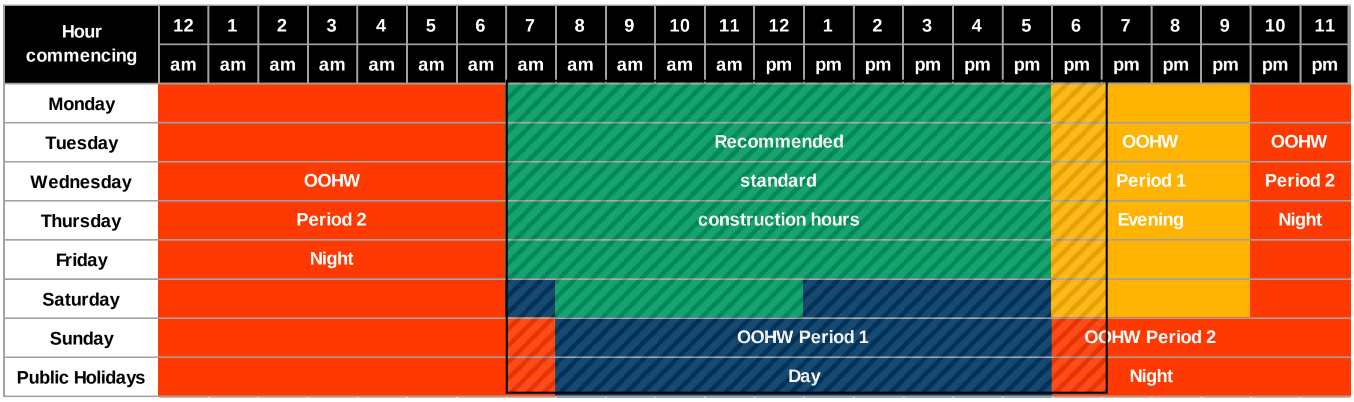

Figure 3.3 ICNG recommended standard hours, CNVS OOHW periods and primary project working hours

3.3.3 Works outside of the ICNG recommended standard hours

3.3.3.1 Justification for OOHW

The ICNG states that '*the five categories of works that might be undertaken outside the recommended standard hours are:*

- the delivery of oversized plant or structures that police or other authorities determine require special arrangements to transport along public roads
- emergency work to avoid the loss of life or damage to property, or to prevent environmental harm
- maintenance and repair of public infrastructure where disruption to essential services and/or considerations of worker safety do not allow work within standard hours
- public infrastructure works that shorten the length of the project and are supported by the affected community
- works where a proponent demonstrates and justifies a need to operate outside the recommended standard hours.

Additionally, the ICNG states that '*only works undertaken on public infrastructure need to be undertaken outside the recommended standard hours. This need is typically based on a requirement to sustain the operational integrity of public infrastructure, as works to restore operation of the infrastructure provide benefit to the greater community (that is more than just local residents).*

Examples of public infrastructure are:

- *transport – railways, roads, ferries, airports*
- *utilities – water, electricity or gas, sewerage or drainage'.*

A strong justification is required for works outside of the recommended standard hours. The justification for these works is summarised in Table 3.5.

Where reasonable and feasible, preference would be given to scheduling construction works within the primary project working hours. Construction activities resulting in impulsive, tonal or higher noise emissions (special audible characteristics) would be limited to the ICNG standard recommended hours, where possible, except as permitted by an environment protection licence which would be obtained once the project is approved.

It is proposed that construction works at the stabling and maintenance facility and the recycling of spoil and ballast at the Grand Avenue construction compound be undertaken 24 hours, seven days a week, if required, as it can be demonstrated that, subsequent to the incorporation of reasonable and feasible mitigation measures, the residual noise levels would be below the NML (as listed in section 3.4.6.2). This would include other works in Camellia, such as light rail track and road works, given there is a minimum separation distance of 800 metres between the works and the nearest residences (residences in Rosehill and Rydalmere).

Table 3.5 Proposed construction hours and justification for OOHW

Construction activity	Justification of works outside of the ICNG standard hours	Construction hours	General comments
All construction works	– Shorten the duration of construction – Minimising the potential for disruption and providing safety benefits for workers and the general public – Enable works within Sydney Olympic Park to be planned around special events	Primary project working hours: – Monday to Sunday: 7am to 7pm – Public holidays: 7am to 7pm, when required.	Preference would be given to scheduling construction works to within the ICNG recommended standard hours, where possible, especially for noise intensive activities (high noise levels and/or special audible characteristics from equipment).
– Nightworks for the civil and trackworks at the Macquarie Street turnback facility (reference to the following construction scenarios: S05.03, S05.04, S09.03 and S09.04) – Nightworks to construct the track slab and rail works across John Street intersection (ref: S05.03 and S05.04) – Nightworks at the bridge over Silverwater Road – Silverwater Road closure to enable setup of crane (ref: S08.03) – Nightworks for minor kerb adjustments on Australia Avenue, Sydney Olympic Park (ref: S09.03) – Nightworks for finishing works near Hill Road and Holker Street intersection (ref: S09.04)	Provide the flexibility to program works within the road corridor at times when traffic volumes are lower, minimising the potential for disruption and providing safety benefits for workers and the general public.	Works outside the primary project working hours would be required, including OOHW Period 2 Night works.	Noise intensive works would be restricted to the ICNG recommended standard hours, where possible. Community consultation would be undertaken at the most-affected receivers, where required. Preference would be given to OOHW Period 1 working hours before OOHW Period 2, where possible.
Utility works	Provide the flexibility to program works for impacts to critical utility services at times when demand is lower, minimising the potential for disruption to the general public.	Works outside the primary project working hours may be required at certain sites, including OOHW Period 1 Day/Evening and OOHW Period 2 Night works.	Noise intensive works would be restricted to the ICNG recommended standard hours, where possible. Preference would be given to OOHW Period 1 working hours before OOHW Period 2, where possible.
Spoil and ballast recycling and modifications to the stabling and maintenance facility at Camellia (Ref: S03.01 and S06.01 to S06.05). Track infrastructure works and road works in Camellia with a minimum separation distance of 800 metres from the nearest receivers in Rosehill and in Rydalmere.	Works where it can be demonstrated that, subsequent to the incorporation of reasonable and feasible mitigation measures, the residual noise levels would be below the NMLs (see section 3.4.6.2).	24 hours a day, seven days per week, if required.	This approach would be consistent with Parramatta Light Rail Stage 1 and is considered appropriate as the nearest residences are over 800 metres away.
Construction compounds	Required to support construction activities within the primary project working hours and delivery of large equipment, and materials to construction sites.	Primary project working hours: – Monday to Sunday: 7am to 7pm – Public holidays: 7am to 7pm, when required.	Hoarding recommended around construction compounds adjacent to residential receivers (Section 3.7.3 – Mitigation Measure NV03).

3.3.3.2 Community consultation for noise and vibration and the primary project working hours

Community and stakeholder consultation has been undertaken to inform project development as described in Chapter 8 (Community and stakeholder engagement) of the EIS. The overarching engagement plan prepared by Transport for NSW provides for engagement across the following project phases:

1. prior to preparation of the EIS
2. during preparation of the EIS
3. during public exhibition of this EIS
4. during design development and delivery.

Community engagement has included some of the sensitive receivers who would have the potential to experience exceedances of the relevant noise management levels during construction (see section 3.4). Key activities to seek feedback on noise and vibration aspects included:

- A social impact and outcomes online survey between November 2021 and January 2022, which asked respondents to rate potential impacts (including noise and vibration) as very significant, significant, neutral, insignificant, very insignificant or do not know. The survey also asked about what time of day respondents were most concerned about (day time, night-time, both or none of the above).
- A Have Your Say survey between May 2022 and July 2022, which asked respondents to indicate their level of concern about different construction impacts (including noise and vibration) and if they were concerned about potential impacts associated with day works, evening works, night works, all of the above, or none of the above, along with feedback on suggested measures.

The key findings from this engagement, and the process of how receiver feedback has been, and would continue to be, incorporated into the mitigation strategy, is discussed in section 3.7.7.

A case study for extended hours associated with trackworks for Parramatta Light Rail Stage 1 is discussed in Section 3.3.3.3. For Stage 1, feedback from community consultation indicated that the majority of stakeholders had no objection to undertaking works outside the ICNG recommended standard working hours if it resulted in a reduction of the overall construction program duration.

Transport for NSW issued surveys to about 7,000 properties located along the project site to understand the community's preference about how to balance the following factors:

- the primary project working hours
- the overall construction program duration
- receiver amenity during the construction period
- project-specific mitigation and management measures to reduce potential impacts.

The following types of questions were asked in the survey to ascertain the above:

- Would you support extended construction hours (7am -7pm) on weekdays, weekends or Sundays and/or public holidays?
- Do you think extended construction hours would impact your day to day lifestyle?
- If extended construction hours were to be implemented, what mitigations would you recommend?

A total of 257 responses were received from community members. The survey results found:

- About half of respondents believed the extended construction hours would not impact their day to day lifestyle.
- 75 per cent of respondents supported the primary project working hours during weekdays.
- 67 per cent of the respondents supported the primary project working hours on Saturdays.
- 53 per cent of respondents supported the primary project working hours on Sundays and/or public holidays.

The level of support for the primary project working hours is shown in Figure 3.4.

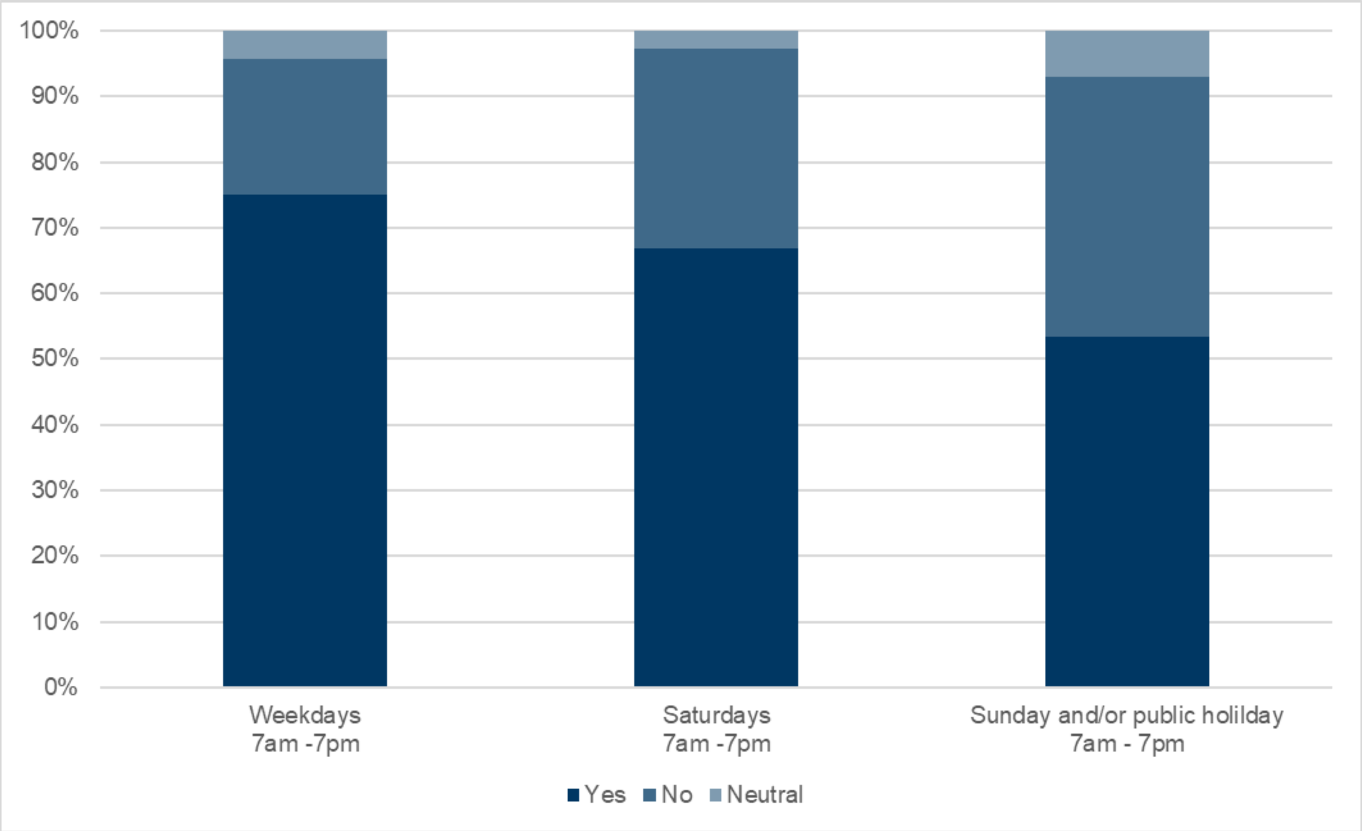

Figure 3.4 Level of support for primary project working hours

Transport for NSW has considered the feedback received regarding the primary project working hours and have included the requirement for no work to be undertaken one weekend per month to provide respite in areas where there is the potential for construction noise impacts.

3.3.3.3 Extended hours case study – Parramatta Light Rail Stage 1 intersection works

A variation was sought to the environment protection license (EPL) 21347 to enable extended Out-of-Hours Works (OOHW) at the intersection of Church Street and George Street, Parramatta in June and July of 2021 for the construction of the track slab and associated services for Parramatta Light Rail Stage 1. Community consultation was undertaken with the affected receivers, including residents and businesses, via a comprehensive door knock campaign, to request feedback on the proposed extension of hours. A total of 126 stakeholders (where the majority of stakeholders were commercial operators) had no objection to the proposed hours (98 per cent of the stakeholders who were consulted) and one stakeholder objected.

For the works at the intersection of Church Street and Phillip Street, Parramatta, similar community consultation was undertaken where feedback was sought from the affected residences and businesses. A total of 62 stakeholders (where the majority of stakeholders were commercial operators) had no objection (94 per cent of respondents) with four stakeholders objecting.

Stakeholders were provided with the additional information regarding the works program, where relevant:

- due to the nature of utility relocation works, safety risks and impacts to traffic, high noise activities are unavoidable at night
- duration of night work schedules, scheduling of noisy works and link to weekly works
- explanation of works being undertaken
- explanation of the plant and equipment being used
- explanation of Parramatta Connect (Parramatta Light Rail Stage 1 construction contractor) Construction Noise and Vibration Management Sub-plan, noise modelling and noise monitoring.

Feedback was requested on the mitigation measures that had been implemented for their suitability and effectiveness. The respondents were satisfied with the information provided and were supportive of the duration reduction to the construction program as a result of the extended hours. Parramatta Connect also collaborated with Bankwest Stadium to minimise impacts, where works during scheduled events were limited to low noise activities between 6pm and 12am, to minimise impacts to adjacent restaurants.

3.3.4 Indicative construction activities

Works required to construct the project have been grouped into nine indicative construction scenarios. The exact details of the construction methodology, plant or equipment for the project, such as the intensity of works, sound power levels or operating duration are not yet known, therefore this assessment is based on a variety of conservative assumptions. This information would be refined during the design development process and construction planning where a Construction Noise and Vibration Impact Statement (CNVIS) would be prepared for each site-specific construction activity to determine mitigation measures to be implemented. The CNVIS would be consistent with the Noise and Vibration Management Plan (NVMP) prepared for the project.

The majority of scenarios contain sub-scenarios for various construction activities within the project site to represent activities that would require different noise-generating construction equipment. Table 3.6 presents the various scenarios, sub-scenarios, indicative duration for each sub-scenario and requirements for OOHW night works. The duration is shown as a percentage of the entire construction period showing many of the activities would occur for less than 10 per cent of the entire construction period.

This assessment assumes the 'worst-case' noise impacts, assuming the works are located at the nearest location between the construction area and each receiver location as illustrated in Figure 3.5. The worst-case scenario also excludes mitigation measures such as at-source noise controls and temporary hoarding around construction compounds.

During the construction period, the actual construction noise impacts would vary greatly depending on the following factors:

– location of the work within the project site and the distance to the nearest receiver
– overall duration of the construction works
– intensity of the noise levels
– time at which the construction works would occur
– character of the noise source
– at-source and in-transmission mitigation measures implemented to reduce impacts.

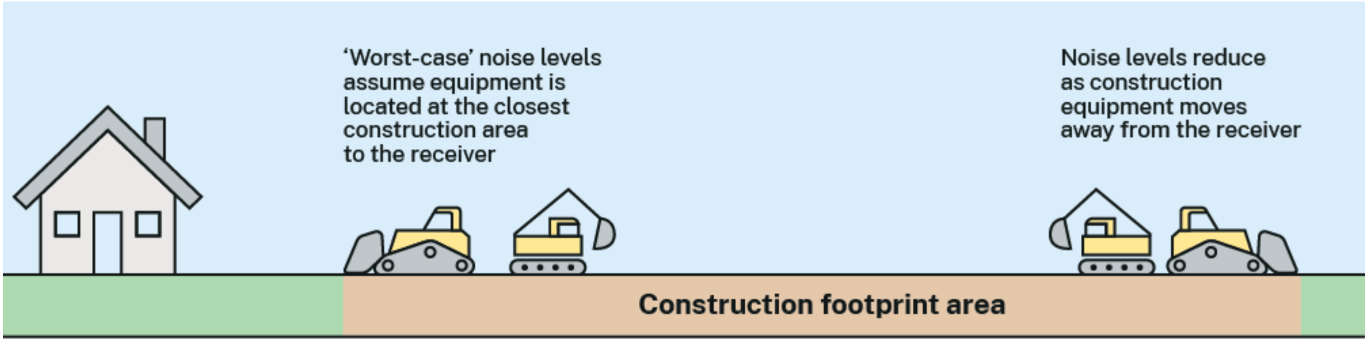

Figure 3.5 Worst-case noise levels for the construction work area

Table 3.6 Indicative construction scenarios, hours and duration

Scenario	Scenario ID	Activity description	Project standard hours	OOHW Day, Evening and Night	Indicative duration (weeks)	Percentage of total construction duration
Demolition and clearing	S01.01	Removal Works	✓	✓	4	2%
	S01.02	Demolition and Clearing	✓	-	10	5%
	S01.03	Removal at the Sandown Line	✓	-	4	2%
Compounds (including clearing)	S02.01	Site establishment	✓	-	4	2%
	S02.02	Services & utilities	✓	-	12	6%
	S02.03	Site deliveries	✓	-	190	100%
Spoil & ballast recycling	S03.01	Screening & crushing	✓	✓	30	16%
Substations	S04.01	Site establishment	✓	-	3	2%
	S04.02	Construction & installation	✓	-	6	3%
Light rail track and public domain works (stabling and maintenance facility to Carter Street)	S05.01	Earthworks	✓	-	8	4%
	S05.02	Earthworks (with breaker/saw)	✓	-	4	2%
	S05.03	Concrete works	✓	✓	8	4%
	S05.04	Trackworks – no tamping	✓	✓	15	8%
	S05.05	Trackworks – with tamping	✓	-	15	8%
	S05.06	Steel erection & wiring	✓	-	5	3%
Modifications to the existing stabling and maintenance facility	S06.01	Earthworks (carpark and track)	✓	✓	17	9%
	S06.02	Concrete works (carpark and track)	✓	✓	62	33%
	S06.03	Trackworks (track only)	✓	✓	42	22%
	S06.05	Steel erection & wiring (track)	✓	-	73	38%
Stops	S07.01	Concrete works	✓	-	3	2%
	S07.02	Finishing works	✓	-	10	5%
Bridges	S08.01	Site establishment	✓	-	23	12%
	S08.02	Pilling - including temporary jetties	✓	-	19	10%
	S08.03	Construction & installation	✓	✓	95	50%
	S08.04	Concrete works	✓	-	34	18%
Roadworks and other pavement works	S09.01	Excavation	✓	-	8	4%
	S09.02	Excavation (with breaker)	✓	-	6	3%
	S09.03	Pavement works	✓	✓	12	6%
	S09.04	Signage and line marking	✓	✓	6	3%

Note: 1. For works occurring outside the primary project working hours, refer to Table 3.5 for their specified locations.

3.3.5 Construction work areas

The following sections provide a description of the indicative construction scenarios, including where these works would be required.

S01 – Demolition, removal and clearing

The project would require the demolition and removal of buildings and structures, including commercial, industrial and residential buildings. Demolition and removal works would also be required at the Silverwater Road pedestrian bridge. Removal works would be required at the former freight rail (Sandown) line in Camellia.

Vegetation clearance, trimming and tree removal/relocation would be required at various locations.

S02 – Construction compounds (including clearing)

Construction compounds are areas that would be located along the project site and at bridge abutments for construction material storage, site access and egress, waterway access, laydown areas, and to facilitate and enable construction works. The construction compound sites for the project are listed in Table 3.7. Vegetation clearance, trimming and tree removal/relocation would be required at various locations during the site establishment of construction compounds.

Construction compounds would generally include the following facilities:

- site offices
- staff and workforce amenities
- stockpiling of material and laydown areas
- plant and equipment storage
- workshops and maintenance facilities
- workforce parking (where sufficient space is available).

Some construction compounds would also include:

- work areas for larger infrastructure such as bridges, including at compounds 2 (Grand Avenue), 3 (John Street), 8 (Wharf Road) and 9 (Future road)
- soil, water and groundwater treatment facilities – dewatering and water treatment plants are proposed at compounds 2 (Grand Avenue), 3 (John Street) and 8 (Wharf Road)
- erosion and sedimentation control devices, such as sedimentation basins and wheel wash facilities.

For most of the time, construction compounds would not generate significant construction noise emissions. For the purpose of this assessment, the worst-case construction activities that may occur at each compound site have been assessed.

Table 3.7 Proposed construction compound sites

No.	Name	Location	Purpose
1	Grand Avenue west	Grand Avenue, Camellia	Support works along the western section of the project site (including along the Sandown Line and Grand Avenue) in Camellia.
2	Grand Avenue east	Grand Avenue, Camellia	Support works for the bridge between Camellia and Rydalmere from the southern side of the Parramatta River.
3	John Street	John Street, Rydalmere	Support works for the bridge from the northern side of the Parramatta River. It would also provide support for works around John Street and South Street including the John Street stop.
4	Broadoaks Park	Broadoaks Park, Primrose Avenue, Ermington	Support works along South Street and bridge works at Silverwater Road.
5	Ken Newman Park west	Ken Newman Park, Hilder Road, Ermington	Support works east of Silverwater Road, including the River Road stop and works within Ken Newman Park.
6	Ken Newman Park east	Ken Newman Park, Heyson Avenue, Ermington	Support works within and around Ken Newman Park, including relocation of the water mains, and works along Boronia Street.
7	Hope Street	Hope Street, Melrose Park	Support works along Boronia Street and Hope Street, and works at the Atkins Road stop.
8	Wharf Road	Future realigned Wharf Road and adjusted car park, Melrose Park	Support works for the bridge between Melrose Park and Wentworth Point from the northern side of the Parramatta River and works for the Waratah Street stop.
9	Wentworth Point north	Future road within Sanctuary Wentworth Point development	Support works for the bridge from the southern side of the Parramatta River, and the Wentworth Point stop.
10	Hill Road north	Hill Road (at Bennelong Parkway), Wentworth Point	Support works along Hill Road including the Hill Road light rail stop.
11	Hill Road south	Hill Road (north of Holker Busway), Sydney Olympic Park	Support works along Hill Road.
12	Holker Busway	Holker Busway, Sydney Olympic Park	Support works along Hill Road and the Holker Busway, including bridge strengthening works and the Holker Busway stop. The compound would include a construction workforce parking area for about 200 vehicles.
13	Australia Avenue	Australia Avenue, Sydney Olympic Park	Support works along Australia Avenue and the Jacaranda Square stop.
14	Dawn Fraser Avenue east	Dawn Fraser Avenue, Sydney Olympic Park	Support works along Dawn Fraser Avenue including the Olympic Boulevard stop.
15	Dawn Fraser Avenue west	Dawn Fraser Avenue, Sydney Olympic Park	Support works at and around the Carter Street stop.

S03 – Spoil and ballast recycling

Screening and crushing plant to recycle spoil and ballast from the former freight rail (Sandown) line in Camellia would be located at the Grand Avenue construction compound site. The site is currently surrounded by industrial land uses with the nearest residences located more than 600 metres away in Ermington (north of the Parramatta River).

S04 – Substations

Five traction power substations would be constructed for the project and located in Camellia, Rydalmere, Melrose Park, Wentworth Point and Sydney Olympic Park.

S05 – Light rail track and public domain works

The track infrastructure works required to construct the project can be categorised as civil engineering works, pavement works, rail installation works (embedded, permeable or ballast) and overhead-wiring poles and street lighting. The exact chainages for each trackform type would be finalised in the design development process and as such, equipment required to construct all trackform types have been assumed for the entire alignment as a worst-case.

This would also include public domain works at various locations along the project alignment to ensure a safe and efficient interface between the light rail and the pedestrian footpaths. Additionally, some clearing works may be required to allow for the track infrastructure.

The track between the Parramatta CBD and the turn-off to the stabling and maintenance facility at Camellia is being constructed as part of Parramatta Light Rail Stage 1.

S06 – Modifications to the stabling and maintenance facility

The stabling and maintenance facility at Camellia would be modified to increase stabling capacity, including:

– construction of six new stabling tracks for the increased light rail vehicle fleet
– construction of two new turnouts to connect the Stage 1 and Stage 2 stabling areas
– construction of a new car park for staff and an access road within the site
– installation of associated drainage, services and overhead wiring for new tracks
– installation of light rail systems and operational infrastructure.

S07 – Light rail stops

Construction works for light rail stops and interchanges would occur concurrently with the track infrastructure works or may be constructed separately depending on the preferred construction methodology. A total of 14 stops proposed along the alignment have been assessed from Sandown Boulevard, Camellia to the Carter Street precinct, Lidcombe along with two potential future stops (as a worst-case).

S08 – Bridges and culverts

A number of new bridges are proposed for the project, one over Parramatta River between Camellia and Rydalmere, one over Silverwater Road between Rydalmere and Ermington, and another over the Parramatta River between Melrose Park and Wentworth Point.

Other bridge works include a new bridge over the drainage gully at the eastern end of Ken Newman Park, duplication of the bridge at Hill Road and strengthening of the Holker Busway bridge in Sydney Olympic Park.

Bridge construction works would typically involve the following activities:

– preparation of the bridge construction work areas, such as demolition of existing structures and earthworks
– installation of the temporary work platforms for those bridges over Parramatta River
– installation of piled foundations
– construction of formwork, steel reinforcement and pouring concrete for pier caps to support the bridge
– mobilisation of the crane and installation of precast beams or culverts
– installation of drainage behind abutments
– concrete pouring for the deck slab and edge barriers
– install handrails, barriers and other safety infrastructure landscaping, scour protection and restoration of disturbed areas.

S09 – Road pavement works and other pavement works (including active transport links)

The general approach to sequencing of works would be to widen the road corridor prior to establishing the track zone. This would enable the long term traffic arrangements to be implemented as early as possible, enabling the light rail corridor to be partitioned permanently.

The road network would be modified in numerous locations (particularly around intersections) to accommodate the track infrastructure and to ensure network management and viability during and following construction.

These works would generally be completed during intersection or road closure periods which may be for a specific extended duration or at night and weekends depending on traffic and access considerations. Works would be carried out in consultation with Transport for NSW, the relevant road authorities, and relevant councils and in accordance with the relevant standards and specifications.

3.3.6 Modelled construction work areas

The exact construction work areas would be refined during the design development process. To assess potential impacts from construction activities, indicative construction work areas have been assumed for each scenario seen in Figure 3.6, Figure 3.7 and Figure 3.8.

Figure 3.6 Indicative construction work areas – S01, S02, S03, S04 and S06 (Camellia to Carter Street)

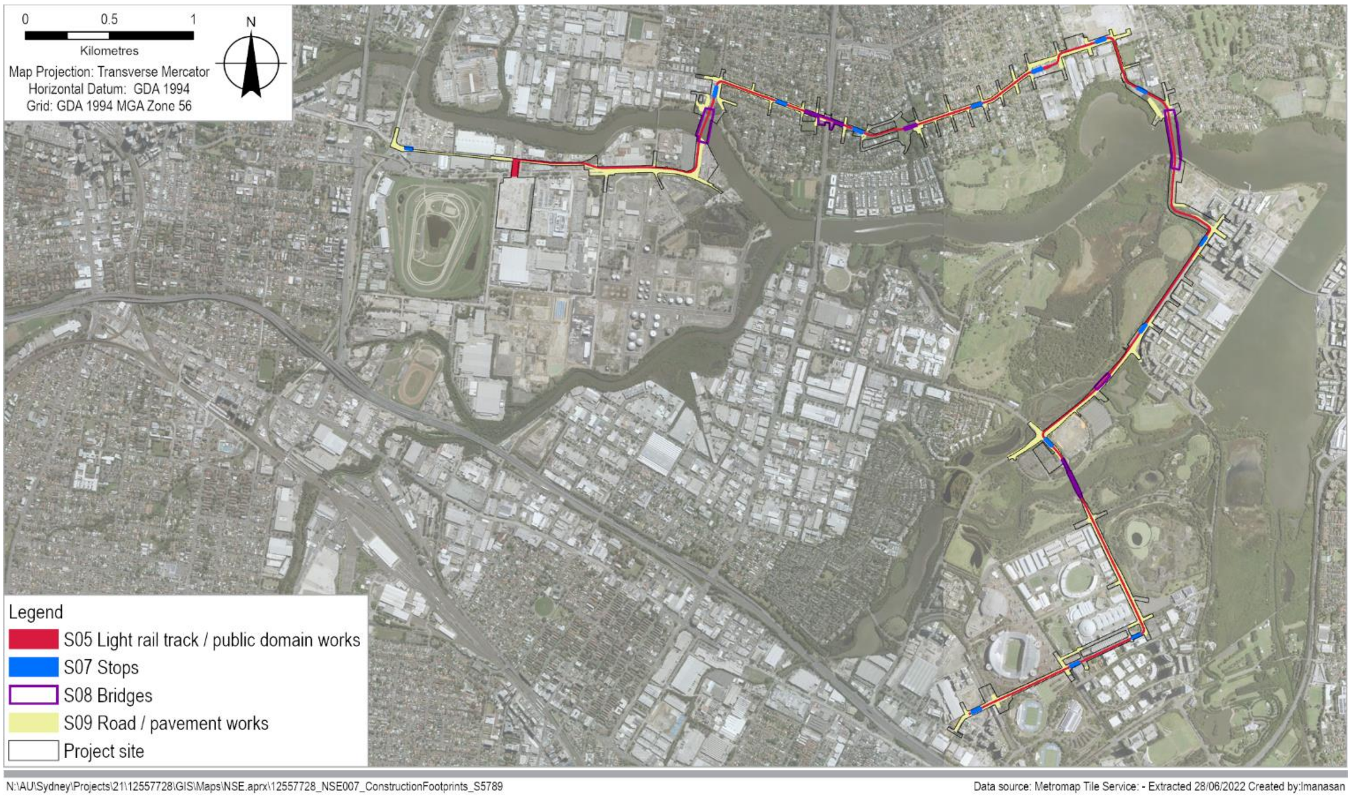

Figure 3.7 Indicative construction work areas - S05, S07, S08 and S09 (Camellia to Carter Street)

Figure 3.8 Indicative construction work areas – S05 and S09 (Parramatta CBD)

3.3.7 Construction equipment

The full list of indicative construction equipment assumed for each sub-scenario is listed in Appendix C-2 along with the key assumptions used as inputs in the noise modelling based on information provided regarding the construction staging at this stage of the project.

Noise levels for equipment has been sourced from the CNVS, *AS 2436 Guide to Noise and Vibration Control on Construction, Demolition and Maintenance Sites* (Australian Standards, 2010) and the GHD internal database where sound power level data was not available. The activity sound power level assumes the two loudest items of equipment for the sub-scenario are operating simultaneously and is representative of the worst-case construction activities occurring.

For each sub-scenario, noise intensive equipment has also been identified and includes equipment that are considered to generate high noise emissions or equipment that contain special audible characteristics such as tonal or annoying qualities. The L_{AFmax} level, equivalent to the $L_{AF1(1\ minute)}$, used to assess potential sleep disturbance assessment is based on the loudest item of equipment for each sub-scenario that has been identified as requiring night work.

The modelled activity $L_{Aeq(15min)}$ sound power levels for each sub-scenario are listed in Table 3.8, along with the activity maximum L_{AFmax} sound power levels for the sleep disturbance assessment and relevant noise intensive equipment. The worst-case sub-scenario for each scenario is shaded in grey as the predicted noise levels at receivers are assessed in section 3.4.3.

Table 3.8 Modelled activity sound power levels, dBA

Scenario	Scenario ID	Activity description	Activity SWL, $L_{Aeq(15\ min)}$ dBA	Activity maximum SWL, L_{Amax} dBA	Noise intensive equipment (High SWL and/or special audible characteristics)
Demolition, removal and clearing	S01.01	Removal Works	110	112 (Compressor)	– None
	S01.02	Demolition and Clearing	123	129 (Rockbreaker)	– Rockbreaker – Chainsaw – Mulcher
	S01.03	Removal Works at the Sandown Line	121	129 (Rail Saw)	– Rail saw
Compounds (including clearing)	S02.01	Site Establishment (including clearing)	117	122 (Chainsaw)	– Mobile crane – Vibratory roller – Chainsaw – Mulcher
	S02.02	Services & Utilities	120	126 (Concrete saw)	– Concrete saw – Excavator
	S02.03	Site Deliveries	115	116 (Mobile crane 50t)	– Mobile crane
Spoil & ballast recycling	S03.01	Screening & crushing	117	123 (Excavator 40t)	– Excavator
Substations	S04.01	Site Establishment	113	116 (Mobile crane 50t)	– Mobile crane
	S04.02	Construction & Installation	114	116 (Mobile crane 50t	– Mobile crane
Light rail trackworks and public domain works (Stabling and maintenance facility to Carter St)	S05.01	Earthworks	116	123 (Excavator 40t)	– Excavator
	S05.02	Earthworks (with breaker or saw)	123	129 (Rockbreaker)	– Concrete saw – Rockbreaker
	S05.03	Concrete Works	114	116 (Mobile crane 50t)	– Mobile crane

Scenario	Scenario ID	Activity description	Activity SWL, $L_{Aeq(15\ min)}$ dBA	Activity maximum SWL, L_{Amax} dBA	Noise intensive equipment (High SWL and/or special audible characteristics)
	S05.04	Trackworks	122	129 (Rail saw)	– Rail saw – Track laying machine – Mobile crane
	S05.05	Trackworks – Tamping	121	126 (Ballast regulator)	– Ballast regulator – Ballast tamper
	S05.06	Steel Erection & Wiring	114	116 (Mobile crane 50t)	– Mobile crane
Modifications to stabling and maintenance facility	S06.01	Earthworks (car park and track)	118	123 (Excavator 40t)	– Excavator – Vibratory roller
	S06.02	Concrete Works (car park and track)	114	116 (Mobile crane 50t)	– Mobile crane
	S06.03	Trackworks (track only)	123	129 (Rail saw)	– Rail saw – Ballast regulator – Ballast tamper – Track laying machine – Excavator – Mobile crane
	S06.04	Steel Erection & Wiring (car park and track)	114	116 (Mobile crane 50t)	– Mobile crane
Stops	S07.01	Concrete Works	114	116 (Mobile crane 50t)	– Mobile crane
	S07.02	Finishing Works	115	123 (Excavator 40t)	– Excavator
Bridges	S08.01	Site Establishment	114	116 (Mobile crane 50t)	– Mobile crane
	S08.02	Pilling – including temporary work platforms	127	136 (Piling rig (impact))	– Impact piling rig – Mobile crane
	S08.03	Construction & Installation	113	116 (Mobile crane 50t)	– Mobile crane
	S08.04	Concrete Works	114	116 (Mobile crane 50t)	– Mobile crane
Roadworks and other pavement works	S09.01	Excavation	115	123 (Excavator 40t)	– Excavator
	S09.02	Excavation (with Breaker)	124	129 (Rockbreaker)	– Rockbreaker
	S09.03	Pavement Works	118	125 (Asphalt milling machine)	– Asphalt milling machine
	S09.04	Signage and Line Marking	109	116 (line Marking Plant)	– None

3.4 Airborne noise impacts

3.4.1 Presentation of modelling results

Three chart types have been used to display the predicted noise levels and impacts for each scenario, described below.

– **Noise levels** – a 'violin' plot showing the range of predicted noise levels against the NMLs (based on the worst-case construction activity for the scenario)
– **Noise impacts** – a bar chart showing the number of receivers predicted to receive noise levels above the NML for each assessment period (based on the worst-case construction activity for the scenario)
– **Sub-scenario impacts** – a pie chart showing the proportion of receivers in each NML exceedance category for each sub-scenario within a scenario.

The following sections provides a summary of how to interpret these charts. Charts for all sub-scenarios are presented in Appendix F-2 and the key outcomes of the assessment are discussed in the sections below.

Additionally, the number of impacted residences per NCA for each assessment period are shown for the worst-case construction activity in a table. Detailed results at each sensitive receiver location are presented in Appendix F-3 for each sub-scenario.

3.4.1.1 Violin plots to display the predicted noise levels

A 'violin' plot has been used to show the predicted noise levels at sensitive receivers for the worst-case activity with a scenario. These plots convey the following information:

– the range of predicted noise levels as the extent across the vertical axis
– the distribution of noise levels for each NCA or non-residential receiver type, with the frequency shown in the extent across the horizontal axis
– the average predicted noise level as a single point within the violin
– the number of receivers in each receiver category are shown above the horizontal axis label
– the applicable NMLs, including out of hours periods and highly noise affected levels for residential receivers. These are shown as a horizontal bar to help demonstrate the number and extent of impacts using the colour scale listed in Table 3.9.

Table 3.9 Noise management levels – colour scale

Sensitive receiver type	Noise management level	Colour used in plots
Residential	ICNG standard hours	
	OOHW Period 1 Day	
	OOHW Period 1 Evening	
	OOHW Period 2 Night	
	Highly noise affected	
Non-residential land uses		

3.4.1.2 Bar chart to show relative noise impacts

A stacked bar chart has been used to show the number of exceedances above the NML (described in this section as impacts) for the worst-case activity (without mitigation) within a scenario. The stacked bar chart shows the following information:

– the total number of receivers exceeding the relevant NML within each NCA, shown as 'No exceedance', '<10 dB exceedance', '10-20 dB exceedance' and '>20 dB exceedance' categories
– for residential receivers, the number of impacted receivers is shown for the ICNG recommended standard hours
– for non-residential receivers, the total number of NML exceedances are shown per receiver type (when they are in use).

The assessment of predicted airborne noise impacts around the project site is based on the exceedance of the NMLs at sensitive receivers. Exceedances of the NMLs have been categorised as either ‘No exceedance’, ‘<10 dB’, ’10 – 20 dB or ‘>20 dB'. These exceedance categories are listed in Table 3.10.

Table 3.10 NML exceedance categories

Exceedance of NML	Colour used in plots
No exceedance	
< 10 dB	
10 – 20 dB	
> 20 dB	

3.4.1.3 Pie charts to show noise impacts per sub-scenario

Pie charts have been used to show the relative difference in noise impacts at sensitive receivers for each sub-scenario. These plots convey the following information:

– the proportion of total residential receivers (most-sensitive to noise) predicted to exceed the NML compared to the total number of receivers in the study area
– for the impacted receivers, the proportion of ‘<10 dB’, ’10-20 dB’ and ‘>20 dB’ NML exceedances predicted compared to receivers that are predicted to experience noise levels below the NML
– the differences of NML exceedances predicted for each CNVS assessment period
– the differences of NML exceedances predicted for sub-scenario within a construction scenario

3.4.2 Summary of airborne noise impacts

A summary of the total number of impacts predicted (collectively for all receiver types and NCAs) is presented in Table 3.11 for the following assessment periods:

– ICNG recommended standard hours
– OOHW Period 1 Day
– OOHW Period 1 Evening
– OOHW Period 2 Night
– when in use for non-residential receivers.

Impacts to the key non-residential receivers during the worst-case construction scenarios are listed in the following tables (based on the impact categories listed in Table 3.11):

– Table 3.12 – List of impacted educational institutes and childcare centres
– Table 3.13 – List of impacted recreational/open areas (open areas that would be used as construction compounds are listed in the ‘CC’ column)
– Table 3.14 – List of impacted commercial buildings
– Table 3.15 – List of impacted hotels
– Table 3.16 – List of impacted places of worship.

Note that many mixed-use developments in Wentworth Point have residential land uses on the ground floor. A conservative approach has been adopted assuming the ground floor of all mixed-use developments have residences on the ground floor (i.e. the more sensitive residential NML has been applied to all mixed-use developments).

The results indicate that without mitigation, works associated with the construction of the track (S05), the road interface (S09) and the works at the bridges (S08) would result in NML exceedances greater than 20 dB during all relevant assessment periods. Demolition works, noise-intensive works at compounds, the construction of traction power substations and stops would also result noise impacts during all relevant assessment periods, however these activities are relatively short-term compared to the trackworks, roadworks and bridge works.

The works associated with the recycling of spoil and ballast and the modification works at stabling and maintenance facility are predicted to result in NML exceedances less than 10 dB during the OOHW night period and can be considered low risk construction activities with regards to noise impacts due to the large separation distance between these areas and the nearest residential receivers.

The predicted noise levels assume no noise mitigation has been applied and informs appropriate mitigation measures to be implemented for the project. Indicative residual noise levels (subsequent to the incorporation of mitigation) are discussed in section 3.4.6.1, for works within the primary project working hours, section 3.4.6.2 for works outside the primary project working hours and section 3.4.6.3 for potential sleep disturbance impacts.

For the sub-scenarios identified as requiring works outside of the primary project working hours (see Table 3.6), the impacts at sensitive receivers with no mitigation applied can be interpreted from the results listed in Table 3.11.

Noise contour plots for the worst-case activities for each construction scenario are shown in Appendix F-1 (assuming no mitigation).

Table 3.11 Summary of the total number of exceedances above the NML for each sub-scenario and assessment period – without mitigation

Scenario	Scenario ID	Residential																	Non residential			
		Standard hours				Highly noise affected	OOHW Day				OOHW Evening				OOHW Night							
		No exceed.	< 10 dB	10 - 20 dB	>20 dB		No exceed.	< 10 dB	10 - 20 dB	>20 dB	No exceed.	< 10 dB	10 - 20 dB	>20 dB	No exceed.	< 10 dB	10 - 20 dB	>20 dB	No exceed.	< 10 dB	10 - 20 dB	>20 dB
Demolition, removal and clearing	S01.01	4122	290	119	34	**16**	3836	471	187	71	3734	523	220	88	2981	1008	377	199	822	9	1	1
	S01.02	2833	1072	425	235	**164**	2350	1103	717	395	2142	1150	802	471	1566	923	1231	845	780	29	19	5
	S01.03	4565	-	-	-	**-**	4563	2	-	-	4549	16	-	-	4378	187	-	-	827	1	5	-
Construction compounds (including clearing)	S02.01	3785	523	197	60	**52**	3163	954	313	135	2951	1103	352	159	2186	1253	768	358	801	19	6	7
	S02.02	3424	785	261	95	**81**	2675	1294	400	196	2524	1317	483	241	1784	1281	1016	484	790	29	3	11
	S02.03	3969	400	155	41	**41**	3424	785	261	95	3249	899	293	124	2411	1288	583	283	807	14	7	5
Spoil & ballast	S03.01	4565	-	-	-	**-**	4565	-	-	-	4564	1	-	-	4492	73	-	-	832	1	-	-
Substations	S04.01	4464	78	23	-	**-**	4328	193	42	2	4255	252	52	6	3884	551	99	31	827	5	-	1
	S04.02	4446	94	25	-	**-**	4293	226	44	2	4219	277	60	9	3779	633	120	33	827	5	-	1
Light rail track and public domain works (stabling and maintencace facility to Carter St)	S05.01	3120	791	422	232	**218**	2492	1114	565	394	2313	1190	619	443	1748	1037	968	812	726	58	34	15
	S05.02	2243	1196	649	477	**394**	1804	1058	958	745	1649	1068	995	853	904	1081	1175	1405	664	83	51	35
	S05.03	3339	710	311	205	**202**	2745	1013	494	313	2582	1062	544	377	1905	1138	851	671	742	50	29	12
	S05.04	2364	1162	606	433	**336**	1871	1115	883	696	1734	1123	929	779	1040	1031	1208	1286	675	78	47	33
	S05.05	2492	1114	565	394	**308**	1946	1174	791	654	1820	1156	871	718	1166	1001	1207	1191	681	82	42	28
	S05.06	3339	710	311	205	**202**	2745	1013	494	313	2582	1062	544	377	1905	1138	851	671	742	50	29	12
Modifications to existing stabling and maintenance facility	S06.01	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4561	4	-	-	832	1	-	-
	S06.02	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4565	-	-	-	832	1	-	-
	S06.03	4565	-	-	-	**-**	4565	-	-	-	4564	1	-	-	4425	140	-	-	831	1	1	-
	S06.04	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4565	-	-	-	832	1	-	-
Stops	S07.01	4052	365	113	35	**31**	3582	718	189	76	3461	785	223	96	2730	1172	450	213	815	11	6	1
	S07.02	3979	414	130	42	**38**	3478	789	212	86	3344	860	253	108	2584	1241	501	239	814	12	6	1
Bridges	S08.01	4209	250	83	23	**20**	3963	406	146	50	3868	462	174	61	3262	767	365	171	823	5	4	1
	S08.02	3210	868	338	149	**125**	2494	1235	560	276	2163	1436	635	331	1105	1847	891	722	792	29	6	6
	S08.03	4247	224	74	20	**17**	4021	378	122	44	3944	415	152	54	3335	743	333	154	823	6	4	-
	S08.04	4209	250	83	23	**20**	3963	406	146	50	3868	462	174	61	3262	767	365	171	823	5	4	1
Roadworks and other pavement works	S09.01	3116	803	331	315	**274**	2584	1025	490	466	2437	1054	571	503	1712	1143	915	795	702	64	42	25
	S09.02	2110	1111	742	602	**538**	1655	1049	981	880	1420	1130	1031	984	534	1261	1180	1590	603	106	61	63
	S09.03	2797	950	429	389	**334**	2213	1099	691	562	2040	1179	709	637	1368	1133	1054	1010	669	78	55	31
	S09.04	3604	454	206	220	**209**	3221	742	305	297	3090	799	356	320	2383	1109	554	519	742	57	17	17

Table 3.12 NML exceedances at educational receivers

Receiver name	S01.02	S02.02	S04.02	S05.02	S07.02	S08.02	S09.02
Rosehill Community Preschool							
Rydalmere Public School							
Future Starts Early Learning Centre							
Ermington Rainbow College							
Tiny Scholars Childcare							
Little Explorers Learning Centre							
Rydalmere East Public School							
Melrose Park Public School							
Melrose Family Day Care							
Wentworth Point Public School							
University of New England							
Parramatta Public School							
Arthur Phillip Public School							

Table 3.13 NML exceedances at recreation and biodiversity conservation areas

Receiver name	S01.02	S02.02	S04.02	S05.02	S07.02	S08.02	S09.02
Rosehill Gardens Racecourse							
Rydalmere Public School Playground							
Rydalmere East Public School playground							
Melrose Park PS playground							
URBNSURF Surf Park							
Sydney Olympic Park Archery Centre							
NSW Rugby League Centre of Excellence							
Cathy Freeman Park							
Sydney Showground							
Eric Primrose Reserve							
Eric Primrose Reserve (compound)							
Broadoaks Park (compound)							
Bretby Park							
Ken Newman Park (compound)							
Hughes Avenue Reserve							
Ermington Bay Nature Trail							
Archer Park (compound)							
Melrose Park Playground							
Birdlife Australia Discovery Centre							
Woo-la-ra							
River Walk							
Sanctuary Hill							
Kronos Hill							
Wentworth Common							

Table 3.14 NML exceedances at commercial receivers

Receiver name	S01.02	S02.02	S04.02	S05.02	S07.02	S08.02	S09.02
Cafe 4TY7 Ermington							
Sydney Olympic Park Athletic Centre							
NSW Rugby League Centre, Sydney Olympic Park							
Commercial receivers fronting Dawn Fraser Avenue							
Commercial receivers fronting Australia Avenue							
Stadium Australia							
Exhibition Hall, Sydney Olympic Park							
Commercial receivers fronting Macquarie Street turnback, Parramatta							

Table 3.15 NML exceedances at hotel receivers

Receiver name	S01.02	S02.02	S04.02	S05.02	S07.02	S08.02	S09.02
Novotel Sydney Olympic Park							
Ibis Hotel at Sydney Olympic Park							
Pullman at Sydney Olympic Park							
Quest at Sydney Olympic Park							
Ibis Budget Sydney Olympic Park							
SKYE Suites Parramatta							

Table 3.16 NML exceedances at place of worship receivers

Receiver name	S01.02	S02.02	S04.02	S05.02	S07.02	S08.02	S09.02
Saeum Presbyterian Church, Rydalmere							
Immanuel Australia Church, Rydalmere							
Harvest Christian Centre, Rydalmere							
Brethren Church, Ermington							
St Johns Church, Parramatta							
Leigh Memorial Church, Parramatta							
Parramatta Mosque, Parramatta							

3.4.3 Airborne noise impacts – all assessment periods

Detailed results are presented in Appendix F-2, including violin plots, bar charts and pie charts for each sub-scenario. The following sections summarise the key outcomes of the noise modelling results for each modelled construction scenario.

3.4.3.1 S01: Demolition, removal and clearing works

Demolition and removal of buildings and structures, including commercial, industrial and residential buildings would be required at various locations along with vegetation clearance, trimming and tree removal/relocation. Demolition and removal works would also be required at the Silverwater Road pedestrian bridge and removal works at the former freight rail (Sandown) line in Camellia.

Worst-case impacts per residential NCA (S01.02 – use of a rockbreaker)

Demolition works with the use of a rockbreaker (S01.02) are predicted to result in the greatest number of impacts at residential receivers. Where demolition works are within close proximity to residences (for example in Rydalmere, Ermington and Melrose Park), construction works are anticipated to result in highly noise affected residences, however this is expected to be a short-term impact.

Figure 3.9 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs. Table 3.17 shows the number of residences predicted to receive noise levels above the relevant NML and Figure 3.10 shows the number residences per exceedance category during the ICNG standard hours.

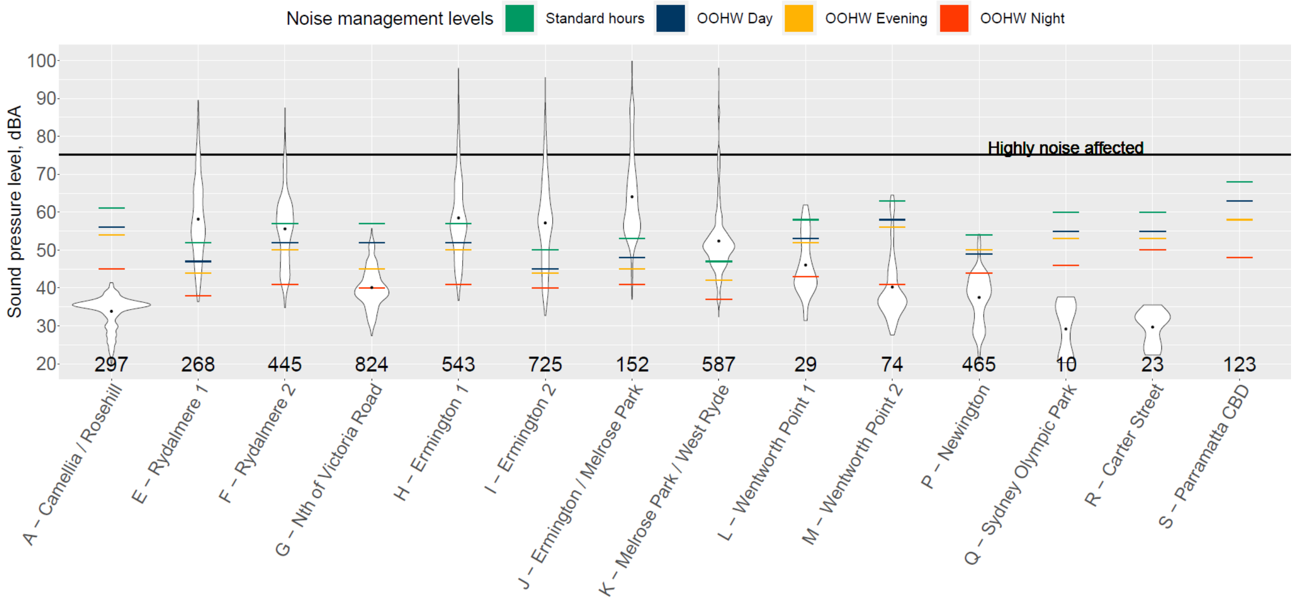

Figure 3.9 S01.02 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.17 S01.02 – Number of NML exceedances at residences per NCA

NML	Number of residences predicted to experience noise levels above the NML per NCA												
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Standard	0	185	190	0	261	520	132	440	3	1	0	0	0	0
OOHW Day	0	224	285	10	385	592	146	541	7	6	19	0	0	0
OOHW Eve	0	237	310	131	421	608	148	541	8	6	13	0	0	0
OOHW Night	0	263	418	333	527	652	151	573	14	23	45	0	0	0
Highly Noise Affected	0	18	12	0	42	52	24	16	0	0	0	0	0	0

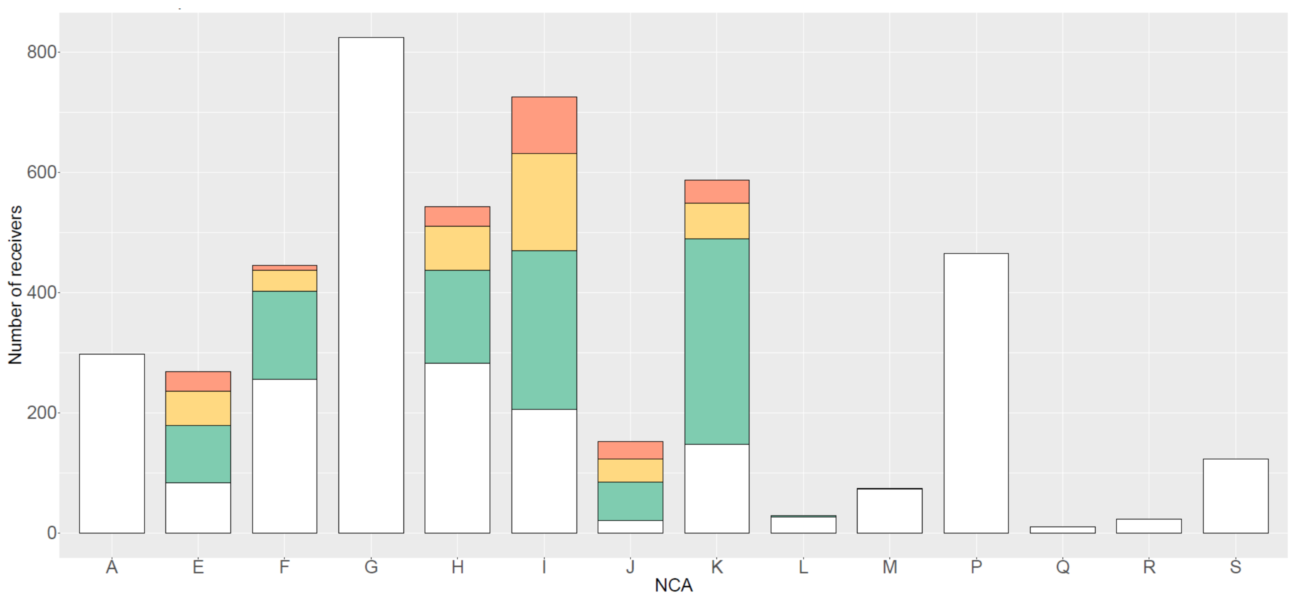

Figure 3.10 S01.02 – Number of residences per exceedance category during standard hours

The results indicate that the average noise level at receivers is above the ICNG recommended standard hours NML in the following areas:

– Rydalmere (NCA-E)
– Ermington (NCA-H and NCA-I)
– Melrose Park and West Ryde (NCA-J and NCA-K).

NML exceedances of less than 10 dB are predicted at Camellia-Rosehill (NCA-A), north of Victoria Road (NCA-G), Wentworth Point (NCA-L and NCA-M), Newington (NCA-P), Sydney Olympic Park (NCA-Q) and at Carter Street (NCA-R) during the ICNG recommended standard hours as there is sufficient separation distance between demolition and clearing works and these areas. No demolition works are expected at Parramatta CBD (NCA-S).

Worst-case impacts at non-residential receivers (S01.02 – use of a rockbreaker)

Figure 3.11 shows the range of predicted noise levels for each non-residential receiver type along with relevant assessment NMLs shown in blue. The number of receivers predicted to exceed the NML are also shown in blue. The modelling results indicate that the average received noise level for non-residential receivers is below the NML for all non-residential receiver types. The NML exceedances at key non-residential receivers are listed in section 3.4.2.

Figure 3.11 S01.02 – Predicted noise level range at non-residential receivers compared to the NML

Impacts and duration of each sub-scenario at residences

The proportion of residences exceeding the NML out of the total number of residences is shown in Figure 3.12 for each of the sub-scenarios, along with the indicative duration of each sub-scenario. The number of receivers exceeding the NML for each sub-scenario and assessment period is listed in Table 3.11 (summary table). The results indicate:

– S01.02 (use of the rockbreaker) is anticipated to result in the greatest number of NML exceedances. When the rockbreaker is not in use (S01.01), a significant reduction in the number of exceedances is predicted.
– The number and extent of NML exceedances during OOHW day and OOHW evening are similar.
– Should demolition works occur during the OOHW night period, a significant number of NML exceedances are predicted. As such, any high-intensive equipment would be scheduled during the ICNG standard hours, where possible.
– S01.03 (removal of the former freight rail (Sandown) line) is predicted to result in NML exceedances of <10 dB at residences during the OOHW assessment periods.

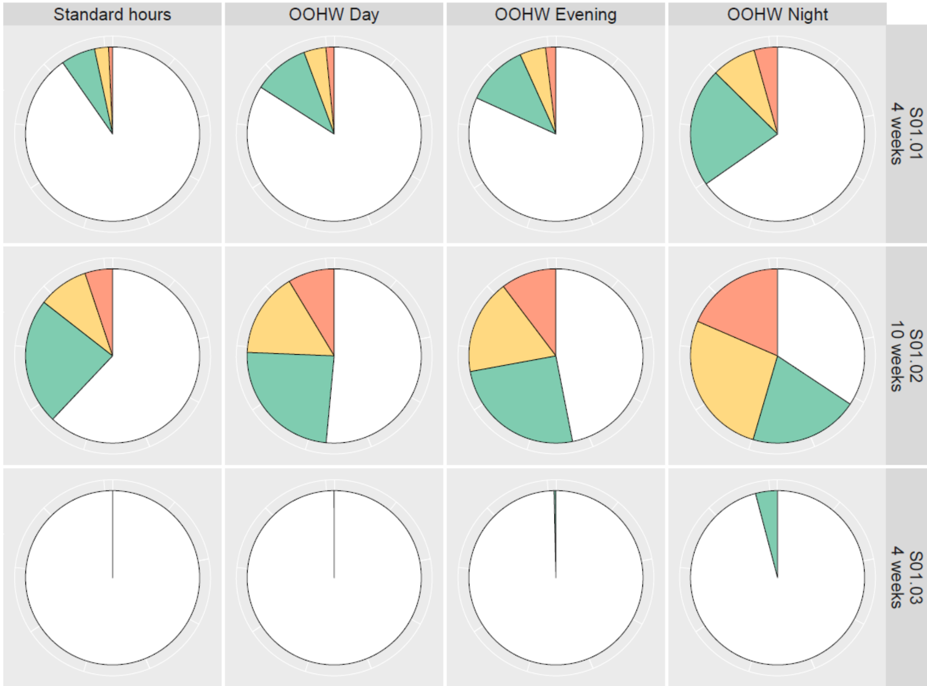

Figure 3.12 S01 – Proportion of NML exceedances at residences for each sub-scenario

3.4.3.2 S02: Construction compounds (including clearing)

Construction compounds are areas that would be located along the project site and at bridge abutments for construction material storage, site access and egress, waterway access, laydown areas, and to facilitate and enable construction works. For most of the time, noise emissions from construction compound sites would be minimal, especially during the night period. This assessment is based on the worst-case construction activities that may occur at compounds.

Worst-case impacts per residential NCA (S02.02 – use of a concrete saw)

Service and utilities construction activities within the compound sites including the use of a concrete saw (S02.02) are predicted to result in the greatest number of impacts at residential receivers. Where construction compounds are within close proximity to residences (for example Rydalmere, Ermington and Melrose Park and Carter Street precinct), construction works are anticipated to result in highly noise affected residences, however this is expected to be relatively short-term as the use of the concrete saw would likely be only be used for a few days.

Figure 3.13 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs.

Table 3.18 shows the number of residences predicted to receive noise levels above the relevant NML and Figure 3.14 shows the number residences per impact category during the ICNG standard hours.

The results indicate that the average received noise level is above the standard hours NML in the following areas:

– Melrose Park and West Ryde (NCA-J and NCA-K)
– Carter Street Precinct (NCA-R).

NML exceedances of <10 dB are predicted at Camellia-Rosehill (NCA-A), north of Victoria Road (NCA-G), Newington (NCA-P) and at Sydney Olympic Park (NCA-Q) during the recommended standard hours. No compound works are expected at Parramatta CBD (NCA-S).

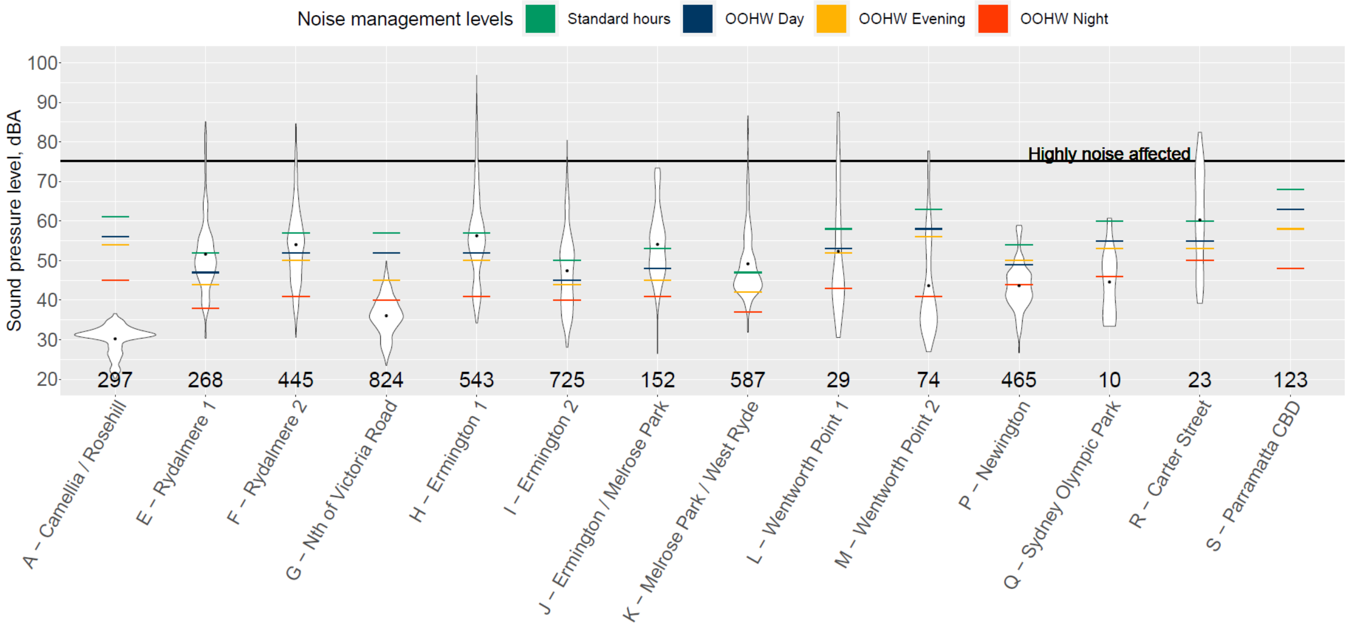

Figure 3.13 S02.02 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.18 S02.02 – Number of NML exceedances at residences per NCA

NML	Number of residences predicted to experience noise levels above the NML per NCA													
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Standard	0	102	147	0	223	276	75	259	9	6	31	1	12	0
OOHW Day	0	180	252	0	354	404	110	483	12	10	68	1	16	0
OOHW Eve	0	217	276	25	390	424	131	483	12	14	52	1	16	0
OOHW Night	0	253	403	143	487	516	144	573	19	30	192	5	16	0
Highly Noise Affected	0	10	16	0	37	2	0	9	3	2	0	0	2	0

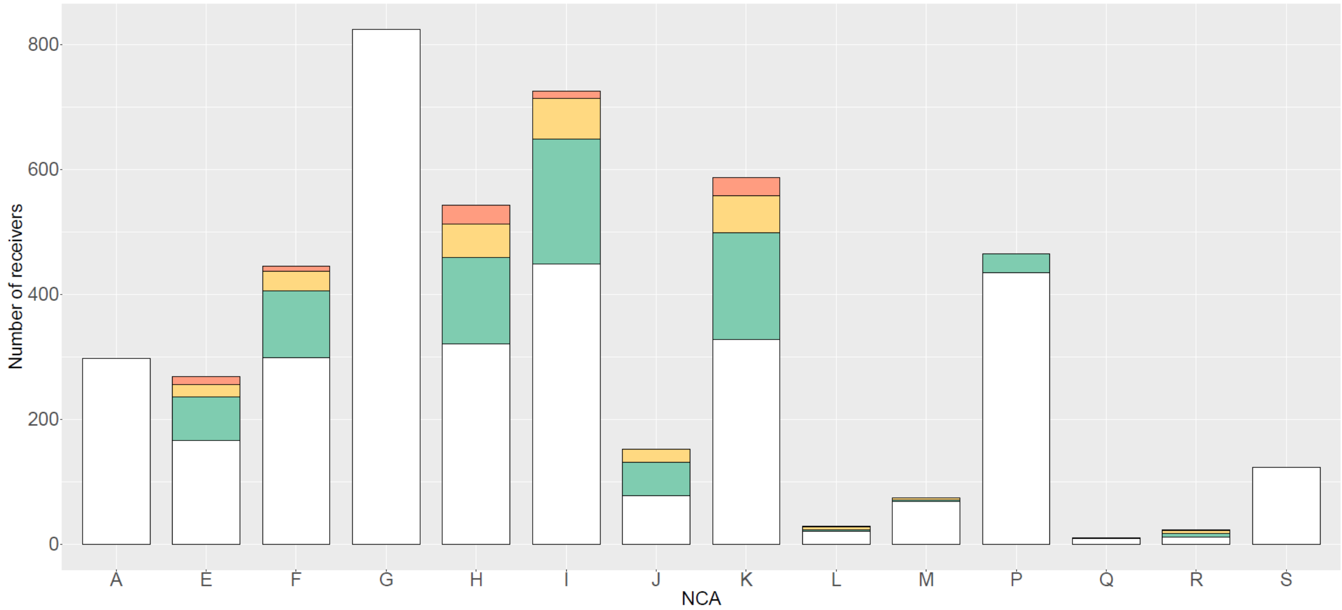

Figure 3.14 S02.02 – Number of residences per exceedance category during standard hours

Worst-case impacts at non-residential receivers

Figure 3.15 shows the range of predicted noise levels for each non-residential receiver type along with relevant assessment NMLs shown as a blue line. The number of receivers predicted to exceed the NML are numbered in blue. The modelling results indicate that the average experienced noise level for non-residential receivers is below the NML for all receiver types. The NML exceedances at key non-residential receivers are listed in section 3.4.2.

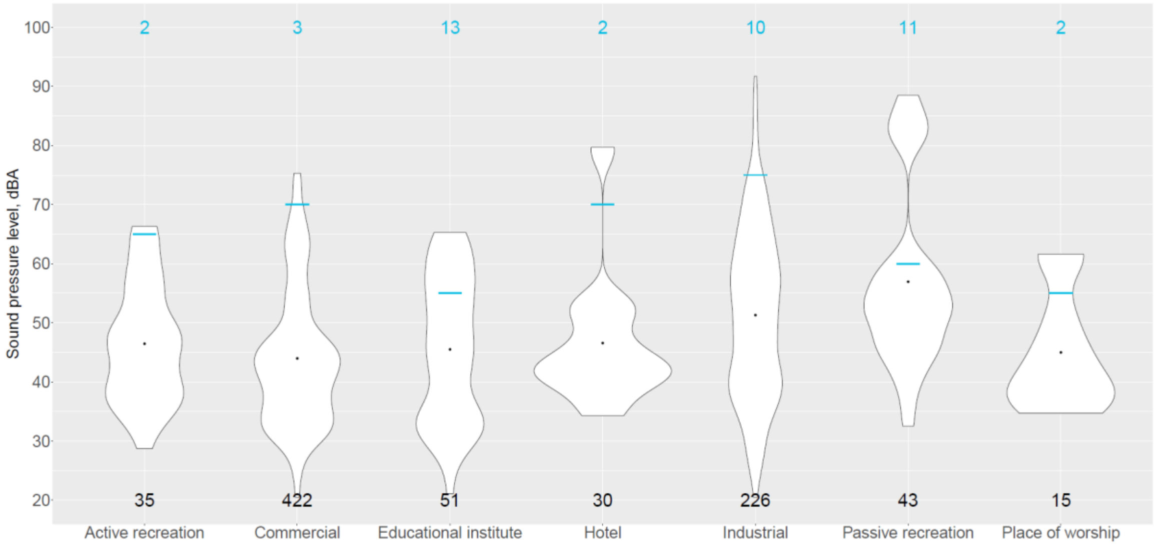

Figure 3.15 S02.02 – Predicted noise level range at non-residential receivers compared to the NML)

Impacts and duration of each sub-scenario at residences

The proportion of NML exceedances for all three sub-scenarios are shown in Figure 3.16. The results indicate:

– S02.02 (service and utilities) is anticipated to result in the greatest number of NML exceedances.
– The number and extent of NML exceedances during the OOHW Day and OOHW Evening periods are similar.
– A significant number of NML exceedances are predicted during OOHW Period 2 (night) for all sub-scenarios.
– The activity that would occur for the longest duration is predicted to result in the least number of NML exceedances, being site deliveries (S02.03).

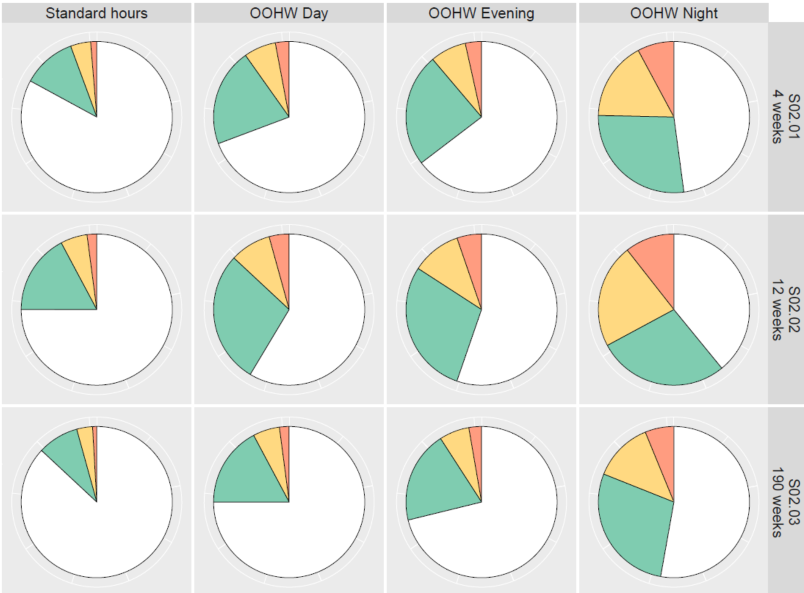

Figure 3.16 S02 – Proportion of NML exceedances at residences for each sub-scenario

3.4.3.3 S03: Recycling of spoil and ballast

Recycling of spoil and ballast from the former freight rail (Sandown) line would involve crushing and screening within the Grand Avenue construction compound site. Crushing and screening is the only noise generating construction activity during this scenario and as such no sub-scenarios are included. The indicative duration of the recycling of the spoil and ballast is approximately 30 weeks.

Worst-case impacts per residential–NCA (S03.01 – crushing and screening)

This construction activity is not anticipated to result in any NML exceedances at residential receivers during the recommended standard hours, OOHW day or OOHW evening periods due to the large separation between this compound site and the nearest residences. A small number residences would experience NML exceedances of <10 dB in Ermington (NCA-E and NCA-F) during the OOHW night period and NML exceedances at non-residential receivers have also been predicted. No crushing and screening works are expected at Parramatta CBD (NCA-S).

Note should be made that the surrounding area has been identified for re-zoning as part of the Camellia Master Plan. Prior to construction, the land use survey would be updated to ensure any new sensitive land uses that could be impacted by construction noise are included in the NVMP.

Figure 3.17 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs. Table 3.19 shows the number of residences predicted to receive noise levels above the relevant NML.

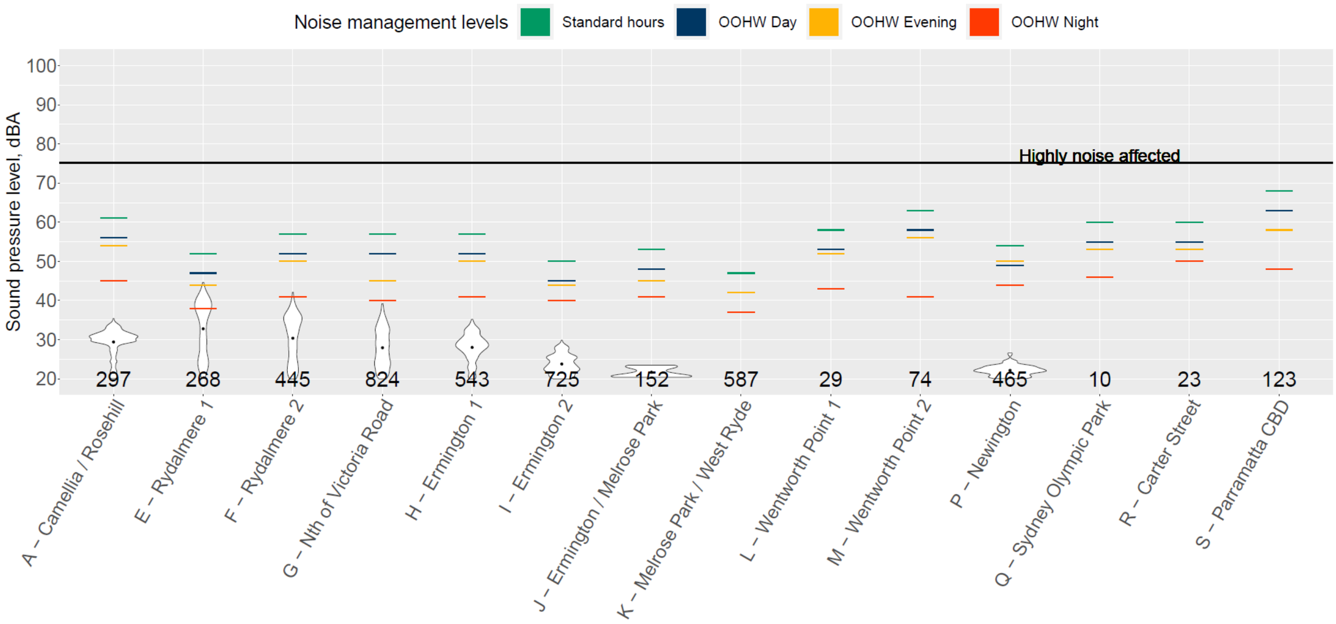

Figure 3.17 S03.01 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.19 S03.01 – Number of NML exceedances at residences per NCA

NML	Number of residences predicted to experience noise levels above the NML per NCA													
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Standard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OOHW Day	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OOHW Eve	0	1	0	0	0	0	0	0	0	0	0	0	0	0
OOHW Night	0	70	3	0	0	0	0	0	0	0	0	0	0	0
Highly Noise Affected	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Worst-case impacts at non-residential receivers (S03.01 – crushing and screening)

Figure 3.18 shows the range of predicted noise levels for each non-residential receiver type along with relevant assessment NMLs shown as a blue line. The modelling results indicate one industrial receiver is predicted to receive noise levels above the NML.

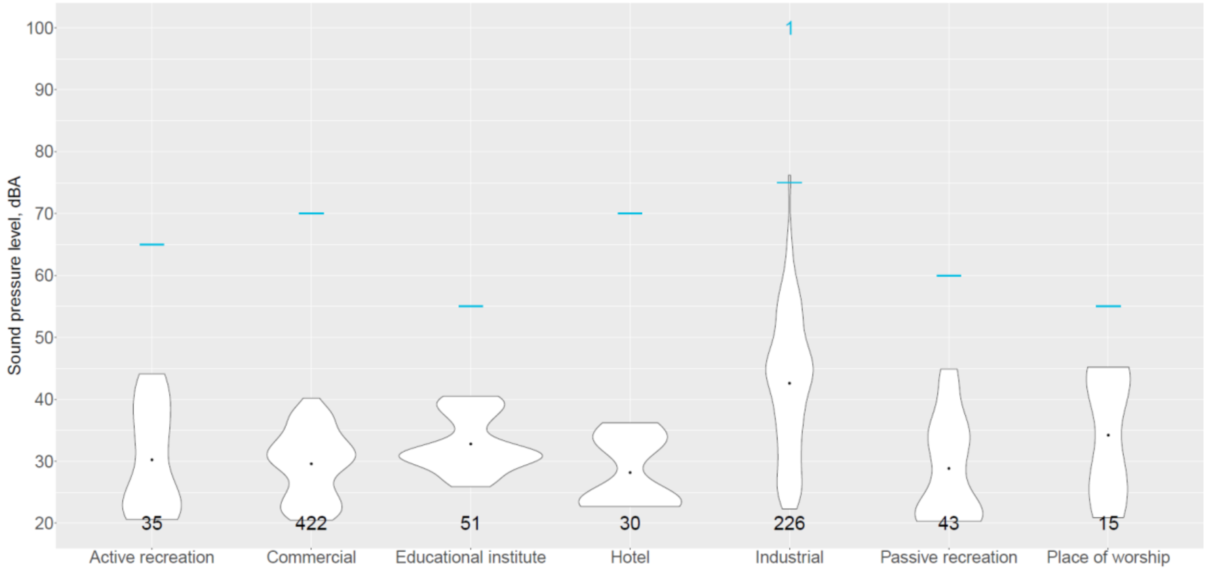

Figure 3.18 S03.01 – Predicted noise level range at non-residential receivers compared to the NML

3.4.3.4 S04: Construction of traction power substations

Five traction power substations would be required for the project, located in Camellia, Rydalmere, Melrose Park, Wentworth Point and Sydney Olympic Park. This construction activity involves site establishment (S04.01) and construction and installation of the traction power substations (S04.02) both of which are anticipated to generate similar noise levels. The total duration of this scenario is approximately nine weeks with the construction and installation comprising six of these weeks.

Worst-case impacts per residential–NCA (S04.02 – construction of traction power substations)

The construction and installation of the traction power substations (S04.02) is predicted to result in the greatest number of NML exceedances at residential receivers. Short-term noise impacts are predicted to occur at residences adjacent to the Rydalmere, Melrose Park and Sydney Olympic Park substations. No residences are predicted to be highly noise affected.

Figure 3.19 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs. Table 3.20 shows the number of residences predicted to receive noise levels above the relevant NML and Figure 3.20 shows the number residences per exceedance category during the ICNG standard hours.

Noise generated from the construction of the traction power substations is predicted to result in a relatively small number of NML exceedances during the ICNG recommended standard hours, where most of impacts would be <10 dB and experienced at residences in close proximity to substations.

Due to the large separation distances between the traction power substations at Camellia and at Wentworth Point, no NML exceedances are predicted during the ICNG recommended standard hours and <10 dB exceedances are predicted during all OOHW periods. The majority of noise impacts at all locations during the OOHW Day, OOHW evening and OOHW night are predicted to be <10 dB.

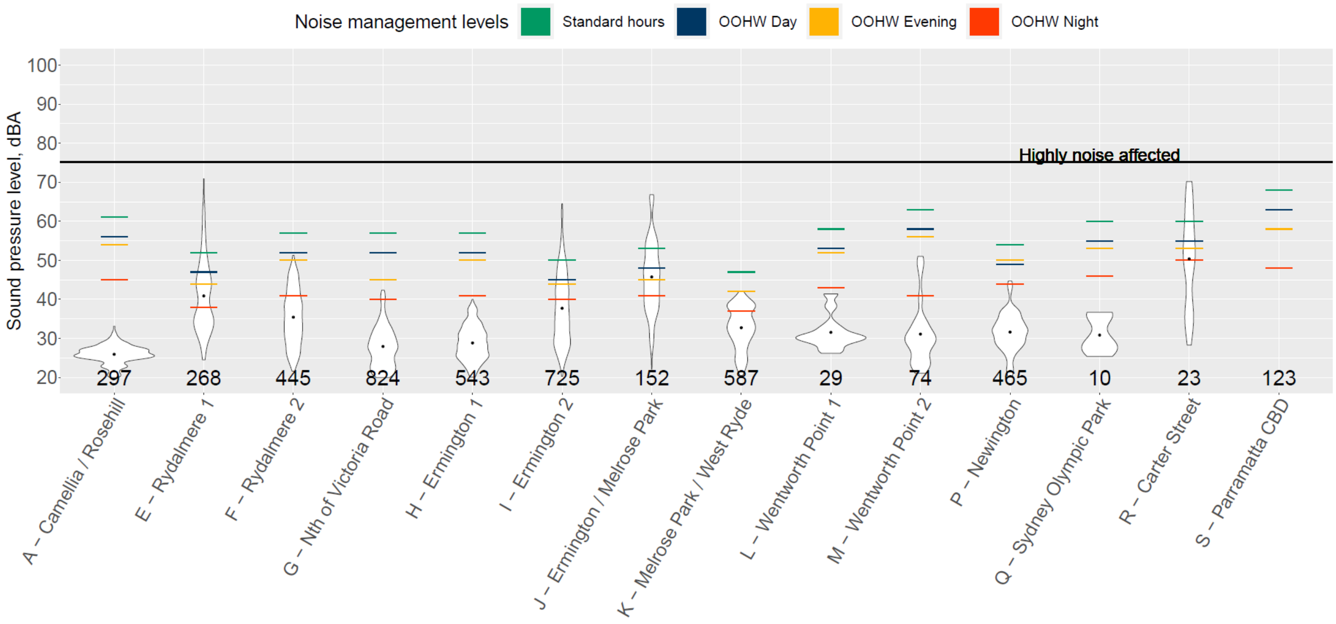

Figure 3.19 S04.02 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.20 S04.02 – Number of NML exceedances at residences per NCA

NML	Number of residences predicted to experience noise levels above the NML per NCA													
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Standard	0	28	0	0	0	57	28	0	0	0	0	0	6	0
OOHW Day	0	58	0	0	0	154	51	0	0	0	0	0	9	0
OOHW Eve	0	87	3	0	0	171	76	0	0	0	0	0	9	0
OOHW Night	0	142	100	18	0	268	98	139	0	7	1	0	13	0
Highly Noise Affected	0	0	0	0	0	0	0	0	0	0	0	0	0	0

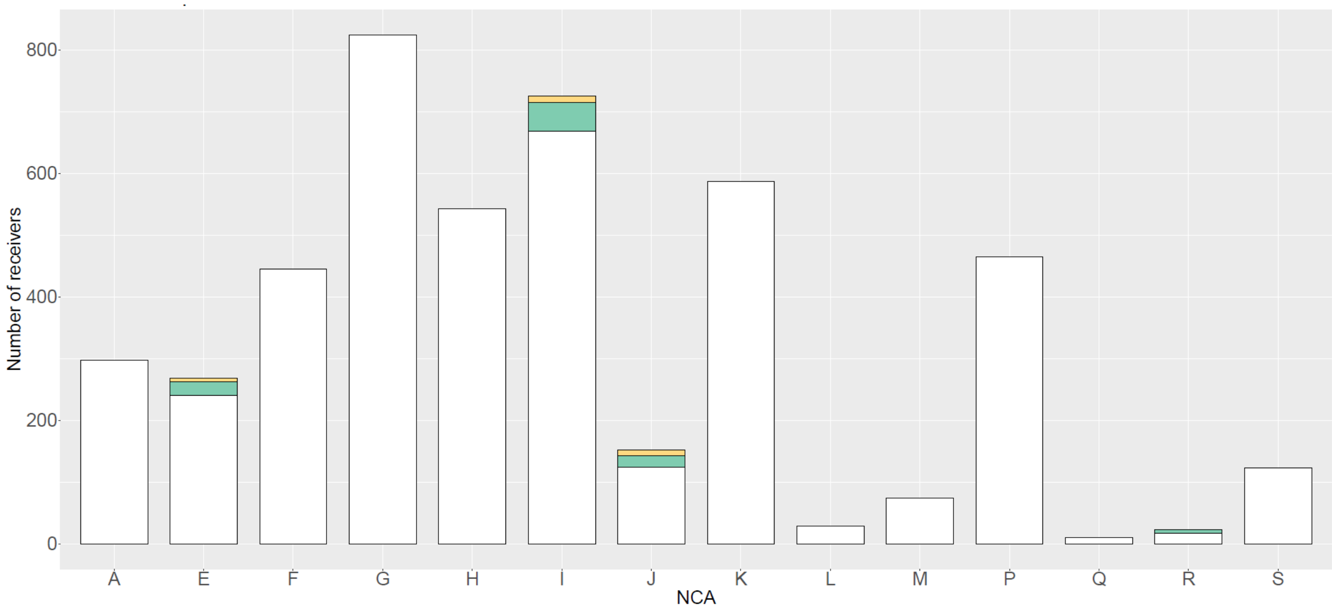

Figure 3.20 S04.02 – Number of residences per exceedance category during standard hours

Worst-case impacts at non-residential receivers (S04.02 – construction of the traction power substations)

Figure 3.21 shows the range of predicted noise levels for each non-residential receiver type along with relevant assessment NMLs shown as a blue line. The number of receivers predicted to exceed the NML are numbered in blue. The modelling results indicate that the average experienced noise level for non-residential receivers is below NML for all non-residential receiver types. The NML exceedances at key non-residential receivers are listed in section 3.4.2.

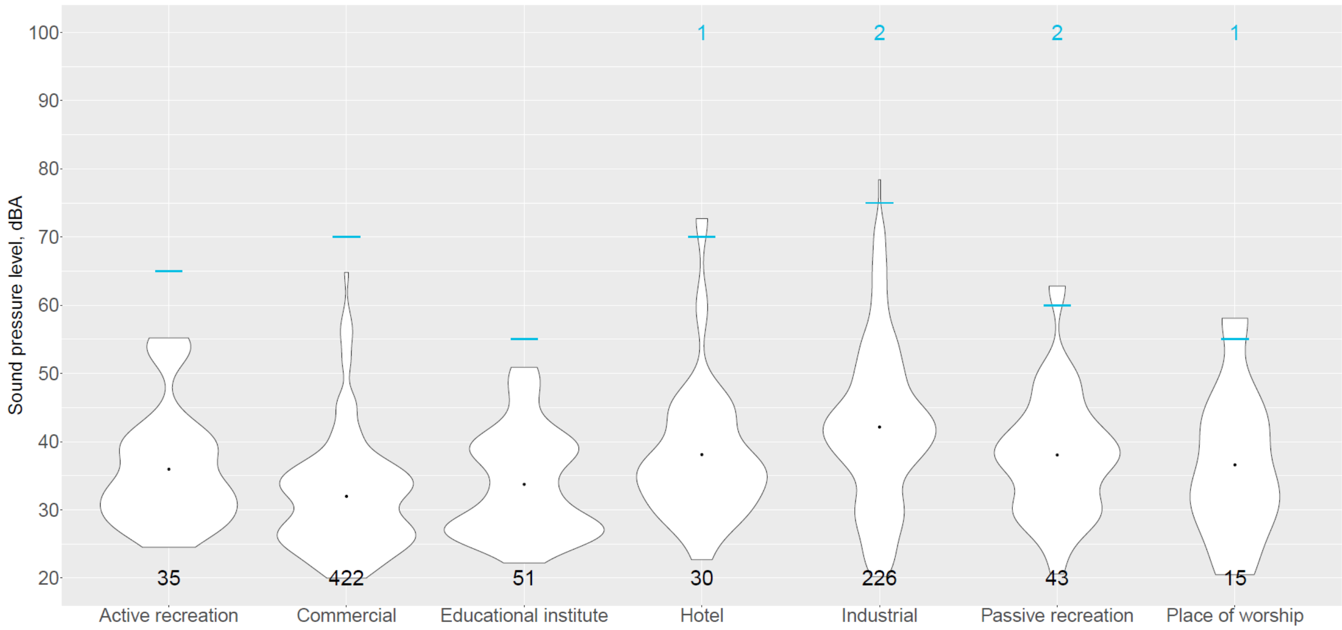

Figure 3.21 S04.02 – Predicted noise level range at non-residential receivers compared to the NML

3.4.3.5 S05: Light rail track and public domain works

The track infrastructure and public domain works extending from the stabling and maintenance facility in Camellia to the Carter Street stop can be categorised as civil engineering works, rail installation works (embedded, permeable or ballast) and overhead-wiring poles and street lighting.

Further trackwork would be required to construct the turnback facility for the project in the Parramatta CBD. The construction methodology would be similar to the works described above, however the track would be embedded, as such other installation options, such as ballast track, have not been assessed.

Worst-case impacts per residential NCA (S05.02 – use of a rockbreaker)

Earthworks with the use of a rockbreaker (S05.02) are predicted to result in the greatest number of NML exceedances at residential receivers, however this impact is expected to be relatively short-term (less than four weeks). Due to the high noise level of a rockbreaker and the proximity of works to residences, the average noise level is predicted to be above the standard hours NML and residences are anticipated to be highly noise affected at all NCAs except for Rosehill-Camellia (NCA-A), north of Victoria Road (NCA-G) and Newington (NCA-P).

As the works would progress in a linear manner along the project site, the worst-case impacts at any one receiver would be expected for a substantially shorter duration than the total duration for the activity.

Figure 3.22 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs. Table 3.21 shows the number of residences predicted to receive noise levels above the relevant NML and Figure 3.23 shows the number residences per exceedance category during the ICNG standard hours.

The results indicate the following:

– A significant number of NML exceedances are predicted, particularly during OOHW periods.
– Impacts are predicted in majority of the residential NCAs, with the exception of those with a larger separation distance to the track alignment such as NCA-A, NCA-G and NCA-S.
– During ICNG recommended standard hours, the majority of NML exceedances are predicted to be <10 dB at each NCA except for at Ermington (NCA-I) due to the low background noise levels in this area.

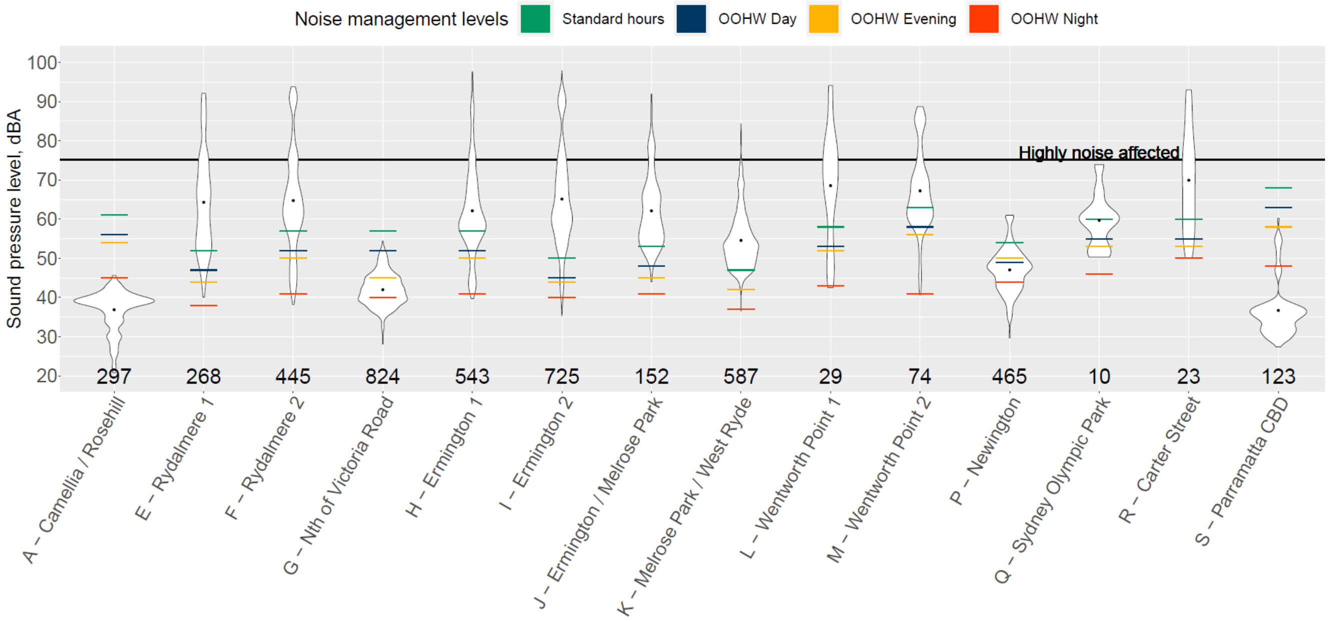

Figure 3.22 S05.02 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.21 S05.02 – Number of NML exceedances at residences per NCA

NML	Number of residences predicted to experience noise levels above the NML per NCA													
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Standard	0	217	331	0	354	664	128	507	21	44	36	3	17	0
OOHW Day	0	252	368	5	460	690	150	584	23	65	137	7	20	0
OOHW Eve	0	261	376	155	471	696	151	584	23	68	103	7	20	1
OOHW Night	2	268	438	500	536	718	152	586	28	73	317	10	22	11
Highly Noise Affected	0	50	87	0	69	133	17	5	11	15	0	0	7	0

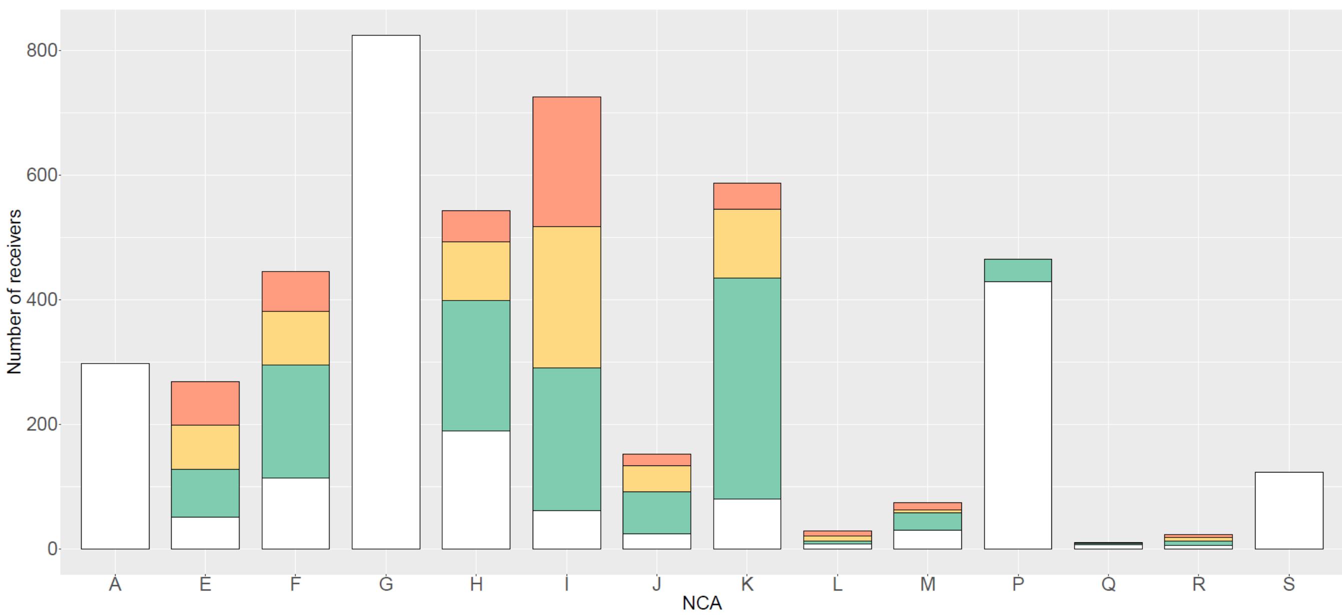

Figure 3.23 S06.02 – Number of residences per exceedance category during standard hours

Worst-case impacts at non-residential receivers (S05.02 – use of a rockbreaker)

Figure 3.24 shows the range of predicted noise levels for each non-residential receiver type along with the relevant assessment NMLs shown as a blue line. The number of receivers predicted to exceed the NML are numbered in blue. The modelling results indicate that the average experienced noise level is below NML for active recreation areas, commercial receivers, industrial receivers, hotels (day NML only) and places of worship. NML exceedances at key non-residential receivers are listed in section 3.4.2. The majority of the impacts are at commercial receivers that front the trackworks at Sydney Olympic Park and at Parramatta CBD.

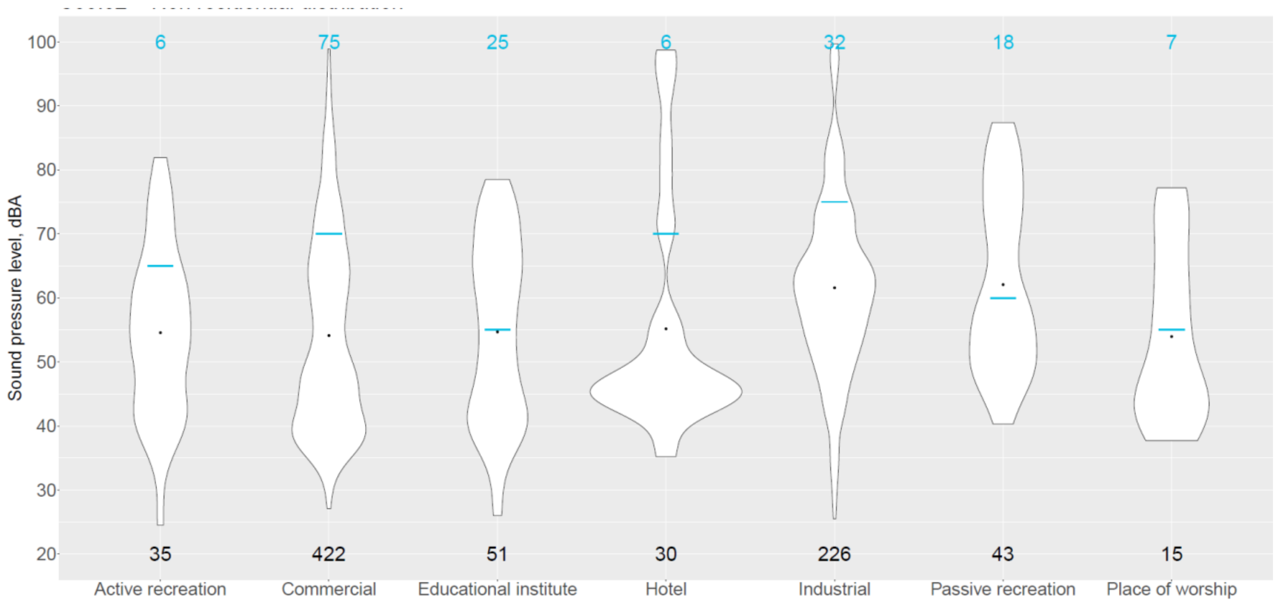

Figure 3.24 S05.02 – Predicted noise level range at non-residential receivers compared to NML (worst-case)

Impacts and duration of each sub-scenario at residences

The proportion of NML exceedances for all six sub-scenarios are shown in Figure 3.25 along with the duration of each. The results indicate:

– S05.02 (earthworks with rockbreaker and the use of a concrete saw) is anticipated to result in the greatest number of noise impacts, followed by:
  - S05.04 (embedded trackworks for approximately 15 weeks)
  - S05.05 (trackworks – tamping for approximately 15 weeks, where a ballast would be installed)
  - S05.01 (earthworks for approximately eight weeks)
  - S05.03 (concrete works for approximately eight weeks)/S05.06 (steel erection/wiring for approximately five weeks).

– The number and extent of NML exceedances during the OOHW day and OOHW evening periods are similar for all sub-scenarios.

– A significant number of 10-20 dB exceedances and >20 dB exceedances of the NMLs are predicted during the OOHW night period for all sub-scenarios. Where possible, high-noise generating works would be scheduled between the ICNG standard hours.

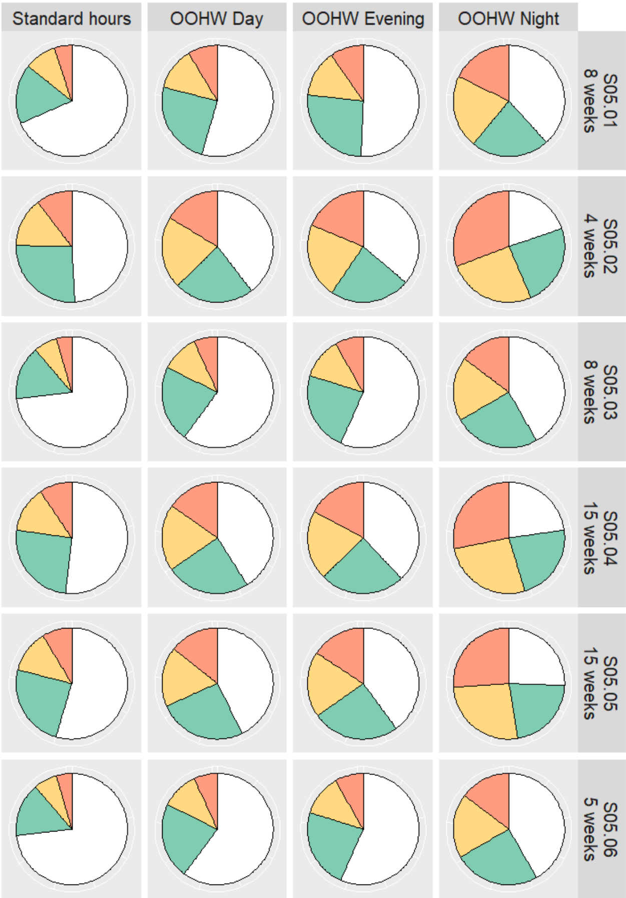

Figure 3.25 S05 – Proportion of NML exceedances at residences for each sub-scenario

3.4.3.6 S06: Modifications to the existing stabling and maintenance facility in Camellia

Construction works include works to modify the stabling and maintenance facility constructed as part of Stage 1 to increase the capacity to allow for additional light rail vehicles and staff vehicles. The total duration required to modify the stabling and maintenance facility would be 194 weeks, with 42 weeks being required to construct the track.

Worst-case impacts per residential NCA (S06.03 – trackworks)

The modification works to the stabling and maintenance facility are sufficiently distant from any existing residential receivers, that no NML exceedances are predicted during of the modelled sub-scenarios or during any of the standard construction or OOHW assessment periods.

A small number of residences in Rosehill (NCA-A) Ermington (NCA-E, NCA-F and NCA-G) would experience NML exceedances of <10 dB during the OOHW night period. Note should be made that the surrounding area has been identified for re-zoning as part of the Camellia Master Plan. Prior to construction, the land use survey would be updated to ensure any new sensitive land uses that could be impacted by construction noise are included in the NVMP.

Figure 3.26 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs. Table 3.22 shows the number of residences predicted to receive noise levels above the relevant NML.

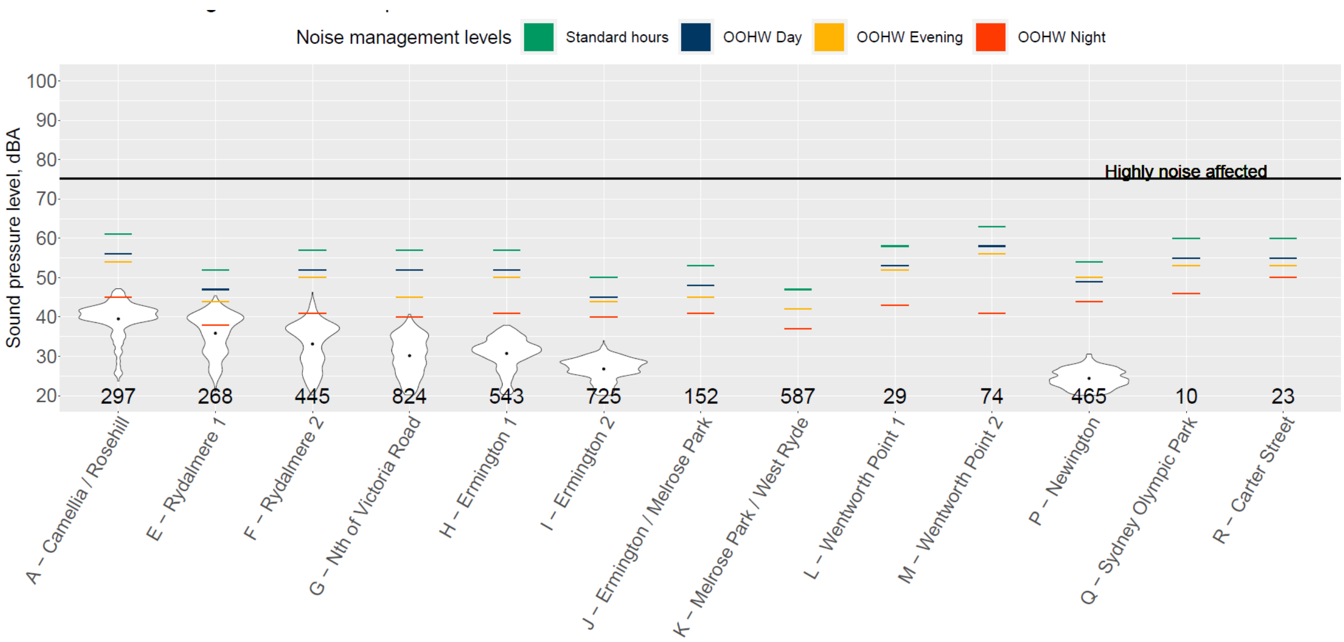

Figure 3.26 S06.03 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.22 S06.03 – Number of NML exceedances at residences per NCA

NML	Number of residences predicted to experience noise levels above the NML per NCA													
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Standard	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OOHW Day	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OOHW Eve	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OOHW Night	12	112	15	1	0	0	0	0	0	0	0	0	0	0
Highly Noise Affected	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Worst-case impacts at non-residential receivers (S06.03 – trackworks)

Table 3.25 shows the range of predicted noise levels for each non-residential receiver type along with relevant assessment NMLs shown as a blue line. The number of receivers predicted to exceed the NML is also shown in blue.

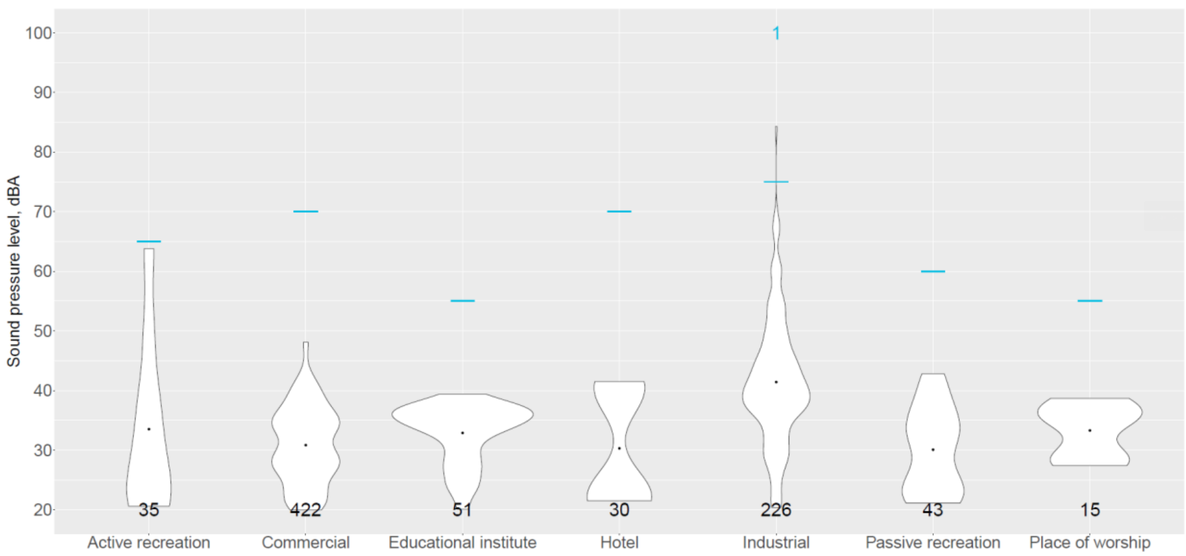

Figure 3.27 S06.03 – Predicted noise level range at non-residential receivers compared to the NML

3.4.3.7 S07: Construction of stops

Construction works for light rail stops and interchanges would occur concurrently with the track infrastructure works or may be constructed separately depending on the preferred construction methodology.

Worst-case impacts per residential NCA (S07.02 – finishing works)

The average experienced noise level at residences within each NCA is predicted to be below the standard hours NML at all NCAs adjacent to stops, except for the Murdoch Street stop (Ermington – NCA-I). Additionally, highly noise affected receivers are anticipated at the following locations:

– John Street stop (Rydalmere/NCA-E)
– Nowill Street stop (Rydalmere/NCA-F)
– River Road stop (Ermington – NCA-H)
– Murdoch Street stop (Ermington – NCA-I)
– Atkins Road stop (Ermington – NCA-J)
– Footbridge Boulevard and Hill Road stops (Wentworth Point – NCA-M)
– Carter Street stop (Carter Street – NCA-R).

Figure 3.28 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs. Table 3.23 shows the number of residences predicted to receive noise levels above the relevant NML and Figure 3.29 shows the number residences per exceedance category during the ICNG standard hours. The results indicate the following:

– During standard hours, most of noise impacts are predicted to be <10 dB at each NCA except for at Ermington (NCA-I) due to the low background noise levels in this area.
– A significant number of 10-20 dB and >20 dB exceedances are predicted during the OOHW day, evening and night periods.

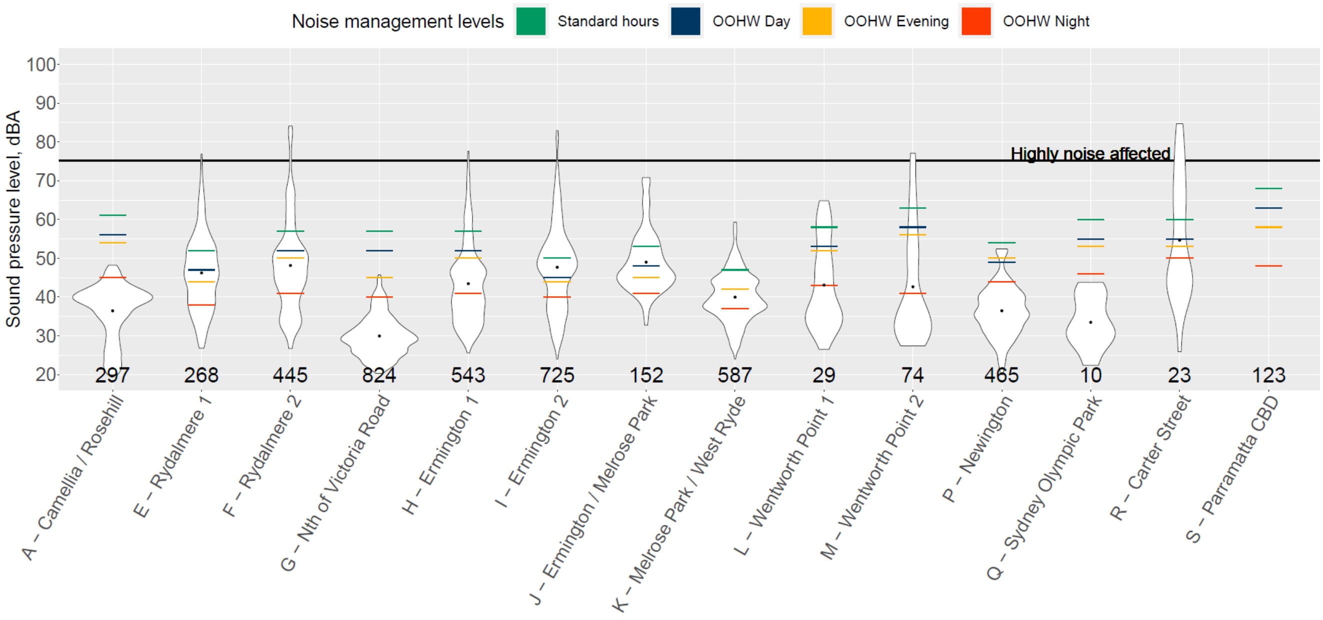

Figure 3.28 S07.02 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.23 S07.02 – Number of NML exceedances at residences per NCA

NML	Number of residences predicted to experience noise levels above the NML per NCA													
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Standard	0	66	79	0	58	263	35	63	4	9	0	0	9	0
OOHW Day	0	116	123	0	89	438	67	201	7	13	23	0	10	0
OOHW Eve	0	155	159	1	103	460	91	201	7	14	20	0	10	0
OOHW Night	14	206	320	32	282	524	135	377	12	27	41	0	11	0
Highly Noise Affected	0	1	16	0	3	11	0	0	0	3	0	0	4	0

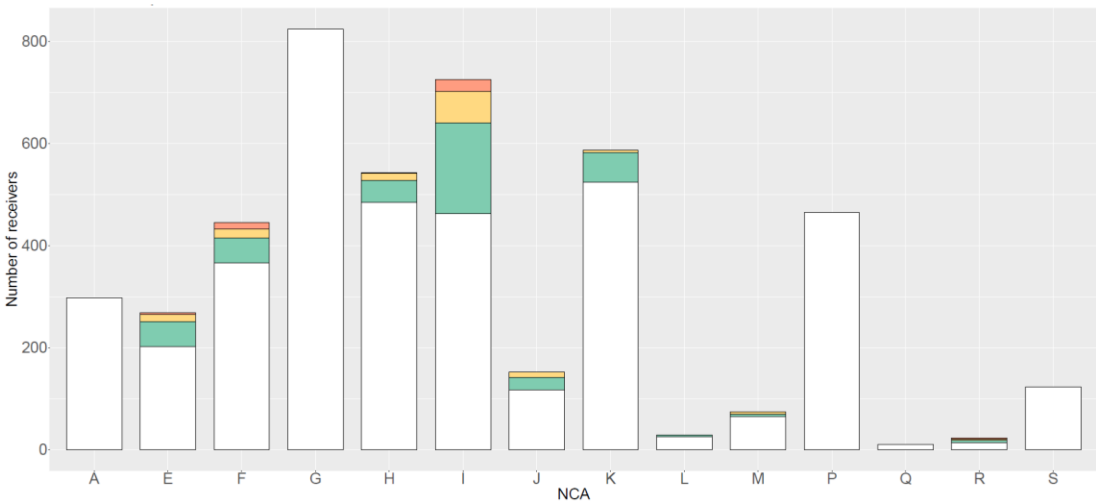

Figure 3.29 S07.02 – Number of residences per exceedance category during standard hour

Worst-case impacts at non-residential receivers (S07.02 – use of an excavator)

Figure 3.30 shows the range of predicted noise levels for each non-residential receiver type along with relevant assessment NMLs shown as a blue line. The number of receivers predicted to exceed the NML are numbered in blue. The modelling results indicate that the average experienced noise level is below the NML for all non-residential receiver types. The NML exceedances at key non-residential receivers are listed in section 3.4.2.

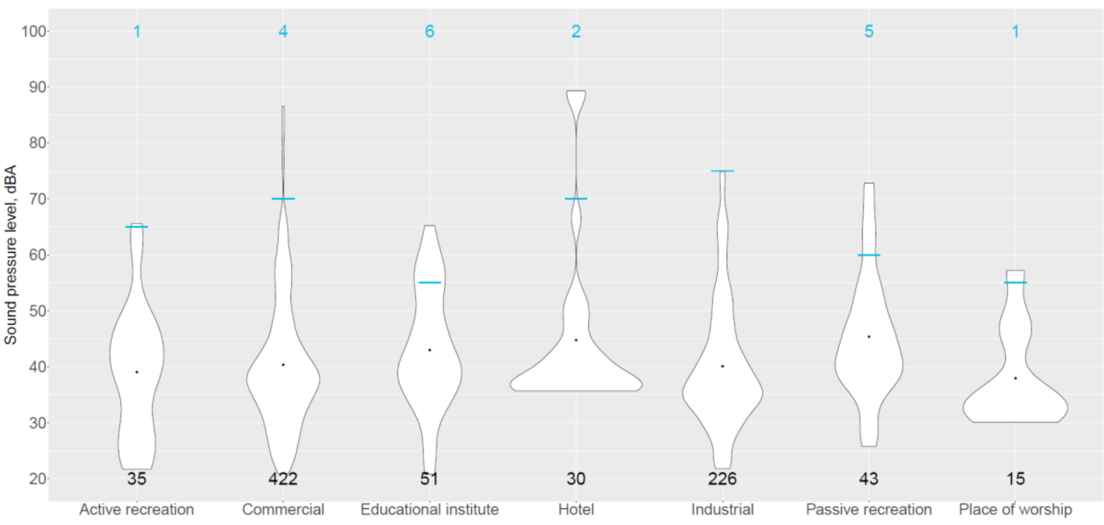

Figure 3.30 S07.02 – Predicted noise level range at non-residential receivers compared to the NML)

Impacts and duration of each sub-scenario at residences

As the activity sound power level for the concrete works and finishing works are similar, the NML exceedances predicted for both sub-scenarios are also similar. The proportion of NML exceedances for the two sub-scenarios along with the expected duration of each are shown in Figure 3.31. The results indicate:

- S07.02 (finishing works) is anticipated to result in a slightly higher number of NML exceedances than S07.01 (concrete works).
- During all assessment periods, most of the NML exceedances are predicted to be <10 Db.
- The number and extent of NML exceedances during the OOHW day and OOHW evening periods are similar.
- Should high-noise generating work occur during the OOHW night period, it would result in NML exceedances of >20 dB. However, the majority of NML exceedances during this period are predicted to be <10 dB or 10-20 dB. As such, any high-noise intensive equipment would be scheduled during the ICNG standard hours, where possible.

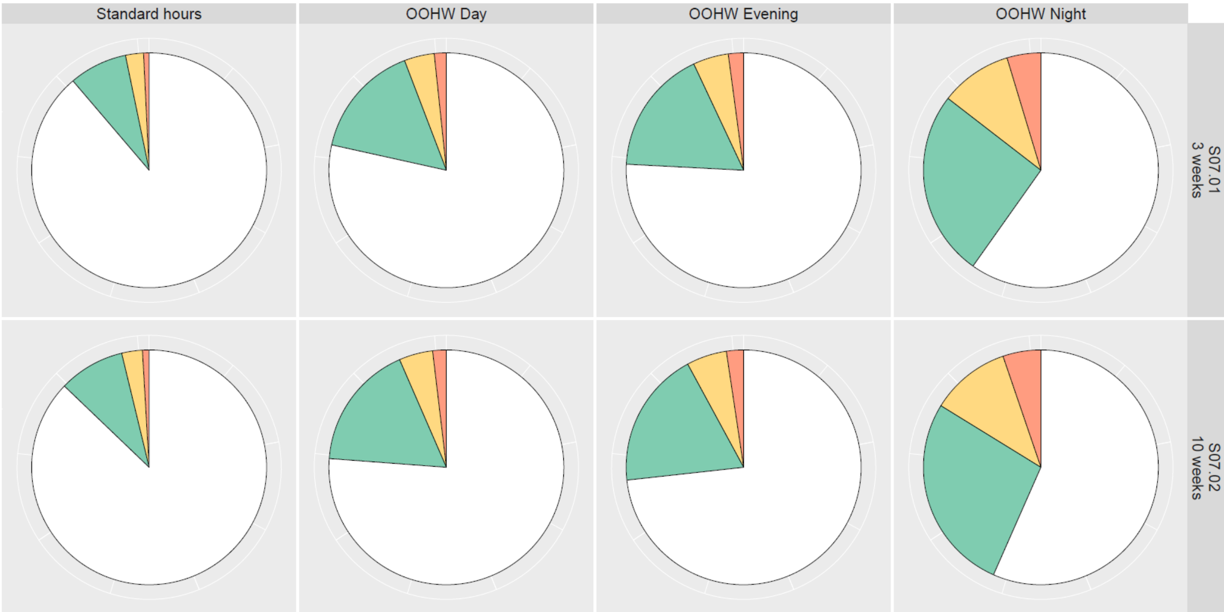

Figure 3.31 S07 – Proportion of NML exceedances at residences for each sub-scenario

3.4.3.8 S08: Bridge works

Three new bridges are proposed, being a bridge at Camellia (over Parramatta River), a bridge over Silverwater Road and a bridge at Wentworth Point (over Parramatta River). In Ken Newman Park, a bridge is also proposed to be constructed near the Boronia Street and Spurway Street intersection. It has been assumed that construction works in this area would be similar to the works for the other bridges as a worst-case. In addition, modification works to the existing Holker Busway bridge would be required and the existing bridge at Hill Road would be duplicated to allow for the new light rail track.

Worst-case impacts per residential NCA (S08.02 – use of piling rig)

Piling works at bridges (S08.02) is predicted to result in the greatest number of impacts at residential receivers, however the duration of the actual piling works is expected to be relatively short-term (approximately 19 weeks for completion at all locations). Due to the high noise level of a piling rig and the proximity of works to residences, highly noise affected receivers are anticipated in the following areas:

- Rydalmere (NCA-E) near bridge between Camellia and Rydalmere
- Ermington (NCA-F and NCA-H) near bridge over Silverwater Road
- Ermington (NCA-H and NCA-I) near bridge over Ken Newman Park
- Melrose Park/West Ryde (NCA-K) and Wentworth Point (NCA-L) near bridge between Melrose Park and Wentworth Point.

Due to the low background noise levels in Rydalmere, Ermington and Melrose Park/West Ryde, the average noise level for residences within each NCA is predicted to be above the standard hours NML.

Figure 3.32 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs. Table 3.24 shows the number of residences predicted to receive noise levels above the relevant NML and Figure 3.33 shows the number residences per exceedance category during the ICNG standard hours. The results indicate the following:

– During the ICNG recommended standard hours, most of the NML exceedances are predicted to be <10 dB at each NCA.
– During ICNG recommended standard hours, the upgrades to the Hill Road and Holker Busway bridges are predicted to result in NML exceedances of <10 dB at Newington (NCA-P).
– During the OOHW day and evening periods, a significant portion of NML exceedances are predicted to be 10-20 dB and >20 Db.
– The majority of impacts during the OOHW night periods are predicted to be 10-20 dB and >20 dB.

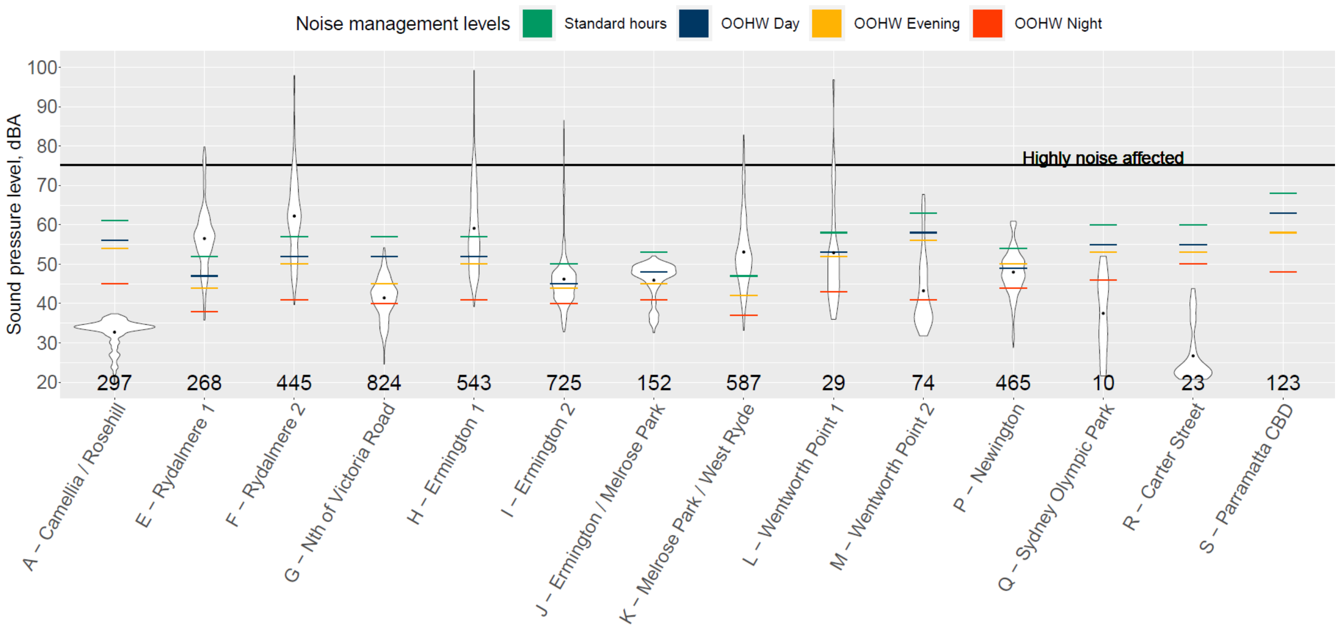

Figure 3.32 S08.02 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.24 S08.02 – Number of NML exceedances at residences per NCA (S01.02)

NML	Number of residences predicted to experience noise levels above the NML per NCA													
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Standard	0	199	306	0	256	98	0	433	7	5	51	0	0	0
OOHW Day	0	231	353	11	372	334	51	522	8	7	182	0	0	0
OOHW Eve	0	248	384	164	405	404	107	522	11	9	148	0	0	0
OOHW Night	0	264	441	506	536	610	125	572	21	32	351	2	0	0
Highly Noise Affected	0	10	42	0	45	11	0	15	2	0	0	0	0	0

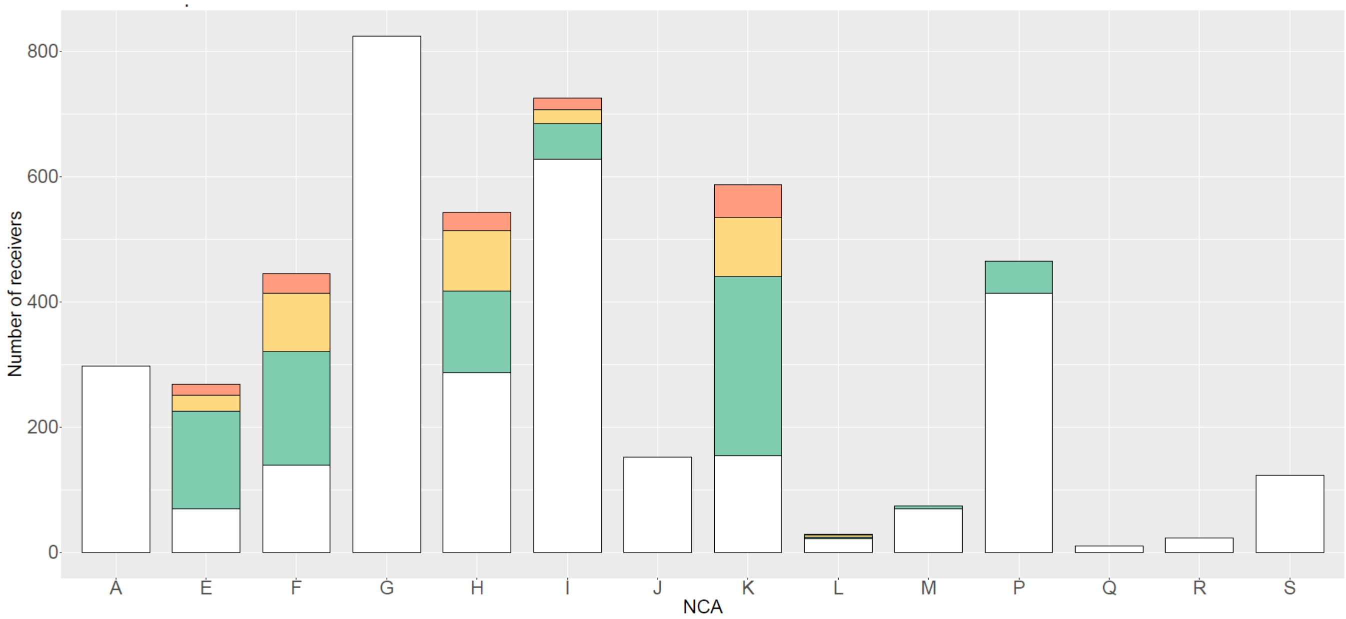

Figure 3.33 S08.02 – Number of residences per exceedance category during standard hours

Worst-case impacts at non-residential receivers (S08.02 – use of piling rig)

Figure 3.34 shows the range of predicted noise levels for each non-residential receiver type along with relevant assessment NMLs shown as a blue line. The number of receivers predicted to exceed the NML is numbered in blue. The modelling results indicate that the average experienced noise level is below NML for all non-residential receiver types, except for at passive recreation areas. The NML exceedances at key non-residential receivers are listed section 3.4.2.

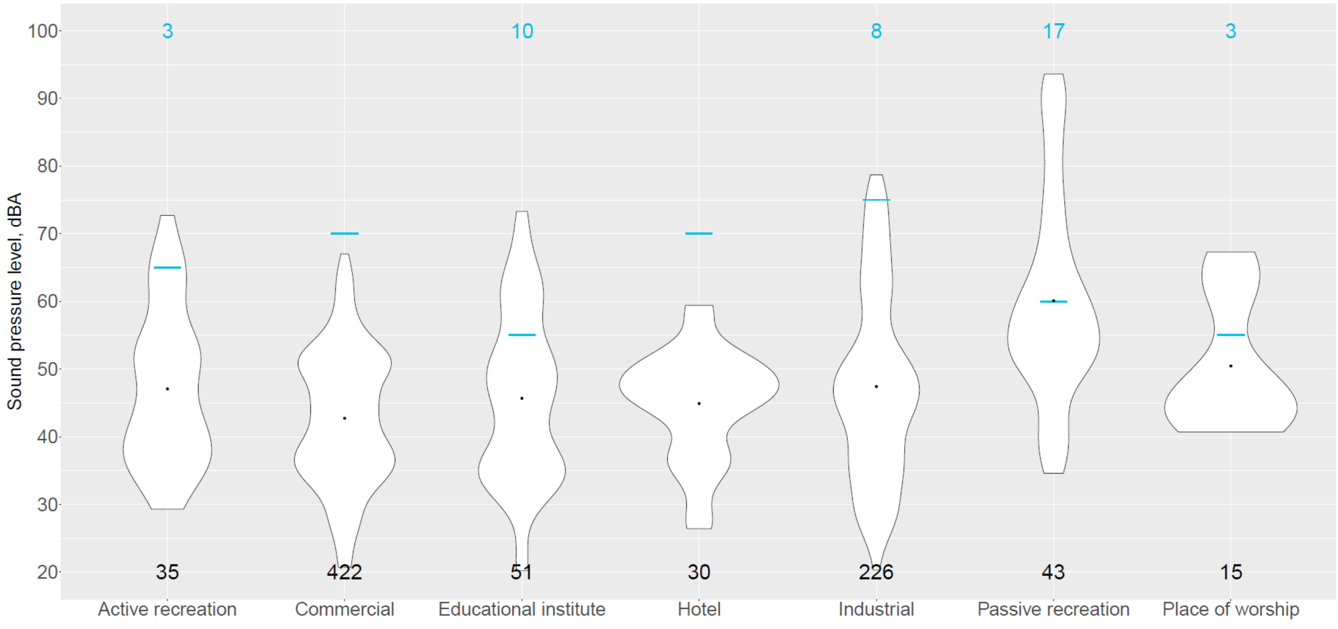

Figure 3.34 S09.02 – Predicted noise level range at non-residential receivers compared to the NML)

Impacts and duration of each sub-scenario at residences

Noise impacts for all four sub-scenarios are shown in Figure 3.35. The results indicate:

– S08.02 (piling works) is anticipated to result in the greatest number of noise impacts.

– The level and extent of NML exceedances during site establishment (S08.01), construction and installation (S08.03) and concrete works (S08.04) at bridges are anticipated to be similar.

– For non-piling related bridge works during the ICNG recommended standard hours, a relatively small number of receivers are predicted to experience noise levels above the NML.

– The number and extent of NML exceedances during the OOHW day and OOHW evening periods are similar for all sub-scenarios.
– Should high-noise generating work (such as piling) occur during the OOHW night period, it would result in >20 dB exceedances of the NML at a significant number of receivers. The majority of NML exceedances during this period are either predicted to be <10 dB or 10-20 dB. As such, any high-noise intensive equipment would be scheduled during the ICNG standard hours, where possible.
– The activity that would occur for the longest duration (approximately 95 weeks) is predicted to result in the least number of NML exceedances, being construction and installation works (S08.03).

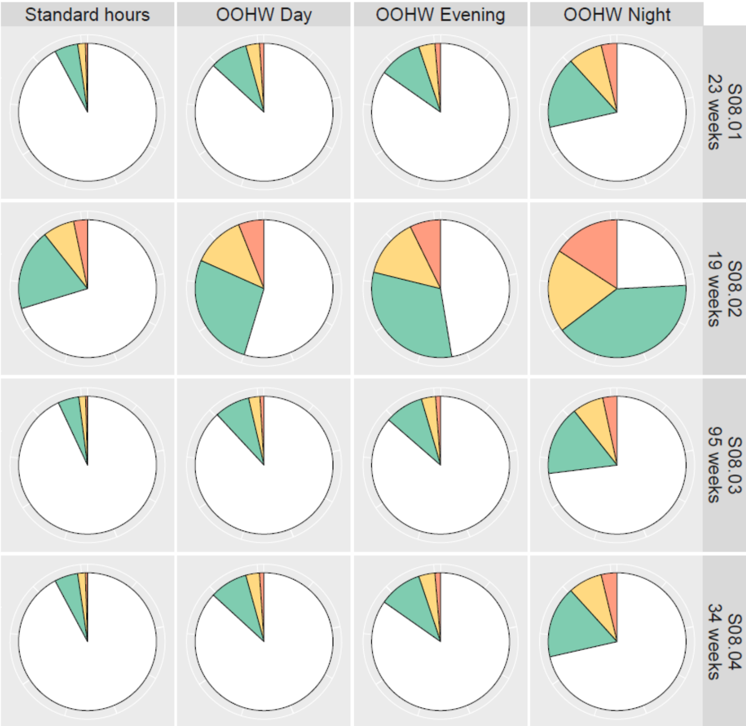

Figure 3.35 S08 – Proportion of NML exceedances at residences for each sub-scenario

3.4.3.9 S09: Roadworks and other pavement works (including active transport links)

The road network would be modified in numerous locations (particularly around intersections) to accommodate the track infrastructure and to ensure network management and viability during and following construction.

Worst-case impacts per residential NCA (S09.02 – use of rockbreaker)

Excavation works with the use of a rockbreaker (S09.02) are predicted to result in the greatest number of NML exceedances at residential receivers, however this impact is expected to be relatively short-term (less than six weeks). Due to the high noise level of a rockbreaker and the proximity of works to residences, the average noise level is predicted to be above the standard hours NML and residences are anticipated to be highly noise affected at all NCAs except for Rosehill- Camellia (NCA-A), North of Victoria Road (NCA-G) and Newington (NCA-P).

As the works would progress in a general linear manner along the road corridor, the worst-case impacts at any one receiver would be expected for a substantially shorter duration than the total duration for the activity.

Figure 3.36 shows the range of predicted noise levels for each NCA along with relevant assessment NMLs. Table 3.25 shows the number of residences predicted to receive noise levels above the relevant NML and Figure 3.37 shows the number residences per exceedance category during the ICNG standard hours. The results indicate the following:

– During standard hours, most of the NML exceedances are predicted to be <10 dB at each NCA except for at Ermington (NCA-I) due to the low background noise levels in this area.
– A significant number of 10-20 dB NML exceedances and >20 dB NML exceedances are predicted during the OOHW day, evening and night periods.

– During OOHW periods, most of the NML exceedances are predicted to be either 10-20 dB or >20 dB, especially at NCAs north of Parramatta River where background noise levels are relatively low.
– Due to the large separation distance between residences and the roadworks at Parramatta CBD (NCA-S), noise levels are not predicted to exceed the NMLs during the ICNG recommended standard hours and OOHW day period.

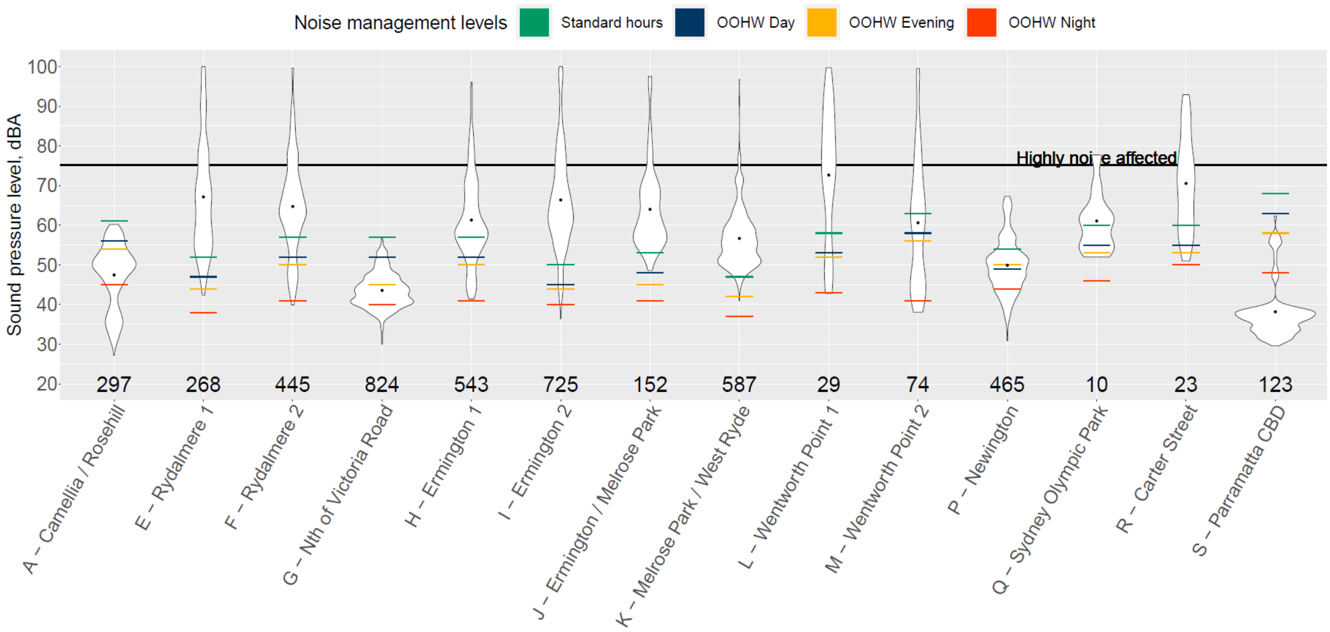

Figure 3.36 S09.02 – Predicted noise level range at residences compared to NML at each NCA (worst-case)

Table 3.25 S09.02 – Number of NML exceedances at residences per NCA

NML	Number of residences predicted to receive noise levels above the NML per NCA													
	A	E	F	G	H	I	J	K	L	M	P	Q	R	S
Std	0	233	342	0	333	672	140	562	22	32	96	5	18	0
OOHW Day	36	257	376	34	447	698	152	586	23	43	231	6	21	0
OOHW Eve	53	264	385	237	468	702	152	586	23	43	200	9	22	1
OOHW Night	203	268	440	613	542	720	152	587	28	68	364	10	23	13
Highly Noise Affected	0	81	119	0	60	199	24	15	14	15	0	1	10	0

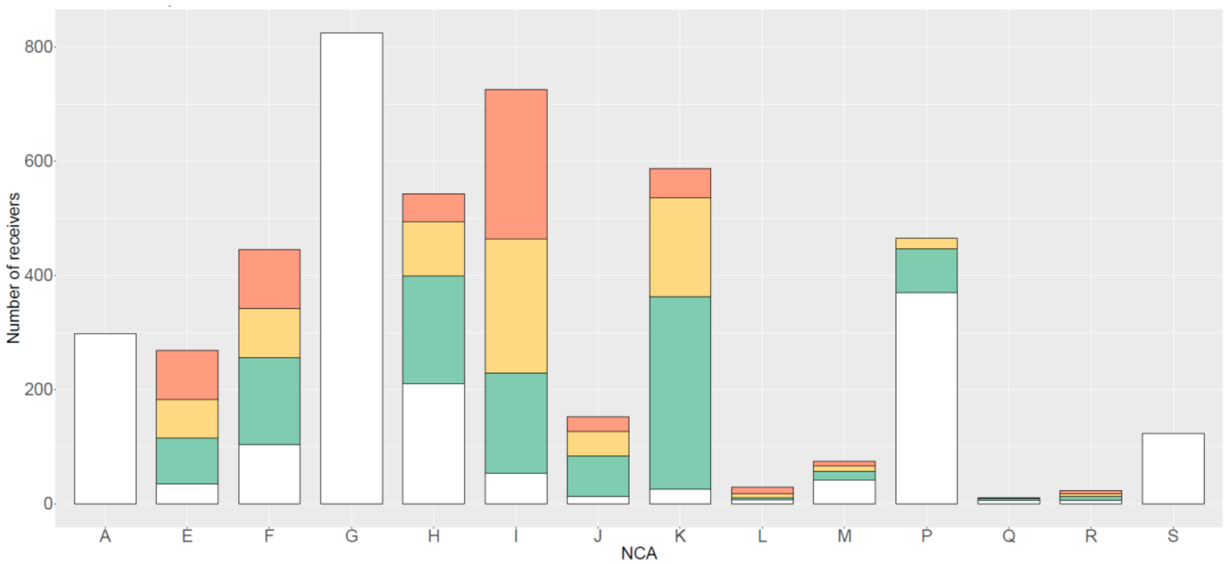

Figure 3.37 S09.02 – Number of residences per impact category during standard hours

Worst-case impacts at non-residential receivers (S09.02 – use of rockbreaker)

The modelling results indicate that the average experienced noise level is below the NML for all non-residential receiver types, except for at educational institutes, passive recreations areas and hotels (night NML). The impacted non-residential receivers are listed in section 3.4.2.

Figure 3.38 shows the range of predicted noise levels for each non-residential receiver type along with relevant assessment NMLs shown as a blue line. The number of receivers predicted to exceed the NML is numbered in blue. The modelling results indicate that the average experienced noise level is below NML for all non-residential receiver types, except for at passive recreation areas. The NML exceedances at key non-residential receivers are listed in section 3.4.2.

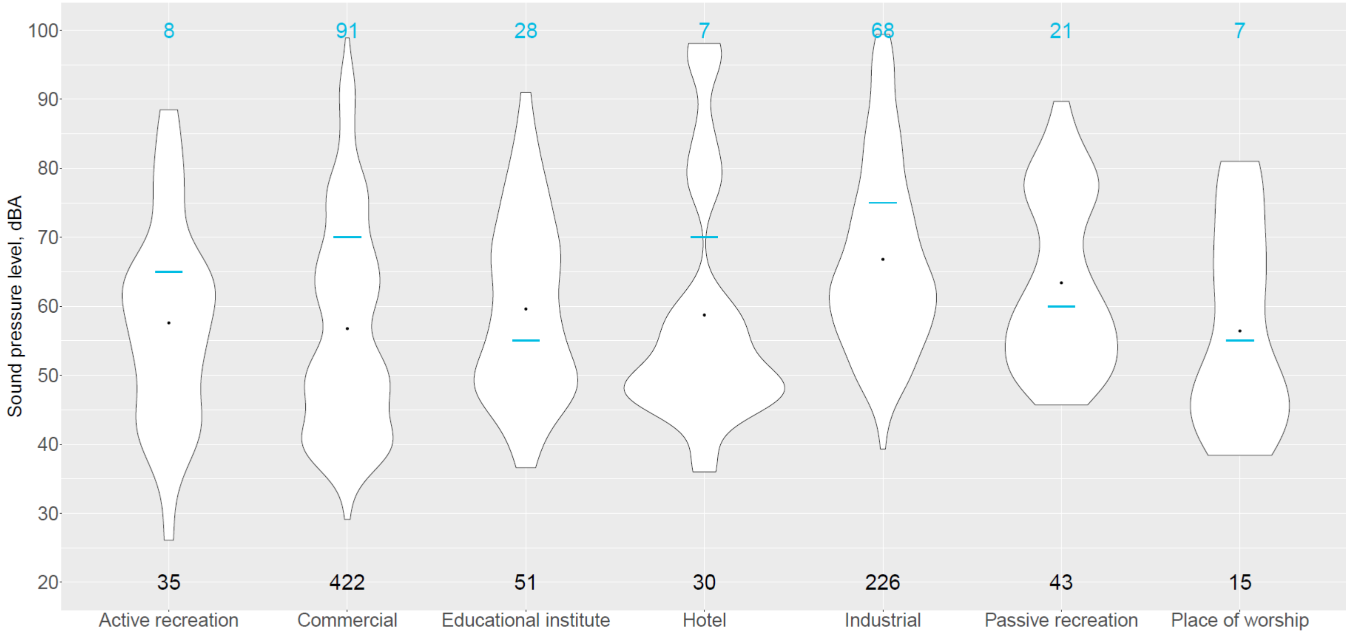

Figure 3.38 S09.02 – Predicted noise level range at non-residential receivers compared to the NML)

Impacts and duration of each sub-scenario at residences

The proportion of receivers impacted by the works for all four sub-scenarios are shown in Figure 3.39. The results indicate:

– S09.02 (earthworks with rockbreaker) is anticipated to result in the greatest number of noise impacts, followed by:
  - S09.03 (pavement works for approximately 12 weeks)
  - S09.01 (earthworks with no rockbreaker for approximately eight weeks)
  - S09.04 (signage and line-marking for approximately six weeks, where required).

– The number and extent of NML exceedances during the OOHW day and OOHW evening periods are similar for all sub-scenarios.

– Should high-noise generating work (e.g. rockbreaking, pavement works and earthworks) occur during the OOHW night period, it would result in >20 dB NML exceedances at a significant number of receivers. As such, any high-noise intensive equipment would be scheduled during the ICNG standard hours, where possible.

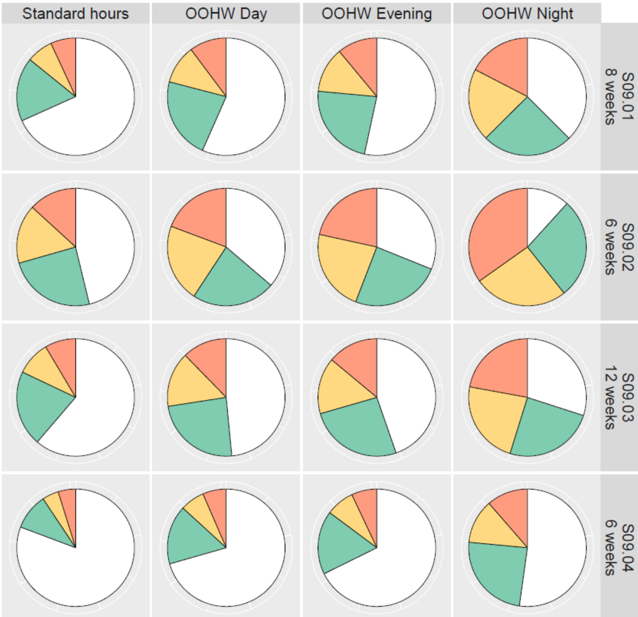

Figure 3.39 S09 – Proportion of NML exceedances at residences for each sub-scenario

3.4.4 Utility works

Utilities and services located within the project site include power, potable and recycled water, gas, fuel, wastewater and telecommunications. These assets that would be impacted by construction would be relocated or protected, in consultation with the relevant asset owners and operators. Table 3.26 outlines the existing utilities along the Parramatta Light Rail alignment and the various proposed treatment that may be required.

Indicative construction activities that would occur during services and utilities works include:

- identification of services and utilities by tracing or non-destructive excavation
- construction of new services or utilities alignment by open trenching or non-destructive excavation
- installation of new services (duct, cable, pipe, poles) as appropriate
- reinstatement of the surface
- commissioning of the new services or utility
- removal of the redundant service.

Utilities works may also involve protecting utilities within bridging structures or concrete encasement.

Table 3.26 Indicative critical utility treatment during construction

Utility	Service provider	Location (suburbs)	Proposed treatment
Water			
Potable water delivery system pipelines	Sydney Water	Camellia, Rydalmere, Ermington, Melrose Park	Protection and relocation. A valve set in Ken Newman Park would also be relocated.
Recycled water pipeline	Sydney Olympic Park Authority	Wentworth Point	Relocation
Potable and recycled water	Sydney Water	Sydney Olympic Park	Relocation
Electricity			
High and low voltage transmission lines	Endeavour Energy	Camellia, Rydalmere, Ermington, Melrose Park	Relocate underground
132 kV electricity transmission line	Ausgrid	Wentworth Point	Protection
High and low voltage transmission lines including 11 kV lines	Ausgrid	Wentworth Point, Sydney Olympic Park, Lidcombe	Relocate both above and underground
Gas and fuel			
High pressure gas mains	Jemena	Camellia, Rydalmere, Ermington, Melrose Park, Wentworth Point, Sydney Olympic Park, Lidcombe	Relocation
High pressure fuel line	Viva Energy Australia	Melrose Park	Protection and relocation

Note: 1. In some locations, there would be a need to remove and replace aged cast iron water mains and replace them with steel.

At this stage, the exact location and equipment required to undertake these works are unknown, however would likely consist of typical ground excavation equipment and compaction equipment to reinstate the surface.

Noise levels at distance from typical equipment required for utility works have been predicted as shown in Figure 3.40. Note should be made that these predictions do not include the acoustic shielding effects of intervening topography or buildings (assume line-of-sight from source to receiver).

The NMLs for standard hours and OOHW are listed in Table 3.2 for residential receivers and Table 3.3 for non-residential receivers. As most of the sensitive receivers in the study area are residential, indicative NMLs are listed in Table 3.27 for the following residential area types:

– urban residential areas with relatively high background noise levels
  - Rosehill/Camellia NCA-A
  - Wentworth Point near Hill Road NCA-M
  - Sydney Olympic Park NCA-Q
  - Carter Street Precinct NCA-R
– suburban residential areas with moderate background noise levels:
  - Rydalmere NCA-F
  - North of Victoria Road NCA-G
  - Ermington NCA-H
  - Wentworth Point near Ferry NCA-L
– suburban residential areas with low background noise levels
  - Rydalmere NCA-E
  - Ermington NCA-I
  - Melrose Park and West Ryde NCA-J and NCA-K
  - Newington NCA-P.

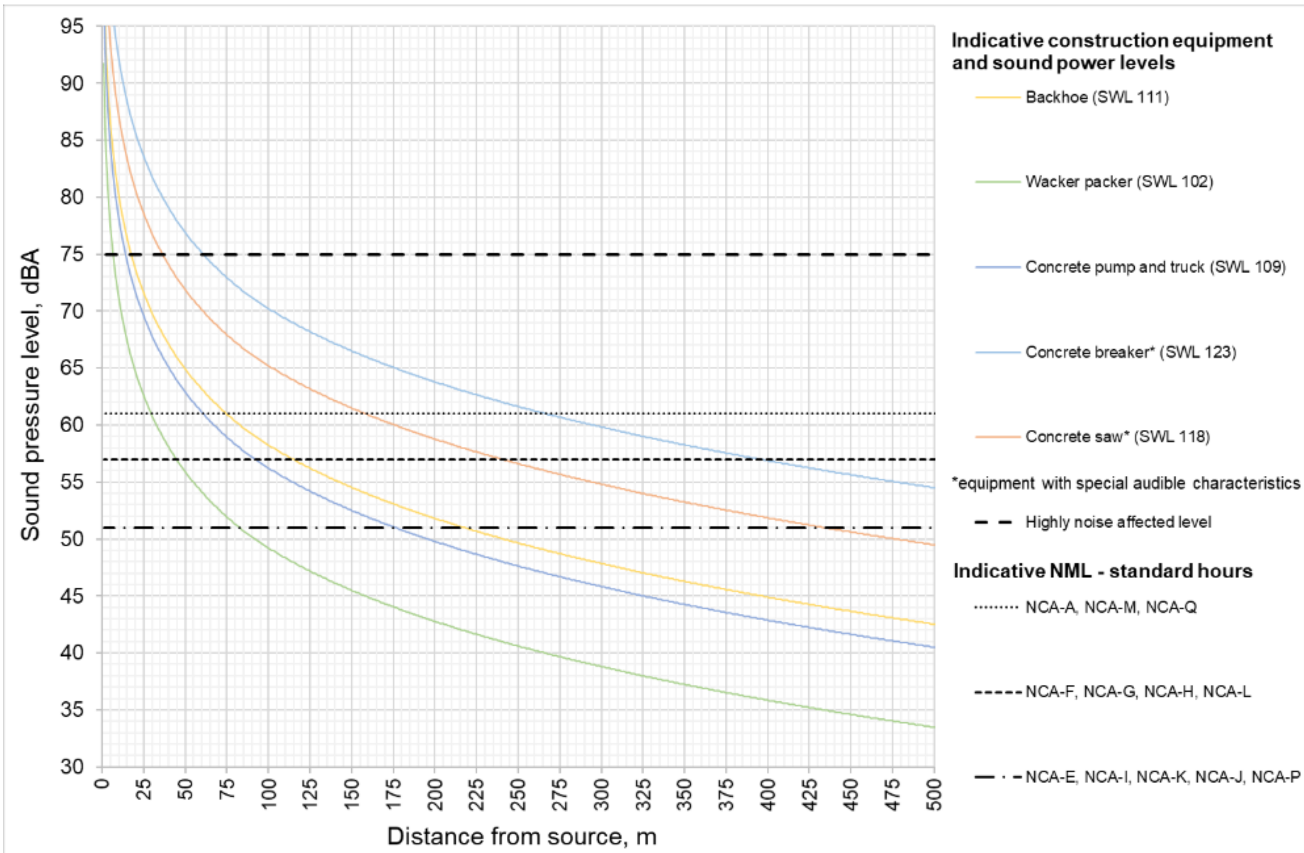

Figure 3.40 *L_{Aeq} noise levels at receivers – utility relocation works*

The impact distances where NMLs are predicted to be exceeded are listed in Table 3.27 for the various items of equipment associated with utility relocation works.

On typical streets, the nearest residences are generally at a distance of 15 metres to 30 metres from the road. At these distances, all construction equipment except for the wacker packer are anticipated to result in highly noise affected receivers. Noise intensive equipment such as the use of a rockbreaker or concrete saw is anticipated to result in the high noise levels at adjacent residences though would only be a temporary impact.

NMLs during the OOHW night period are in the region of 37 dBA (Melrose Park/West Ryde) to 50 dBA (Carter Street) depending on the RBL in the area. Based on a residential dwelling 25 metres away from construction works, noise levels could range from 63 dBA (wacker packer) to 84 dBA (rockbreaker). As such, exceedances of the night NML are predicted to be >20 dB.

Table 3.27 *Impact distances for various items of equipment during standard hours– utility works, metres*

Receiver type	NML, dBA	Distance where the NML would be exceeded, metres				
		Backhoe	Wacker packer	Concrete pump and truck	Rockbreaker*	Concrete saw*
Highly noise affected receivers	**75**	**19**	**8**	**16**	**62**	**38**
Urban residences – high RBLs	61	76	31	62	267	159
Suburban residences– moderate RBLs	57	115	46	93	395	241
Suburban residences – low RBLs	51	241	93	196	746	477

Note: 1. Rockbreaker and concrete saw would generally operate for 5 minutes out of a 15 minute period (-5 dB time correction) and would also include a +5 dB correction to account for special audible characteristics.

During construction, noise impacts associated with utility works would be of a temporary nature and would move progressively along the utility service corridor resulting in impacts at particular receivers for only a limited period of time.

To reduce the potential for noise impacts, the use of the following noise intensive equipment would be prioritised during ICNG recommended standard construction works, where possible:

– rockbreaker
– concrete saw.

3.4.5 Effectiveness of noise mitigation measures

Measures for reducing noise impacts from construction activities follow three main control strategies:

– first preference and most desirable – reducing the noise at the source
– second preference – reducing the noise in transmission (between source and receiver)
– third preference and least desirable – reducing the noise at the receiver.

The following sections present the justification for implementing at-source and in-transmission mitigation measures as recommended in the project specific mitigation measures presented in section 3.7.3, along with a discussion of the reasonableness or feasibility of the noise control type.

Reducing the noise at the receiver is not considered a reasonable mitigation measure due to temporary nature of construction noise and the number of receivers surrounding the project site.

Additional mitigation measures would be addressed in accordance with the CNVS and would apply for residual noise impacts, subsequent to the incorporation of reasonable and feasible mitigation measures. These additional mitigation measures are discussed in section 3.7.4.

3.4.5.1 Mitigation at the source

The relative effectiveness of various forms of noise control at the source are presented in Table 3.28.

Mitigation at the source should be considered as the most-effective mitigation option, where it is reasonable and feasible. Reducing the noise at the source benefits the greatest number of receivers as it reduces noise emission to the overall environment.

Table 3.28 Effectiveness of various forms of noise control at the source

Control by	Nominal noise reduction, dB	Mobile plant[1]		Stationary plant[2]	
		Discussion of effectiveness	Reasonable or feasible test	Discussion of effectiveness	Reasonable or feasible test
Alternative construction methodology	Normally 5 to 25 dB (depending on method).	Very effective, where feasible, e.g. less noise intensive piling methods or using hydraulic concrete shears in lieu of hammers/rockbreakers.	Considered reasonable. An alternative construction method may not always be feasible, depending on engineering requirements at each site.	Very effective, where feasible, e.g. use of an electric motor instead of diesel of petrol engine for compressors.	Considered reasonable and feasible, where possible.
Distance (first preference)	Approximately 6 for each doubling of distance.	Very effective when implemented.	Considered reasonable and feasible.	Very effective when implemented.	Considered reasonable and feasible.
Silencing/mufflers (second preference)	Normally 5 to 10 (maximum 20).	Very effective when implemented – expected reduction of up to 10 dB for mobile plant and trucks. Silenced jackhammers and rockbreakers can reduce noise levels by up to 10 dB to 15 dB.	Considered reasonable and feasible, where possible.	Compressors, pumps and generators can be selected include silencers, if appropriate.	Considered reasonable and feasible, where possible.
Screening (third preference, if required)	Normally 5 to 10 (maximum of 15).	Not generally possible and not effective for mobile plant within large construction areas during early construction works. Screening can be used once buildings have been erected.	Not considered feasible for mobile plant until buildings have been erected.	If screening is possible for stationary plant, screening can be very effective (e.g. concrete saws, generators, compressors etc.)	Considered reasonable if distance alone cannot provide sufficient attenuation.
Enclosure (fourth preference, if required)	Normally 15 to 25 (maximum 50).	Not generally possible and not effective for mobile plant.	Not considered feasible for mobile plant.	If possible and appropriate, enclosing stationary plant such as generators, pumps, compressors, transformers etc. can be very effective. Effectiveness of the enclosure would depend on the material and design of the enclosure.	Considered reasonable if distance alone cannot provide sufficient attenuation.

Note: 1. Mobile plant refers to equipment such as excavators, dump trucks, bulldozers, loaders, water carts etc. Stationary plant equipment such as refers to generators, compressors, pumps, A/C units etc.

3.4.5.2 Controls in transmission (path)

The relative effectiveness of various forms of noise control in transmission are presented in Table 3.29. Once at-source mitigation measures have been investigated, consideration would be given to controlling noise in transmission.

Table 3.29 Effectiveness of various forms of noise control at transmission

Control by	Nominal noise reduction, dB	Mobile plant		Stationary plant	
		Discussion of effectiveness	Reasonable or feasible test	Discussion of effectiveness	Reasonable or feasible test
Shield stationary noise sources such as pumps, compressors, fans etc.	Depends on the location of source and the receiver (normally 5 to 15).	Not applicable.	Not applicable.	Effective when it breaks the line of sight between the source and receiver. Not effective if it does not.	Considered reasonable and feasible, where possible.
Temporary noise barriers	Depends on the location of source and the receiver (normally 5 to 15).	Effective when it breaks the line of sight between the source and receiver. Not effective if it does not.	Considered reasonable and feasible for construction compounds and worksites in close proximity to residences.	Effective when it breaks the line of sight between the source and receiver. Not effective if it does not. Using distance, screening, enclosures, silencers are probably more appropriate and effective mitigation measures.	Considered reasonable and feasible where it can be used effectively.

3.4.6 Residual noise levels

The noise levels for works outside the primary project working hours and associated impacts without mitigation have been discussed in section 3.4.3 as the primary project working hours spans across all CNVS assessment periods.

Various forms of at-source and in-transmission mitigation measures would be implemented for the project depending on the specific activity to be undertaken and sensitivity of the time period that the works would occur (the effectiveness of various mitigation measures is discussed in section 3.4.5). Mitigation measures for individual construction activities would be refined during the design development process once a contractor has been selected.

At this stage, it is difficult to predict the reduction in noise levels at a receiver, subsequent to the incorporation of mitigation measures, as there are multiple variables that influence the expected quantity of noise reduction. This includes, but is not limited to:

– the distance between the source and the receiver
– the type of at-source mitigation applied for noise intensive equipment
– the location of the source and receiver relative to any screening objects
– the effectiveness of barriers depending on the height of the source and receiver.

Generally, the implementation of standard and project specific mitigation measures at the source and in transmission could reduce unmitigated noise levels by up to 25 dB. The CNVS additional mitigation measures would then apply for any residual noise impacts, once all reasonable and feasible mitigation measures have been implemented.

The assessment of residual noise levels assumes a 10 dB reduction in noise levels and is considered conservative as it is reasonable to assume that construction noise levels ($L_{Aeq(15min)}$ and L_{Amax}) would be reduced by a minimum of 10 dB, subsequent to the implementation of mitigation measures.

A summary of the total number of residual impacts predicted (collectively for all receiver types and NCAs) is presented in Table 3.30 for the following assessment periods:

– ICNG recommended standard hours
– OOHW Period 1 Day
– OOHW Period 1 Evening
– OOHW Period 2 Night
– when in use for non-residential receivers.

Table 3.11 presents the number of impacts based on unmitigated noise levels for reference.

Table 3.30 ***Summary of the total number of exceedances above the NML for each sub-scenario and assessment period – with mitigation***

Scenario	Scenario ID	Residential																	Non residential			
		Standard hours				Highly noise affected	OOHW Day				OOHW Evening				OOHW Night							
		No exceed.	< 10 dB	10 - 20 dB	>20 dB		No exceed.	< 10 dB	10 - 20 dB	>20 dB	No exceed.	< 10 dB	10 - 20 dB	>20 dB	No exceed.	< 10 dB	10 - 20 dB	>20 dB	No exceed.	< 10 dB	10 - 20 dB	>20 dB
Demolition, removal and clearing	S01.01	4412	119	28	6	**5**	4307	187	59	12	4257	220	74	14	3989	377	143	56	831	1	1	-
	S01.02	3905	425	174	61	**48**	3453	717	264	131	3292	802	312	159	2489	1231	542	303	809	19	4	1
	S01.03	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4565	-	-	-	828	5	-	-
Compounds (including clearing)	S02.01	4308	197	50	10	**6**	4117	313	109	26	4054	352	124	35	3439	768	263	95	820	6	4	3
	S02.02	4209	261	80	15	**13**	3969	400	155	41	3841	483	188	53	3065	1016	324	160	819	3	8	3
	S02.03	4369	155	33	8	**3**	4209	261	80	15	4148	293	99	25	3699	583	207	76	821	7	2	3
Spoil & ballast	S03.01	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4565	-	-	-	833	-	-	-
Substations	S04.01	4542	23	-	-	**-**	4521	42	2	-	4507	52	6	-	4435	99	30	1	832	-	1	-
	S04.02	4540	25	-	-	**-**	4519	44	2	-	4496	60	9	-	4412	120	31	2	832	-	1	-
Light rail track and public domain works (stabling and maintenance facility to Carter Street)	S05.01	3911	422	140	92	**17**	3606	565	230	164	3503	619	256	187	2785	968	516	296	784	34	9	6
	S05.02	3439	649	285	192	**184**	2862	958	462	283	2717	995	509	344	1985	1175	787	618	747	51	25	10
	S05.03	4049	311	152	53	**4**	3758	494	191	122	3644	544	210	167	3043	851	422	249	792	29	9	3
	S05.04	3526	606	250	183	**172**	2986	883	449	247	2857	929	483	296	2071	1208	717	569	753	47	25	8
	S05.05	3606	565	230	164	**165**	3120	791	422	232	2976	871	451	267	2167	1207	669	522	763	42	20	8
	S05.06	4049	311	152	53	**4**	3758	494	191	122	3644	544	210	167	3043	851	422	249	792	29	9	3
Modifications to existing stabling and maintentance facility	S06.01	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4565	-	-	-	833	-	-	-
	S06.02	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4565	-	-	-	833	-	-	-
	S06.03	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4565	-	-	-	832	1	-	-
	S06.04	4565	-	-	-	**-**	4565	-	-	-	4565	-	-	-	4565	-	-	-	833	-	-	-
Stops	S07.01	4417	113	32	3	**-**	4300	189	63	13	4246	223	74	22	3902	450	162	51	826	6	-	1
	S07.02	4393	130	35	7	**-**	4267	212	68	18	4204	253	83	25	3825	501	176	63	826	6	-	1
Bridges	S08.01	4459	83	23	-	**2**	4369	146	41	9	4330	174	45	16	4029	365	134	37	828	4	1	-
	S08.02	4078	338	112	37	**28**	3729	560	200	76	3599	635	235	96	2952	891	474	248	821	6	4	2
	S08.03	4471	74	20	-	**-**	4399	122	39	5	4359	152	42	12	4078	333	124	30	829	4	-	-
	S08.04	4459	83	23	-	**2**	4369	146	41	9	4330	174	45	16	4029	365	134	37	828	4	1	-
Roadworks and other pavement works	S09.01	3919	331	130	185	**181**	3609	490	235	231	3491	571	252	251	2855	915	405	390	766	42	17	8
	S09.02	3221	742	305	297	**257**	2704	981	454	426	2550	1031	512	472	1795	1180	856	734	709	61	41	22
	S09.03	3747	429	172	217	**199**	3312	691	287	275	3219	709	337	300	2501	1054	523	487	747	55	18	13
	S09.04	4058	206	78	142	**110**	3963	305	114	183	3889	356	124	196	3492	554	267	252	799	17	15	2

3.4.6.1 Works during primary project working hours

Assuming a conservative level of noise mitigation (10 dB) is applied at the source and path, the residual noise level results indicate that:

- Spoil and ballast recycling works would result in no impact at any receiver location during any assessment period.
- The modifications at the stabling and maintenance facility at Camellia would result in no impacts at residences during any assessment period.
- The construction of light rail stops would not result in any highly noise affected residences.
- A reduction in highly noise affected receivers is predicted during demolition works, compound site works, mainline trackworks, bridge works and roadworks.
- NML exceedances greater than 20 dB are predicted during demolition works, compound site works, mainline trackworks, bridge works and roadworks during the ICNG standard hours. During OOHW day and evening periods, the extent and number of impacts would increase due to the lower NML and the greatest number of impacts are predicted during the OOHW night period when the NML is the lowest. The actual works that would be undertaken during the OOHW night works would be minimal (generally setting up and mobilising) and high-noise generating equipment would be scheduled during the ICNG recommended standard hours, where possible.

The number of receivers predicted to receive noise levels below the NML increases by approximately 50 per cent for trackworks and roadworks and approximately 20 per cent for bridge works with the application of a conservative level of mitigation (10 dB assumed).Standard management and mitigation measures are provided in section 3.7.2 and project specific measures are provided in section 3.7.3 to reduce the potential for impacts at sensitive receivers.

As 10-20 dB and >20 dB NML exceedances are predicted (subsequent to implementing mitigation) during all construction scenarios except for construction works at the stabling and maintenance facility and spoil and ballast recycling, special attention would be given to the management of residual noise impacts. The CNVS additional mitigation measures would apply for any residual noise impacts, once all reasonable and feasible mitigation measures have been implemented and is discussed in further detail in section 3.7.4.

3.4.6.2 Works outside the primary project working construction hours – $L_{Aeq(15min)}$

To assess the likely impacts of works outside the primary project working construction hours, the sub-scenarios that have been identified as requiring night work (see Table 3.31) have been assessed against the OOHW night period as a worst-case (night period NMLs are the lowest). These works would not occur over the entire project area and would be limited to construction activities where there is a justification for OOHW night works (see Table 3.5).

The results indicate there would be 10-20 dB NML exceedances and >20 dB NML exceedances for trackworks (S05) and roadworks (S09) during the night period mostly where there are nearby residential areas. Trackworks and roadworks in Camellia would result in no NML exceedances given there is a minimum separation distance of 800 metres between the construction work area and the nearest residences in Rosehill and Rydalmere.

Demolition works at the former freight rail (Sandown) line, modifications to the stabling and maintenance facility at Camellia and spoil and ballast recycling works are predicted to result in no residual NML exceedances at the nearest residential receivers. The night works required at the bridge over Silverwater Road would result in NML exceedances of >20 dB, however is considered a short-term impact.

As background noise levels are higher during the OOHW day and OOHW evening periods (compared to the OOHW night period), impacts during OOHW day and evening periods would be lower. Consideration would be given to prioritising OOHW day and evening works before OOHW night works, where this is possible. Additionally, the use of noise intensive equipment would scheduled during the ICNG recommended standard hours, where possible. Table 3.31 provides a discussion of the potential noise impacts during the night period for each of the sub-scenarios. Activity specific Construction Noise and Vibration Impact Statements (CNVIS) would be developed for works during the night period with specific activity-based noise mitigation measures to minimise the potential for noise impacts during sensitive time periods.

Table 3.31 Works that would be required to be undertaken outside the primary project working construction hours

Scenario ID	Construction activity	Construction work area	Noise intensive equipment	Qualitative assessment of potential residual impacts
S01.03	Removal works at the Sandown Line	– Former freight rail (Sandown) line, Camellia	Rail saw	No exceedances predicted at any residences
S03.01	Spoil and ballast recycling	– Grand Avenue compound site, Camellia	Excavator	No exceedances predicted at any residences
S05.03	Concrete works	– Macquarie Street turnback facility, Parramatta CBD – South Street and John Street intersection, Rydalmere – Camellia (separation distance of 800 m between works and residences)	Mobile crane	NCA-A: No exceedances predicted at any residences given there is a 800 m separation distance between works and residences NCA-S: Most affected receivers would be commercial receivers near the construction work area where most of NML exceedances would be 10 - 20 dB. No NML exceedances or <10 dB exceedances are predicted at the nearest residences. NCA-E: 10-20 dB and >20 dB NML exceedances are predicted at residences adjacent to the South Street construction site. No NML exceedances are predicted at residences given there is a 800 m separation distance between trackworks in Camellia and nearest residences in Rydalmere The use of noise intensive equipment would be prioritised during ICNG recommended standard hours where possible, especially the use of the concrete saw.
S05.04	Trackworks		Rail saw, track laying machine, mobile crane	
S06.01	Earthworks	– Modification works at the stabling and maintenance facility	Excavator, vibratory roller	No exceedances predicted at any residences
S06.02	Concrete works (car park and track)		Mobile crane	
S06.03	Trackworks (track only)		Rail saw, ballast regulator, ballast tamper, track laying machine, excavator, mobile crane	
S08.03	Construction and installation	– Bridge over Silverwater Road	Mobile crane	NCA-E: 10-20 dB and >20 dB NML exceedances are predicted at residences adjacent to construction sites. The use of noise intensive equipment would be prioritised during ICNG recommended standard hours where possible

Scenario ID	Construction activity	Construction work area	Noise intensive equipment	Qualitative assessment of potential residual impacts
S09.03	Pavement works	– Minor kerb adjustments at Australia Avenue – Finishing works at Hill Road and Holker Street intersection	Asphalt milling machine	NCA-P and NCA-Q: Most affected receivers would be commercial receivers near the construction work area where most of NML exceedances would be 10-20 dB if they are operating during the night. Impacts at the nearest residences are predicted to be <10 dB or 10-20 dB given the large separation distance between the works and residential areas. NCA-A and NCA-E: No NML exceedances or minor exceedances are predicted at residences given there is a 800 m separation distance between roadworks in Camellia and nearest residences in Rosehill and Rydalmere.
S09.04	Signage and Line Marking		Line marking plant	

3.4.6.3 Potential sleep disturbance impact – L_{AFmax}

As primary project working hours are proposed to extend into the OOHW Night Period 2, a sleep disturbance screening assessment has been undertaken for all construction scenarios. The assessment is based on the worst-case assumption that high noise generating equipment would be used with maximum noise levels for each scenario are summarised in Table 3.8. Additionally, the assessment assumes a conservative 10 dB reduction (based on at-source and path mitigation measures being implemented).

The sleep disturbance screening level is used to identify receivers with the potential for sleep disturbance. Exceedances of this level do not always lead to sleep disturbance or sleep awakenings as there are several contributing factors when considering these impacts (discussed further in Appendix E-2).

The results of the sleep disturbance screening assessment are summarised in Table 3.32, which shows the predicted number of exceedances of the sleep disturbance screening level in each noise catchment area. The assessment is based on the worst-case assumption that high noise generating equipment would be used and assumes a conservative 10 dB reduction (based on at-source and path mitigation measures being implemented). The number of exceedances of the sleep disturbance criteria would be less than shown for the majority of the time, as high noise generating equipment would only be used for a relatively short duration.

Further investigation would be undertaken during the design development process to identify the likeliness of sleep disturbance based on number of events and duration of these works. The potential sleep disturbance impacts at receivers would be similar to those qualitatively discussed in Table 3.31.

The receivers with the potential to experience higher impacts are generally located in Rydalmere and Ermington (noise catchment areas E to J) where background noise levels are relatively low and residences are located close to the project site.

Table 3.32 Sleep disturbance screening assessment – number of residences exceeding the criteria per NCA

NCA	Suburb /area	Exceedances of the screening criteria				Worst construction scenario
		No exceedance	<10 dB	10 to 20 dB	> 20 dB	
A	Camellia and Rosehill	294	2	0	0	S09.02
E	Rydalmere suburban area 1	47	93	49	79	S09.02
F	Rydalmere suburban area 2	75	113	130	127	S09.02
G	North of Victoria Road	819	5	0	0	S08.02
H	Ermington suburban area 1	88	226	124	109	S08.02
I	Ermington suburban area 2	142	255	146	183	S09.02
J	Ermington and Melrose Park redevelopment area	40	55	32	26	S09.02
K	Melrose Park/West Ryde suburban area	244	239	73	31	S08.02
L	Wentworth Point (near ferry)	5	3	8	13	S09.02
M	Wentworth Point (east of Hill Road)	5	30	21	18	S05.04
P	Newington	413	48	0	0	S09.02
Q	Sydney Olympic Park centre	4	5	1	0	S09.02
R	Carter Street precinct	8	4	6	5	S09.02
S	Parramatta CBD	123	0	0	0	S09.02

3.4.7 Indicative residual noise impact map

The implementation of standard and project specific mitigation measures at the source and in transmission could reduce unmitigated noise levels by up to 25 dB. The CNVS additional mitigation measures would then apply for any residual noise impacts, once all reasonable and feasible mitigation measures have been implemented.

In order to provide indicative representation of required additional mitigation measures for the overall project, a 10 dB reduction in construction noise levels has been assumed to represent indicative residual noise levels.

The number of properties requiring mitigation for each construction activity would be determined for each applicable construction period prior to the commencement of construction works. Figure 3.41 shows the receivers requiring additional mitigation during the ICNG standard hours for any construction activity, including those that are highly noise affected. Figure 3.42 shows the required additional mitigation for all construction activities proposed during the OOHW night period.

3.4.8 Cumulative noise impacts – due to the project

Cumulative impacts due to various construction activities associated with the project occurring simultaneously would be dependent upon several factors, including:

a. the intensity and location of construction activities
b. the type of equipment used by the contractor
c. existing background noise levels
d. intervening local structures
e. the prevailing weather conditions.

The prediction of cumulative noise levels from more than one construction scenario operating close to another scenario within the project site is very complex due to the number of noise sources and possible locations for a particular combination of construction works.

The predicted noise levels provided in section 3.4 are considered to be a worst-case and would decrease as the construction activity moves away from the sensitive receiver. In the event of multiple construction activities happening simultaneously, it is estimated that the worst-case levels provided as part of this assessment would not be affected but may be audible at the receiver for a longer duration.

Given the number of work sites and compounds associated with project it is likely that receivers would, occasionally, be subject to potential cumulative noise impacts from work sites operating concurrently in the same area.

Legend

Project site

Additional mitigation measures (CNVS) [5349]

Highly noise affected - PN, V, SN [308]

Moderately/highly intrusive - PN, V [461]

No additional mitigation [4580]

Paper Size ISO A4

0 0.5 1

Kilometres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Indicative additional mitigation required at sensitive receivers during ICNG standard hours

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE 3.41

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE009_AdditionalMitigation_ICNGStandardHours
Print date: 28 Jun 2022 - 19:32

Data source: Metromap Tile Service: . Created by: Imanasan

Legend

Project site

Additional mitigation measures (CNVS) [5349]

Highly intrusive - PN, V, SN, RO, AA, RP, DR [439]

Clearly audible/moderately intrusive - PN, V, SN, RO, RP, DR [1535]

Noticeable - PN [560]

No additional mitigation [2815]

Paper Size ISO A4

0 0.5 1

Kilometres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Indicative additional mitigation required at sensitive receivers during OOHW night period

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE 3.42

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Print date: 28 Jun 2022 - 19:33

Data source: Metromap Tile Service: . Created by: Imanasan

3.4.9 Cumulative noise impacts – other major projects

The project is near several major projects that have either recently been constructed, are currently under construction or planned for construction as listed in Table 3.33. The majority of the projects below are State Significant Developments (SSD) unless otherwise noted.

There is potential for cumulative construction noise impacts should construction works associated with any of the major projects listed below occur concurrently with the project in the same area.

Table 3.33 Major developments near the project

Precinct	Major project	Development status as of October 2022
Parramatta	Parramatta Light Rail Stage 1	Approved 2018
	New Powerhouse Museum	Approved 2021
	Macquarie Street/Marsden Street – Mixed-use development	Approved 2020
	Private hospital and hotel	Preparing EIS
	Western Sydney University – Innovation Hub	Approved 2021
	GQ Parramatta – 12 Hassall Street, Parramatta	Response to Submissions
	Build to Rent 41-43 Hassall Street, Parramatta	Preparing EIS
	Parramatta Public & Arthur Phillip High School redevelopment	Approved 2018
Camellia	Camellia Waste Facility	Approved 2016
	James Hardie Research & Development Facility	Preparing EIS
	Viva Energy Clyde Western Area Remediation Project	Approved 2020
	Central Sydney Industrial Estate and Downer Resource Centre	Approved 2021
	Parramatta Light Rail Stage 1 stabling and maintenance facility	Approved 2018
Wentworth Point	Sydney Olympic Park new high school	Under Assessment
	Residential development at 14-16 Hill Road, Wentworth Point[1]	Approved 2019
	Residential development at 37-39 Hill Road, Wentworth Point[1]	Approved 2017
Sydney Olympic Park	Sydney Olympic Park Metro Station – Over and Adjacent Station Development	Prepare EIS
	Stadium Australia Redevelopment	Approved 2020
	Netball NSW Headquarters	Approved 2014
	Sydney Olympic Park – URBNSURF	Approved 2017
	NSW Rugby League Centre of Excellence	Approved 2018
	Residential Development, 1 & 2 Murray Rose Avenue	Approved 2019
	4 Murray Rose Avenue – Commercial Development	Approved 2017
	2A and 2B Australia Avenue – Sydney Olympic Park	Response to Submissions
	Sydney Olympic Park – Site 8C Commercial Development	Approved 2015
	Sydney Olympic Park – Site 9 Mixed Use Development	Approved 2015
	Sydney Olympic Park – Site 43-44 Mixed Use Development	Approved 2013
	Sydney Olympic Park – Site 67 Mixed Use Development	Approved 2015
	Sydney Olympic Park – Site 68 Mixed Use Development	Approved 2015
	Mixed Use Development – Sites 2A and 2B Sydney Olympic Park	Under Assessment
Carter Street precinct	4-6 Uhrig Road, Lidcombe[1]	Approved 2021
	11A – 13 Carter Street, Lidcombe[1]	Approved 2020

Note: 1. Local Council Development Application

Noise and Vibration Management Plans (NVMP) would be prepared for each individual development to minimise the potential for impacts to nearby sensitive receivers. Furthermore, consultation and coordination would be undertaken with other proponents or applications of other State Significant development and infrastructure works near the project. Reasonable steps would be taken to co-ordinate works to minimise cumulative impacts of noise and vibration and maximise respite for affected sensitive receivers.

Should various projects occur concurrently and/or consecutively within the same general locality, there is potential for 'construction fatigue' due the overall increase duration of noise impacts on sensitive receivers. Projects that may contribute to 'construction fatigue' are listed in Table 3.34 below along with a description of the most-affected sensitive receivers to these projects.

Table 3.34 Potential for construction fatigue due to consecutive projects

Area	Description of project	Most-affected sensitive receivers
Parramatta	– Parramatta Light Rail Stage 1 – New Powerhouse Museum	Sensitive receivers within the Parramatta CBD (mainly commercial and educational institutes)
Camellia	– Viva Energy Clyde Western Area Remediation Project – Central Sydney Industrial Estate and Downer Sustainable Road Resource Centre – Parramatta Light Rail stabling and maintenance facility – Various future projects associated with the Carter Street Precinct Master Plan	Sensitive receivers within Rosehill-Camellia
Melrose Park	– Various future projects associated Melrose Park North Precinct – Various future projects associated Melrose Park South Precinct	Mainly residential receivers within Ermington and Melrose Park
Wentworth Point	– Residential development at 14-16 Hill Road – Residential development at 37-39 Hill Road	Mainly residential (generally high-rise) and commercial receivers within Wentworth Point
Sydney Olympic Park	– Various approved projects and future projects associated with the Sydney Olympic Park Master Plan 2030	Mainly residential (generally high-rise) and commercial receivers within Sydney Olympic Park
Carter Street Precinct	– 4-6 Uhrig Road, Lidcombe – 11A – 13 Carter Street, Lidcombe – Various future projects associated with the Carter Street Precinct Master Plan	Mainly residential (generally high-rise) and commercial receivers within Lidcombe (Carter Street Precinct)

The potential cumulative construction impacts associated with the project and other major transport or development projects would be further considered during the design development phase, as construction methodologies are developed. Specific management and mitigation measures that would be implemented to address potential cumulative impacts would include consideration of:

– provision of regular updates to the detailed construction program, construction sites and haulage routes
– identification of key potential conflict points with other major construction projects
– developing mitigation strategies in order to manage conflicts. Depending on the nature of the conflict, this could involve:
  - adjustments to the project's construction program, work activities or construction traffic haulage routes; or adjustments to the program, activities or haulage routes of other construction projects
  - co-ordination of traffic management arrangements between major projects.

3.5 Construction vibration assessment

3.5.1 Safe working distances for vibration

Vibration is assessed based on the criteria in *Assessing Vibration: A Technical Guideline* (DEC, 2006). Vibration targets for structural damage are provided as screening levels where, if met, further investigation of structural integrity is required to be undertaken. Screening levels for damage to structures as well as human comfort responses are provided in section 3.2.3 as peak particle velocities (PPV).

Safe working distances for human comfort and damage to structures due to vibration intensive equipment are provided in CNVS and reproduced in Table 3.35.

The heritage buildings or structures identified in this assessment should not be assumed to be structurally unsound. Generally, the BS7385 vibration screening criteria for reinforced and unreinforced structures should apply for buildings, including items of heritage significance. The more stringent DIN4150-3 vibration screening criteria of 2.5 millimetres per second only applies to structures deemed to be structurally unsound, subsequent to inspection and investigation. As a conservative approach, the safe working distance to comply with the BS7385 screening criteria has been tripled to identify whether heritage structures near vibration intensive work sites require inspection prior to construction works.

Table 3.35 Vibration safe working distances

Equipment	Human comfort (AVTG guideline)	Damage to standard structures (BS 7385)	Damage to heritage structures (screening distance)
Vibratory roller (1-2 tonnes)	15 m to 20 m	5 m	15 m
Vibratory roller (2-4 tonnes)	20 m	6 m	18 m
Vibratory roller (4-6 tonnes)	40 m	12 m	36 m
Vibratory roller (7-13 tonnes)	100 m	15 m	45 m
Vibratory roller (13-18 tonnes)	100 m	20 m	60 m
Vibratory roller (>18 tonnes)	100 m	25 m	75 m
Small hydraulic hammer 300 kg (5-12t excavator)	7 m	2 m	4 m
Medium hydraulic hammer 900 kg (12-18t excavator)	23 m	7 m	14 m
Large hydraulic hammer 1600 kg (18-34t excavator)	73 m	22 m	66 m
Pile driver – Vibratory (sheet piles)	20 m	2 m to 20 m	6 m to 60 m
Piling rig – Bored (< 800 mm)	N/A	2 m (nominal)	6 m
Piling rig–Hammer (12t down force)	50 m	15 m	45 m
Jackhammer	Avoid contact with structure	1 m (nominal)	3 m

3.5.2 Vibration intensive equipment

The worst- case vibration intensive equipment proposed to be used during construction are identified in Table 3.36. The relevant construction sub-scenarios where each item would be used is also shown along with the adopted safe working distances.

Table 3.36 Vibration intensive equipment and safe working distances – sub-scenario specific

Equipment	Construction sub-scenarios with vibratory equipment	Human comfort (AVTG guideline)	Damage to standard structures (BS 7385)	Vibration screening distance for heritage structures
Impact piling rig	S08.02 – Bridges piling works	50 m	15 m	45 m
Vibratory roller (10-12 tonnes)	S02.01 – Site establishment of construction compounds S06.01 – Earthworks in the stabling and maintenance facility	100 m	15 m	45 m
Excavator with a breaker attachment	S01.02 – Demolition with breaker S05.02 – Track earthworks with breaker S07.02 – Excavation of stops with breaker S09.02 – Excavation in roadworks with breaker	73 m	22 m	66 m

3.5.3 Standard structures within safe working distances

Buildings that fall within the vibration safe working distances, as presented in Table 3.36, during any scenario requiring vibration intensive equipment have been identified. A total of 475 buildings across the study area fall within the area identified as exceeding the vibration screening level for damage to unreinforced structures with a majority of these within NCA-I in Ermington. Further, a total of 822 buildings across the study area fall within the safe working distance for human comfort.

Buildings have been assessed based on the assumption that they are lightweight (unreinforced) structures, however, based on similar building styles in the area, it is likely that most of the identified buildings in Camellia, Wentworth Point, Sydney Olympic Park and the Carter Street precinct would be reinforced structures. Dilapidation surveys would be required prior to construction works to confirm the structural integrity of the identified buildings and refine the vibration management levels based on the investigation.

All buildings identified as exceeding the screening criteria for structural damage and human comfort are shown on Figure 3.43 and Figure 3.44 respectively, along with the number of identified buildings per NCA.

Legend

Safe working distance for cosmetic damage to unreinforced buildings (BS 7385)

NCA-B [5]	NCA-I [127]	NCA-Q [21]	
NCA-C [16]	NCA-J [39]	NCA-R [12]	
NCA-E [71]	NCA-K [11]	NCA-S [14]	
NCA-F [65]	NCA-L [21]		
NCA-H [64]	NCA-M [9]		

Paper Size ISO A4

0 0.5 1

Kilometres

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

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Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Identified receivers within safe working distance for cosmetic damage to unreinforced buildings

Project No. **12557728**
Revision No. **-**
Date **24/06/2022**

FIGURE 3.43

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE011_IdentifiedReceivers_CosmeticDamage
Print date: 24 Jun 2022 - 11:42

Data source: Metromap Tile Service: . Created by: lmanasan

Legend

Safe working distance for human comfort (OH&E Vibration Guideline)

NCA-B [17]	NCA-I [231]
NCA-C [21]	NCA-J [56]
NCA-E [114]	NCA-K [39]
NCA-F [150]	NCA-L [16]
NCA-H [133]	NCA-M [19]
NCA-Q [32]	
NCA-R [22]	
NCA-S [32]	

Paper Size ISO A4

0 0.5 1

Kilometres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Identified receivers within safe working distance for human comfort to unreinforced buildings

Project No. **12557728**
Revision No. **-**
Date **01/04/2022**

FIGURE 3.44

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE012_IdentifiedReceivers_HumanComfort
Print date: 24 Jun 2022 - 11:43

Data source: Metromap Tile Service: . Created by: lmanasan

3.5.4 Heritage and sensitive infrastructure items within safe working distances

Built heritage items within 100 metres of the construction footprint are listed in section 2.2.2.2 and sensitive infrastructure items are listed in section 2.2.5.5. Heritage items and sensitive infrastructure that fall within the vibration screening distances (see Table 3.36) are presented in Table 3.37.

Table 3.37 Heritage items identified within the vibration screening distances

Equipment	Vibration screening distance for heritage structures	Construction activities with vibratory equipment	Heritage items identified within the vibration screening distance (including potential heritage items)	Sensitive infrastructure items within the vibration screening distance
Impact piling rig	45 m	S08.02 – Piling works at bridges	– None	– Rydalmere Wharf
Vibratory roller (10-12 tonnes)	45 m	S02.01 – Site establishment of construction compounds	– Bulla Cream Dairy (Willowmere) – Ermington Wharf – House at 46 John Street, Rydalmere	– Rydalmere Wharf – Ermington Boat Ramp
		S06.01 – Earthworks at the stabling and maintenance facility	– Tram Alignment, Camellia	– None
Excavator with a rockbreaker attachment	66 m	S01.02 – Demolition works with rockbreaker	– Bulla Cream Dairy (Willowmere) – House at 46 John Street, Rydalmere	– None
		S05.02 – Track earthworks with rockbreaker	– Bicentennial Square and adjoining buildings, Parramatta – Centennial Memorial Clock, Parramatta – Telstra house (former post office), Parramatta – Shop (and potential archaeological site), Parramatta – Horse parapet façade and potential archaeological site, Parramatta – Archaeological site and associated artifacts – Murrays' Building (and potential archaeological site), Parramatta – St John's Parish Hall, Parramatta – Tram alignment, Camellia – House at 46 John Street, Rydalmere – House at 69 South Street, Rydalmere – House at 71 South Street, Rydalmere – Bulla Cream Dairy (Willowmere), Ermington – House at 67 Boronia Street, Ermington – State Abattoir locality, Sydney Olympic Park	– Rydalmere Wharf – Olympic Park Station
		S07.02 – Excavation of stops with rockbreaker	– State Abattoir locality, Sydney Olympic Park	– Olympic Park Station

Equipment	Vibration screening distance for heritage structures	Construction activities with vibratory equipment	Heritage items identified within the vibration screening distance (including potential heritage items)	Sensitive infrastructure items within the vibration screening distance
		S09.02 – Excavation in roadworks with rockbreaker	– Telstra house (former post office), Parramatta – House, Parramatta – I655 – House, Parramatta – I656 – House, Parramatta – I652 – House, Parramatta – I654 – St John's Parish Hall, Parramatta – Sewage Pumping Station 67, Camellia – Pumping Station, Camellia – Bulla Cream Dairy (Willowmere), Ermington – Ermington Wharf, Melrose Park – State Abattoir locality, Sydney Olympic Park	– Rydalmere Wharf – Ermington Wharf – Sydney Olympic Park Wharf – Olympic Park Station

Prior to construction works, investigations would be undertaken at these buildings and structures (including a dilapidation survey) to determine if there are any buildings or structures within these sites that are structurally unsound. Should the structure be considered structurally unsound, the DIN-4150-3 vibration criteria would apply unless a structural engineer establishes an alternative vibration management level based on their investigation.

3.5.5 Potential archaeological deposits and resources

Two registered AHIMS sites and seven Aboriginal PADs are located within the project site and may contain subsurface Aboriginal objects (refer section 2.2.5.3). Five HAMUs with medium to high potential for State significant archaeology have also been mapped in the project site (refer section 2.2.5.4).

These sites, should they contain Aboriginal objects or archaeological resources located below the surface, have the potential to be directly (through direct contact with heavy machinery) or indirectly impacted (ground vibration causing damage to the item) by vibratory intensive works.

A test excavation program is proposed, prior to construction works, to confirm the presence of Aboriginal objects and non-Aboriginal archaeological resources and their sensitivity to vibratory equipment. As far as reasonably practical, direct and indirect impacts on items and sites of Aboriginal and non-Aboriginal heritage significance would be avoided and would be considered during the design development and construction planning phases of the project.

3.5.6 Buried pipework and remediation management infrastructure

There are a number key utilities located within the project site (described in Chapter 7 (Project description – construction) of the EIS), as well as buried infrastructure that forms part of remediation management infrastucture for remediated sites in Camellia and Sydney Olympic Park (described in Chapter 18 (Soils and contamination) of the EIS). Works near this pipework and infrastructure has the potential to cause impacts due to vibration.

Where utilities or remediation infrastructure are encountered which may be considered to be particularly sensitive to vibration, specific vibration goals should be determined on a case-by-case basis during the design development process. Generic vibration goals for cosmetic damage adopted from BS 7385 range from 50 mm/s ppv for plastic pipework to 100 mm/s ppv for steel pipework. Examples of this type of infrastructure would include:

– Water pipes
– Gas and fuel pipelines
– Fibre optic cables
– Ventilation pipework in the Parramatta Light Rail stabling and maintenance facility in Camellia and the leachate management system in Sydney Olympic Park

A conservative screening goal of 25 mm/s has been adopted to determine an appropriated safe working distance for buried pipework and remediated lands infrastructure. Based on the worst-case construction activity, being rockbreaking, the vibration goal could be exceeded within five metres of construction works.

It is anticipated that an acoustic consultant would be engaged by the construction contractor and would liaise with the structure or utility's owner in order to determine acceptable vibration levels to ensure no vibration impacts would occur during the construction period.

3.6 Construction road traffic noise

3.6.1 Key descriptors

The key noise metrics related to the modelling and assessment of road traffic noise during the construction period are presented in Table 3.38.

Table 3.38 Key airborne noise metrics – road traffic noise

Metric	Description
$L_{Aeq(15hour)}$	The $L_{Aeq(15hour)}$ represents the cumulative effects of all road traffic noise events occurring in the daytime period from 7am to 10pm.
$L_{Aeq(9hour)}$	The $L_{Aeq(9hour)}$ represents the cumulative effects of all road traffic noise events occurring in the night-time period from 10pm to 7am.
$L_{Aeq(1hour)}$	The busiest 1-hour 'energy average noise level'. The $L_{Aeq(1hour)}$ represents the typical L_{Aeq} noise level from all road traffic noise during the busiest 1-hour of the assessment period (day or night).
L_{AFMax}	The highest noise level in dBA measured during the specified time period and is measured using the 'fast' response setting on a sound level meter.

3.6.2 Modelling methodology

To assess noise impacts from construction traffic or a temporary reroute due to a road closure, an initial screening test has been undertaken to evaluate whether noise levels would increase by more than 2 dB. Where an increase is 2 dB or less, no further assessment is required. Where noise levels increase by more than 2 dB and noise levels exceed the controlling criterion, then mitigation strategies should be considered to reduce potential noise impacts.

The potential noise impacts from construction related traffic associated with the project have been assessed through a comparison of the estimated pre-construction traffic volumes (2025 volumes without the project) and the peak construction traffic volumes (2025 volumes with the project) along the surrounding road network. The 2025 traffic volumes are considered the most accurate data source for this assessment considerate of the indicative peak in the construction program (section 3.3.1) recent developments (section 2.2.4.2) and cumulative impacts (section 3.4.9) in the study area.

It has been assumed that the increase in noise level at sensitive receivers along major roads such as James Ruse Drive, Victoria Road and Silverwater Road would be negligible during the construction period due to the existing high traffic volumes along these arterial roads.

The pre-construction traffic volumes and during construction traffic volumes are presented in Appendix C-9 for both sub-arterial and local roads.

Calculations have been made using the CoRTN prediction method to estimate the increase in noise level at the nearest sensitive receivers to the impacted roads during the construction period. Where the increase is predicted to be greater than 2 dB, calculations have been undertaken to determine the noise level at the most-affected sensitive receivers and compared against the RNP controlling noise criteria for sub-arterial/collector roads and for local roads.

Note should be made that the traffic volumes used in this assessment are based on information from the current design phase of the project and are subject to change. Further investigation of construction traffic should be undertaken as the design, including traffic modelling of the road traffic network, progresses and the construction methodology is refined.

3.6.3 Screening assessment and impacts

The road traffic noise screening assessment is summarised in Table 3.39 for sub-arterial or collector roads and Table 3.40 for local roads, where the increase in noise level has been predicted for each section of road. Where a more than 2 dB increase has been predicted, the distance at which the RNP controlling noise criterion would also be exceeded has been included and whether any residences fall within that distance.

Where noise levels are predicted to increase by more than 2 dB, the increase in noise level has been shaded in blue.

Table 3.39 RNP screening assessment – sub-arterial and collector roads

Road	Road Section Start	Road Section End	Increase in noise level, dB		Distance where RNP criteria is exceeded, metres		Residences within this distance?
			Day	Night	Day	Night	
South Street	Park Road	John Street	0.1	0.3	-	-	-
South Street	John Street	Patricia Street	0.3	0.8	-	-	-
South Street	Patricia Street	Nowill Street	0.3	0.9	-	-	-
South Street	Nowill Street	Primrose Street	0.3	0.9	-	-	-
South Street	Primrose Street	Fallon Street	0.3	0.9	-	-	-
South Street	Fallon Street	Silverwater Road	0.3	0.9	-	-	-
South Street	Silverwater Road	River Road	1.6	3.5	8	12	Yes
Boronia Street	Spurway Street	Honor Street	0.1	0.2	-	-	-
Boronia Street	Honor Street	Trumble Avenue	0.1	0.2	-	-	-
Boronia Street	Trumble Avenue	Boyle Street	0.1	0.2	-	-	-
Boronia Street	Boyle Street	Murdoch Street	0.1	0.2	-	-	-
Boronia Street	Murdoch Street	Spofforth Street	0.1	0.2	-	-	-
Boronia Street	Spofforth Street	Trumper Street	0.1	0.2	-	-	-
Boronia Street	Trumper Street	Atkins Road	0.1	0.3	-	-	-
Atkins Road	Boronia Street	Hope Street	0.1	0.2	-	-	-
Hope Street	Atkins Road	Hughes Avenue	0.1	0.2	-	-	-
Hope Street	Hughes Avenue	Waratah Street	0.1	0.2	-	-	-
Hope Street	Waratah Street	Wharf Road	0.1	0.3	-	-	-
Wharf Road	Hope Road	Mary Street	0.3	0.9	-	-	-
Wharf Road	Mary Street	Andrew Street	0.3	0.8	-	-	-
Hill Road	Burroway Road	Nuvolari Place	0.2	0.4	-	-	-
Hill Road	Nuvolari Place	Baywater Drive	0.1	0.4	-	-	-
Hill Road	Baywater Drive	Stromboli Strait	0.1	0.3	-	-	-
Hill Road	Stromboli Strait	Bennelong Parkway	0.1	0.3	-	-	-
Hill Road	Bennelong Parkway	Holker Street	0.1	0.3	-	-	-
Spurway Street	Boronia Street	Tristram Street	0.3	0.7	-	-	-
Spurway Street	Tristram Street	Victoria Road	0.3	0.7	-	-	-
Atkins Road	Hope Street	Victoria Road	0.1	0.1	-	-	-
Hughes Avenue	Hope Street	Victoria Road	0.0	0.0	-	-	-

Road	Road Section Start	Road Section End	Increase in noise level, dB		Distance where RNP criteria is exceeded, metres		Residences within this distance?
Wharf Road	Hope Street	Victoria Road	0.4	1.0	-	-	-
Kevin Coombs Avenue	Australia Avenue	Old Hill Link	0.0	0.0	-	-	-
Old Hill Link	Edwin Flack Avenue	Hill Road	0.0	0.0	-	-	-

Table 3.40 RNP screening assessment – local roads

Road	Road Section Start	Road Section End	Increase in noise level, dB		Distance where RNP criteria is exceeded, metres		Residences within this distance?
			Day	Night	Day	Night	
Grand Avenue	James Ruse Drive	ALDI Access	0.7	0.7	-	-	-
Grand Avenue	ALDI Access	Durham Street	1.1	1.1	-	-	-
Grand Avenue	Durham Street	Thackeray Street	2.8	2.9	68	170	No
Holker Busway	Holker Street	Kevin Coombs Avenue	22.9	20.7	32	53	No
Australia Avenue	Kevin Coombs Avenue	Grand Parade	0.6	0.4	-	-	-
Australia Avenue	Grand Parade	Murray Rose Avenue	0.6	0.4	-	-	-
Australia Avenue	Murray Rose Avenue	Dawn Fraser Avenue	0.5	0.3	-	-	-
Australia Avenue	Dawn Fraser Avenue	Parkview Drive	0.4	0.3	-	-	-
Dawn Fraser Avenue	Australia Avenue	Park Street	2.2	1.4	59	130	No
Dawn Fraser Avenue	Park Street	Showground Road	1.4	0.9	-	-	-
Dawn Fraser Avenue	Showground Road	Olympic Boulevard	1.0	0.6	-	-	-
Dawn Fraser Avenue	Olympic Boulevard	Edwin Flack Avenue	0.1	0.1	-	-	-
Uhrig Road	Edwin Flack Avenue	Carter Street	0.3	0.3	-	-	-
Access Road	Uhrig Road	M4 Motorway	0.2	0.2	-	-	-
John Street	South Street	Antoine Street	3.7	3.9	21	52	Yes
John Street	Victoria Road	Gladys Street	0.0	0.0	-	-	-
Fallon Street	South Street	John Street	3.4	3.5	11	26	Yes
Fallon Street	Primrose Avenue	South Street	3.5	3.7	11	26	Yes
Primrose Avenue	South Street	John Street	2.3	2.4	18	45	Yes
Primrose Avenue	Victoria Road	South Street	1.5	1.6	-	-	-
River Road	Lindsay Avenue	South Street	0.5	0.6	-	-	-
River Road	South Street	Victoria Road	0.4	0.4	-	-	-
Hilder Road	Lindsay Avenue	Tristram Street	1.4	1.5	-	-	-
Hilder Road	Tristram Street	Coffey Street	2.1	2.3	27	64	Yes

The results indicate the RNP criteria for sub-arterial and collector roads is predicted to be exceeded at South Street (Silverwater Road to River Road) during the construction period. This section of road would eventually form part of the bridge construction work area and would be permanently closed to allow for the bridge over Silverwater Road.

The RNP criteria for local roads is predicted to be exceeded along the following sections of road:

– John Street – South Street to Antione Street
– Fallon Street – South Street to John Street
– Fallon Street – Primrose Avenue to South Street
– Primrose Avenue – South Street to John Street
– Hilder Road – Tristram Street to Coffey Street.

3.6.4 Sleep disturbance assessment

Sleep disturbance impacts associated with construction traffic are generally associated with maximum noise events due to compression braking and heavy vehicle pass-bys. Existing traffic on all construction haulage routes listed in the section above would include heavy vehicles use on these roads, although local roads would have significantly less heavy vehicle use than sub-arterial and collector roads.

The absolute L_{AFMax} noise level at residences due to heavy vehicle pass-bys or engine braking would not likely change as a result of additional construction related traffic using public roads, however the frequency of these events would increase during the construction period. The roads where the frequency of maximum noise events associated with heavy vehicles on public roads may double or more during the construction period have been identified as:

– collector roads: South Street, Wharf Road, Hill Road
– local roads: Dawn Fraser Avenue, John Street, Fallon Street, Hilder Road.

3.6.5 Efficacy of mitigation measures

The options to reduce noise impacts at sensitive receivers associated with increase of heavy vehicles use on public roads are limited, as the proponent generally has little control over public roads. Also, the use of noise barriers are not considered reasonable or feasible as the impacts are temporary and residents would require access to their driveways on the affected local roads (e.g. Fallon Street, Primrose Avenue and Hilder Road).

Based on a speed limit of 50 kilometres per hour, the reduction of construction related vehicle speeds would reduce the construction related vehicle noise levels by:

– no change for five kilometre per hour reduction
– approximately 1 dB reduction for 10 kilometre per hour reduction
– approximately 2 dB reduction for 15 kilometre per hour reduction.

Potential noise impacts would be managed through management measures that would be confirmed during the construction planning process. These measures would include, but are not limited to:

– Haulage routes would use existing major/arterial roads and sub-arterial/collector roads, where possible before using local roads.
– As far as practicable, heavy vehicle movements would be restricted to standard construction hours on haulage routes that are near to sensitive receivers.
– Traffic management plans and site inductions would cover instruction for operation of vehicles entering and leaving the sites, in order to minimise noise. It is recommended that planned truck marshalling areas, where required, be located away from residences in order to minimise noise impacts from trucks idling nearby.
– Traffic speeds would be reduced to a maximum 40 kilometres per hour and the use of compression brakes should be limited along all collector and local roads in Rydalmere, Ermington and Melrose Park.

3.7 Construction noise and vibration mitigation measures

3.7.1 Approach

The ICNG acknowledges that due to the nature of construction projects in urban areas it is inevitable that there would be noise impacts near construction sites. The NMLs have been established in accordance with the ICNG to represent the level at which there may be some community reaction to noise. Where the predicted or measured noise level is greater than the NML, the proponent would apply all feasible and reasonable work practices to meet the noise affected level and 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.

Where the highly noise affected level is exceeded, respite periods (restricting the hours that very noisy activities would occur) may be required. When scheduling respite periods, the following should be taken into account:

- times identified by the community when they are less sensitive to noise (such as before and after school) for works near schools, mid-morning or mid-afternoon for works near residences
- if the community is prepared to accept a longer period of construction in exchange for restrictions on construction time.

For works outside the ICNG recommended standard hours:

- A strong justification would be required for these works.
- The proponent should apply all feasible and reasonable works practices to meet the NML.
- Where all feasible and reasonable practices have been applied and noise is more than 5 dB above the NML, the proponent should negotiate with the community.

A Construction Environmental Management Plan (CEMP) would be prepared during the design development process and implemented through all construction activities. A Noise and Vibration Management Plan (NVMP) would be included in the CEMP to provide the framework for the management and mitigation of potential construction noise and vibration impacts.

Potential impacts would be managed in accordance with the CNVS, which aims to manage noise levels through reasonable and feasible measures. The CNVS provides a process for the development of site or activity specific Construction Noise and Vibration Impact Statements (CNVIS), standard mitigation measures and additional mitigation measures to be implemented based on NMLs.

3.7.2 CNVS standard mitigation measures

The CNVS outlines standard management and mitigation measures in section 8.1 that '*shall be applied to mitigate noise and vibration impact where reasonable and feasible'*. These measures would apply to all construction works associated with the project, and can be categorised into management measures, source mitigation measures and path mitigation measures as summarised in Table 3.41. Details of these measures are provided in Appendix F-5.

Table 3.41 CNVS standard management and mitigation measures

Management measures	Source mitigation measures	Path mitigation measures
– Implementation of any project specific mitigation measures required – Implement stakeholder consultation measures – Register of noise and vibration sensitive receivers – Construction hours and scheduling – Construction respite period – Site inductions – Behavioural practices – Monitoring – Attended vibration measurements – Update Construction Environmental Management Plans – Building condition surveys.	– Plan worksites and activities to minimise noise and vibration – Equipment selection – Consideration of allowable noise levels when renting plant and equipment – Use and siting of plant – Non-tonal reversing alarms – Minimise disturbance arising from delivery of goods to construction sites – Construction related traffic – Silencers on mobile plant – Prefabrication of materials off-site – Engine compression brakes.	– Shield stationary noise sources such as pumps,compressors, fans etc. – Shield sensitive receivers from noisy activities.

All construction works associated with the project would implement these mitigation and management measures, where reasonable and feasible. The responsibility of the use of these measures would fall with the construction contractor and the determination of applicability would be required prior to construction in the development of any NVMP.

3.7.3 Project specific mitigation measures

Project specific management and mitigation measures have been recommended based on the analysis of predicted impacts and would be implemented to reduce the number of potentially impacted receivers. Table 3.42 provides details of the project specific mitigation measures and Table 3.43 provides details of the project specific management measures.

Table 3.42 Recommended project specific mitigation measures

Mitigation measure	Details of the measure	Applicable construction scenario
Compound hoarding	A minimum of 2.4 metre high solid hoarding would be provided around construction compounds located close to residential areas where construction noise is predicted to exceed noise management levels during recommended standard hours, including these compounds currently proposed near sensitive receivers on/around: – John Street – Broadoaks Park – Ken Newman Park west and east – Hope Street – Wharf Road – Wentworth Point north – Hill Road north – Dawn Fraser Avenue east and west The hoarding should be constructed of a material with a minimum surface density of 12 kg/m3 and gaps along its surface should be minimised or avoided.	S02

Mitigation measure	Details of the measure	Applicable construction scenario
Alternative construction methodologies	Alternative construction methodologies and measures would be explored and implemented where they are reasonable and feasible. This would include the following techniques that have been effective on previous major infrastructure projects: – The use of alternative piling methodologies that generate less noise. For example, bored piling should replace impact and vibratory piling methods where feasible. – The use of hydraulic concrete shears instead of rockbreakers. – During demolition works, sequencing works to shield sensitive receivers by retaining building wall elements. – Modifying demolition work sequencing and construction hours to minimise impacts during peak pedestrian times and outdoor activity periods. – The use of portable noise barriers around particularly high-noise generating activities such as concrete saws. – Where feasible, use electric motors in preference to diesel or petrol engine for compressors.	All
Mitigation at source/silencers	Where it is feasible, at-source noise mitigation methods would be implemented to reduce the noise emission, including: – Should impact piling be required, a resilient pad (dolly) would be incorporated between the pile and the hammerhead. – Should rock breaking be required in within 200 metres of residences, a silencer attachment would be attached to the rockbreaker to reduce noise emission. – Exhaust silencers would be fitted on mobile plant (e.g. dozers, compactors, cranes, dump trucks, excavators, graders, loaders etc.). – Engines on compressors/generators would include an exhaust silencer at construction compounds in close proximity to residences. The compressor/generator would be acoustically dampened. – Low noise air conditioning units would be used at construction compounds.	All
Screening using structures/site sheds	Compound layouts are unknown at this stage. The layout would be planned to use structures and site sheds as screening between noise sources and sensitive receivers, where possible.	S02
Use lower vibration generating items for excavation plant and equipment	Use smaller capacity rockbreakers or concrete crushers/pulverisers instead of larger rockbreakers, where possible.	S01, S02, S05, S06, S07, S08 and S09

Table 3.43 Recommended project specific management measures

Management measure	Details of the measure	Applicable construction scenario
Development of a NVMP	A Noise and Vibration Management Plan would be prepared as part of the CEMP and implemented during construction. The plan would detail processes, responsibilities and measures to manage noise and vibration and minimise the potential for impacts during construction, aligned with the results of community consultation and the management approach and mitigation measures in *Construction Noise and Vibration Strategy* (Transport for NSW, 2019). A land use survey would be undertaken prior to the NVMP to ensure all sensitive receivers in the study area are captured at the time of construction.	All
Construction Noise and Vibration Impact Statements	Location and activity specific construction noise and vibration assessments would be undertaken: – prior to works with the potential to generate noise levels above 75 dBA and/or exceed relevant human response and cosmetic damage criteria for vibration – prior to works that need to occur outside the primary project working hours – where any changes to heavy vehicle routes affect local roads not considered by the noise and vibration assessment in this report. The results of the assessments would be documented in construction noise and vibration impact statements. Where potential exceedances are identified, the statements would define feasible and reasonable mitigation and management measures, developed in accordance with the *Construction Noise and Vibration Strategy* (Transport for NSW, 2019a). The measures would be implemented for the duration of the activity.	All
Community engagement	The community would be engaged to determine their preference and priority for mitigation and management of noise and vibration impacts. Non-residential sensitive receivers (e.g. commercial, schools, places of worship etc.) would also be engaged to understand periods in which they are more sensitive to impacts.	All
Stakeholder engagement	The scheduling of construction works would consider major events at Rosehill Gardens Racecourse and at Sydney Olympic Park. The relevant stakeholders and operators would be consulted to minimise disruptions due to construction activities during major events. The scheduling of construction works would also consider business owners and schools within the Parramatta CBD, Melrose Park, Wentworth Point and Sydney Olympic Park to minimise disruptions.	All
OOHW Protocol	An out-of-hours work protocol would be developed to define the process for considering, approving and managing out-of-hours work that is not regulated by an environment protection licence. The protocol would include implementing feasible and reasonable measures and communication requirements in accordance with the *Construction Noise and Vibration Strategy* (Transport for NSW, 2019a). Measures would focus on pro-active communication and engagement with potentially affected receivers, provision of respite periods and/or alternative accommodation for defined exceedance levels.	S01, S02, S03, S05, S06, S08 and S09
Construction activities with special audible characteristics	Construction activities with special audible characteristics (high noise impact, intensive vibration, impulsive or tonal noise emissions as defined in the CNVS) would be scheduled during the ICNG recommended standard construction hours, where reasonable and feasible. If the works cannot be completed during the ICNG recommended standard hours, the hierarchy of OOHW (See section 3.7.6) would be considered before night works.	All

Management measure	Details of the measure	Applicable construction scenario
Respite periods	Appropriate respite periods would be identified, in consultation with the community and in accordance with the *Construction Noise and Vibration Strategy* (Transport for NSW, 2019a), for work: – with the potential to result in noise levels above 75 dBA – that need to occur outside the primary project working hours. – when determining appropriate respite, the following would be taken into account: – the need to efficiently undertake construction – the communities' preferred noise and vibration management approach – the construction schedules of other major projects in close proximity to the project works.	Where highly noise affected receivers are identified (i.e. S01, S03, S05, S07, S08 and S09)
Respite weekend periods	Where construction activities are predicted to exceed noise management levels at sensitive receivers, no work would be permitted in that area one weekend per month, unless it is otherwise agreed by a substantial majority of the sensitive receivers most impacted by the proposed works.	All
Cumulative noise impacts	The potential for cumulative construction impacts would be reviewed during construction planning in consultation with the proponents of other projects. Where the potential for cumulative impacts is identified, feasible and reasonable mitigation and management measures would be developed and included in the noise and vibration management plan.	All
Vibration sensitive receivers	A survey would be undertaken to identify vibration sensitive receivers (including buildings, structures, utilities, remediated lands infrastructure, heritage items or sites and equipment) within 200 metres of the project site. Vibration criteria would be identified based relevant standards or manufacturer data for vibration sensitive equipment. Where vibration criteria are not available for vibration sensitive equipment, generic vibration curves (VC) curves as published in *Generic Vibration Criteria for Vibration-Sensitive Equipment* (Gordon, 1999) may be adopted as vibration objectives. Appropriate measures would be developed and implemented where the potential for exceedances of the criteria are identified.	S01, S02, S05, S06, S07, S08 and S09
Minimisation of vibration impacts	Vibration generating activities would be managed to minimise the potential for impacts on structures, heritage items and sensitive receivers, including maximising minimum working distances or adopting alternate methods to minimise vibration where minimum working distances cannot be achieved (i.e. potential for damage). Prior to the commencement of vibration-intensive works within the minimum working distances for cosmetic damage, the potential for impacts from alternate methods would be assessed. This would include a more detailed assessment of potentially affected structures to assess their susceptibility to damage from vibration. Where there is potential for damage, alternate methods that generate less vibration would be investigated and substituted where feasible and reasonable. For heritage items, the more detailed assessment would consider the sensitivities of the heritage structure in consultation with a heritage specialist to ensure susceptible heritage fabric is adequately monitored and managed. Where residual risks remain, vibration monitoring would be undertaken. Vibration monitors would provide real-time notification of exceedances of levels approaching cosmetic damage. Any identified vibration-related damage to the items would be rectified, including as recommended by a heritage specialist for heritage items.	S01, S02, S05, S06, S07, S08 and S09

Management measure	Details of the measure	Applicable construction scenario
Dilapidation surveys	Where structures are predicted to exceed the screening criteria for structural damage to buildings or structures, a dilapidation survey would be undertaken prior to any construction works, where appropriate. Where required, the vibration management level for the building would be refined based on the type and condition the of building or structure. For heritage buildings and structures, the surveys would consider the heritage value of the structure in consultation with a structural engineer.	S01, S02, S05, S06, S07, S08 and S09
Potential vibration impacts to archaeological sites	Mitigation measures to avoid direct and indirect impacts to potential or identified archaeological sites are provided in Technical Paper 4 (Preliminary Aboriginal Cultural Heritage Assessment Report) and Technical Paper 6 (Historical Archaeological Assessment), including: – consultation with the Aboriginal community to gain a better understanding of potential archaeological deposits – test excavation program for both Aboriginal and non-Aboriginal archaeology – detailed design and construction planning would avoid direct impacts on confirmed items/sites of archaeological significance, as far as reasonably practicable. To reduce vibration impacts to potential or identified archaeological sites, the following measures would be considered: – where possible, vibratory intensive would be avoided within 66 metres of potential archaeological sites – alternate methods that generate less vibration would be investigated and substitute, where reasonable and feasible – vibratory plant size would be reduced.	S05 and S09
Traffic noise	A Noise and Vibration Management Plan would be developed and would include measures to manage road traffic noise during construction including, but not limited to, the following: – Haulage routes should use existing major/arterial roads and sub-arterial/collector roads, where possible before using local roads. – As far as practicable, heavy vehicle movements should be restricted to standard construction hours on haulage routes that are near to sensitive receivers. – The traffic management plan and site inductions should cover instruction for operation of vehicles entering and leaving the sites in order to minimise noise. It is recommended that planned truck marshalling areas, where required, be located away from residences in order to minimise noise impacts from trucks idling nearby. – Traffic speeds should be reduced to a maximum 40 kilometres per hour and the use of compression brakes should be limited along all collector and local roads in Rydalmere, Ermington and Melrose Park.	All
Early implementation of operational treatments	Consideration would be given to implementing building treatments required to mitigate noise associated with minimising operational noise impacts (i.e. from light rail vehicles and/or road traffic noise) as early as possible in the construction program to reduce construction noise impacts, where reasonable and feasible.	All

3.7.4 Additional mitigation measures to manage residual impacts

The implementation of the CNVS standard mitigation measures and project specific mitigation measures outlined above are anticipated to reduce predicted noise levels at surrounding sensitive receivers. However, residual impacts are still predicted. The CNVS provides additional mitigation measures to manage these residual impacts.

To determine the level of mitigation required, the additional mitigation measures matrix listed in Table 9 of the CNVS and provided below in Table 3.41 (noise) and Table 3.42 (vibration) should be applied to the residual noise and vibration levels for all applicable time periods. The details of each additional mitigation measure are provided in Appendix F-6. The required additional measures should be determined for each scenario and location prior to construction in the development of the NVMP.

The additional mitigation measures are summarised below and explained in detail in Appendix F-6:

– **PN** – Periodic Notification
– **V** – Verification monitoring
– **SN** – Specific Notification
– **RO** – Respite Offer
– **AA** – Alternative Accommodation
– **AC** – Alternative Construction methodology
– **RP** – Respite Period
– **DR** – Duration Reduction.

Table 3.44 Additional mitigation measure matrix for noise impacts (Table 9 of the CNVS)

Construction hours	Receiver perception	dBA above RBL	dBA above NML	Additional mitigation measures[1]
Standard hours	Noticeable	5 to 10	0	-
	Clearly audible	> 10 to 20	< 10	-
	Moderately intrusive	> 20 to 30	> 10 to 20	PN, V
	Highly intrusive	> 30	> 20	PN, V
	75 dBA or greater	NA	NA	PN, V, SN
OOHW Period 1	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	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, RP, DR

Notes: 1. Additional mitigation measure abbreviations explained in detail in Appendix F-6
2. DR and RP are only applicable for OOHW Evening
3. RO are only applicable for evening hours during OOHW Period 2.

Table 3.45 Additional mitigation measure matrix for vibration impacts (Table 11 of the CNVS)

Constructionhours	Receiver perception	above VML	Additional management measures[4]
Standard hours	Human disturbance	> HVML	PN, V, RO
	Building damage	> DVML	V, AC
OOHW Period 1	Human disturbance	> HVML	PN, V, SN, RO, RP, DR
	Building damage	> DVML	V, AC
OOHW Period 2	Human disturbance	> HVML	PN, V, SN, RO, AA, RP, DR
	Building damage	> DVML	V, AC

Notes: 1. VML refers to vibration management level
2. HMVL is the vibration management level for human disturbance
3. DVML is the vibration management level for cosmetic damage to building or structures
4. Additional mitigation measure abbreviations explained in detail in Appendix F-6.

3.7.5 Hierarchy of works outside the ICNG recommended standard hours

Where works are outside the ICNG recommended standard hours are required, the hierarchy of working hours provided shown in Figure 3.45 would be considered in order to minimise impacts:

1. Saturday afternoon periods between 1pm and 6pm (OOHW Period 1 Day)
2. Sunday and public holiday day periods between 8am and 6pm (OOHW Period 1 Day)
3. Weekday evening periods between 6pm and 7pm (OOHW Period 1 Evening)
4. Weekend evening periods between 6pm and 7pm (Saturdays OOHW Period 1 Evening/Sundays OOHW Period 2)
5. Weekday evening periods between 7pm and 10pm (OOHW Period 1 Evening)
6. Weekend evening periods between 7pm and 10pm (Saturdays OOHW Period 1 Evening/Sundays OOHW Period 2)
7. Weekend night periods between 10pm and 8am (OOHW Period 2)
8. Work during the weekday evening and night and scheduling the noisiest work first (between 6pm and 10pm) to minimise sleep disturbance impacts in the night period between 10pm and 7am) (OOHW Period 1 Evening & OOHW Period 2)
9. All other times outside recommended standard hours

Figure 3.45 Hierarchy of OOHW periods

The hierarchy should be considered and followed wherever feasible to do so, however does not restrict work where reasonable justification can be made to complete works during more stringent OOHW periods.

Note should be made that based on the outcomes of the community consultation, the feedback from the community would take preference over the hierarchy of OOHW periods (e.g. if a shorter construction program duration is preferred from the community).

3.7.6 OOHW protocol

Where work is not regulated by an environment protection licence, an out-of-hours work protocol would be prepared to identify the process for considering, managing and approving work outside the primary project working hours (section 3.3.3 for the justification of works outside the primary project working hours). The protocol would be developed once a construction contractor has been selected and would reference the requirements in the CNVS. Some works would be required to be undertaken outside of the primary project working construction hours for safety reasons or to minimise impacts to the road or utilities network

A protocol for out-of-hours works (OOHW) is required to provide guidance for determining the noise levels and potential impacts on acoustic amenity for construction activities that are required to be undertaken outside of the primary project working construction hours. The OOHW protocol would also detail the consultation requirements and approval process to be followed prior to undertaking these works. The approval pathway is determined on a risk-based approach on a case-by-case basis considering the extent and duration of impacts on sensitive receivers. Depending on the risk of the works, an appropriate environmental representative would be assigned to approve the works and the mitigation measures required to reduce the potential impacts.

The protocol would include the following items as a minimum:

– the applicable legislative requirements
– the specification of NMLs applicable to OOHW
– justification of the OOHWs
– details of how to prepare a OOHW application
– the assessment of the potential noise and vibration impacts
– identification of appropriate mitigation measures to be implemented
– procedures for undertaking consultation with the affected community and relevant stakeholders
– procedures for community notifications
– details of the project Environmental Representative (ER)
– details on when monitoring and auditing is required to be completed
– details of how complaints are to be recorded and managed
– details of how non-compliances would be managed and reported.

The OOHW protocol would form part of the NVMP for the project which would be developed as further information is made available regarding the detailed construction methodologies.

3.7.7 Incorporation of receiver feedback

3.7.7.1 Parramatta Light Rail Stage 1 consultation

Transport for NSW carried out extensive stakeholder and community consultation as part of the EIS for Parramatta Light Rail Stage 1, which was placed on public exhibition from 23 August 2017 to 23 October 2017. The public exhibition was supported by a program of community and stakeholder engagement activities designed to raise awareness, provide information and answer questions raised by both stakeholder and community members.

During the EIS exhibition period for Parramatta Light Rail Stage 1, a total of 1,267 issues were raised via the various engagement activities from the community and stakeholders where 12 per cent of issues were related to environmental impacts with noise and vibration during construction being a key issue. Where relevant and possible, this receiver feedback has been used to inform the mitigation and management measures in this assessment.

3.7.7.2 Parramatta Light Rail Stage 2 engagement

As part of the social impact and outcomes survey (November 2021 to January 2022), a total of 277 survey respondents provided 474 suggestions for the type of measures they wish to see put in place to mitigate potential construction impacts. The most common suggestions were:

- hours of operation:
  - limiting night-time works and the use of noisy machinery
  - undertake drilling during the daytime
  - capitalising on school holiday periods when less people are around
  - planning for heavy vehicle movement to not coincide with peak traffic periods
- noise and vibration measures:
  - implementation of strategies to assist affected residences
  - noise management plans
  - sound barriers and soundproof walls
  - restricting works that generate noise and vibration at night and weekends
  - for project construction to move at a faster pace
  - regular noise level assessments by the type of work
  - providing rebates for property owners who install double glazed glass to mitigate noise.

Feedback from participants in the Hay Your Say survey (May 2022 to July 2022) indicated concern associated with noise from evening and night-time works along with a preference for project construction to move at a faster pace. In particular, evening and night works were identified as a concern (46 per cent of responses) for the Carter Street precinct, Wentworth Point, and Sydney Olympic Park when compared to Rydalmere, Melrose Park, Ermington (38 per cent of responses).

Transport for NSW issued surveys (September to October 2022) to about 7,000 properties located along the project site to understand the community's preference for project-specific mitigation and management measures to reduce potential impacts. The survey results of 257 respondents found:

- 81 per cent would recommend ongoing monitoring and reporting of noise levels to assist with noise mitigation
- 92 per cent would recommend either installation of noise barriers of use of "at source noise measures" such as using smaller or less noisy equipment
- 63 per cent would recommend seeking community agreements to determine the duration of construction works
- 62 per cent would recommend either identified respite periods and minimum respite days or consultation with the community to determine local working hours and respite periods
- 60 per cent would recommend early use of operational controls such as permanent noise walls and property treatments.

Where relevant and possible, the feedback from respondents and receivers has been considered in the selection of mitigation measures for the project and would continue to be considered as the design development and construction planning progresses.

4. Operational noise and vibration

Potential operational impacts have been assessed considering the following:

– airborne noise generated by the operation of the light rail vehicles
– operational road traffic noise impacts, including noise generated by vehicles crossing over rail tracks
– ground-borne noise and vibration generated by the operation of the light rail vehicles
– airborne noise associated with the operation of fixed facilities, being the stabling and maintenance facility, traction power substations and light rail stops.

The assessment of noise and vibration impacts associated with the light rail vehicles along the Stage 2 alignment has been separated into two main assessments, being:

– The Stage 2 track between the Sandown Boulevard stop in Camellia and the Carter Street stop in Lidcombe. Detailed modelling has been undertaken to predict noise and vibration levels at sensitive receivers adjacent to the track in section 4.1 and section 4.2.
– The Stage 1 section of track between the Sandown Boulevard stop and the Macquarie Street turnback facility that would be used by Stage 2 light rail vehicles and the operation of the Macquarie Street turnback facility.

4.1 Alignment between Sandown Boulevard stop to Carter Street stop (airborne noise)

4.1.1 Overview of railway operations noise sources and key descriptors

This assessment has assumed the light rail vehicles that would be used during operation would be consistent with the light rail vehicle fleet operating on the Stage 1 network. The primary source of airborne noise from light rail vehicles is at the wheel interface where the wheel, bogies, rail and rail support system cause vibration and creates airborne noise.

The speed of the light rail vehicle, the condition of the wheel and rail, the light rail vehicle length, the number of light rail vehicle pass-by events and the design of the light rail vehicle and track influence the airborne noise emitted to the environment. The noise level experienced at a receiver location is largely dependent on the distance from the track to the receiver and the level of acoustic shielding provided by intervening ground terrain or structures, such as buildings and barriers.

Other noise sources associated with light rail vehicles include auxiliary systems on the roof of the light rail vehicle (air conditioning units and power converters) and the use of warning bells. Noise from vehicles crossing over the light rail tracks at intersections has also been considered in this section.

The key noise metrics related to the modelling and assessment of airborne noise from light rail vehicles are presented in Table 3.41.

Table 4.1 Key airborne noise metrics – operation

Metric	Description
$L_{Amax,95\%}$	The 'typical maximum noise level' for a train pass-by event. In rail noise assessments, LAmax refers to the maximum noise level not exceeded for 95% of rail pass-by events and is measured using the 'fast' response setting on a sound level meter.
$L_{Aeq(15hour)}$	The $L_{Aeq(15hour)}$ represents the cumulative effects of all the train noise events occurring in the daytime period from 7am to 10pm.
$L_{Aeq(9hour)}$	The $L_{Aeq(9hour)}$ represents the cumulative effects of all the train noise events occurring in the night-time period from 10pm to 7am.
$L_{Aeq(1hour)}$	The busiest 1-hour 'energy average noise level'. The $L_{Aeq(1hour)}$ represents the typical L_{Aeq} noise level from all the train noise events during the busiest 1-hour of the assessment period.

Metric	Description
L_{AE} or SEL	The 'Sound Exposure Level', which is used to indicate the total acoustic energy of an individual noise event. This parameter is used in the calculation of Laeq values from individual noise events.
L_{AFMax}	The highest noise level in dBA measured during the specified time period and is measured using the 'fast' response setting on a sound level meter.

4.1.2 Light rail vehicle operational noise trigger levels

A summary of the operational noise trigger levels for the assessment of the light rail vehicles is presented in Table 4.2 and is based on guidance from the RING. Commercial premises (e.g. public buildings, exhibition areas, cafes, bars, retail shops, offices and restaurants) do not require assessment under the requirements of the RING, however an assessment noise goal of $L_{Aeq(1hour)}$ 60 dBA has been adopted to identify any potential noise impacts to these receivers. Further details regarding the derivation of the light rail vehicle operational noise trigger levels are provided in Appendix E-3.

Where the project results in rail noise levels exceeding the noise trigger levels, the noise assessment is to identify mitigation measures with the objective of reducing airborne noise, to below the trigger levels, where feasible and reasonable. The RING requires noise to be assessed at project opening and for a future design year typically taken to be ten years after opening. For this project the two timeframes assessed are the at-opening scenario in 2030 and a future scenario based on forecasts for operations in 2040.

Table 4.2 Airborne light rail vehicle noise trigger levels – RING

Sensitive land use	Day	Night
Residential, mixed-use developments and hotels	60 $L_{Aeq(15\ hour)}$ and 80 L_{Amax}	50 $L_{Aeq(9\ hour)}$ and 80 L_{Amax}
Schools, educational institutions and child care centres	40 $L_{Aeq(1hour)}$ internal or 50 $L_{Aeq(1hour)}$ external (when in use)	
Places of worship	40 $L_{Aeq(1hour)}$ internal or 50 $L_{Aeq(1hour)}$ external (when in use)	
Open space – passive use	60 $L_{Aeq(15\ hour)}$ external (when in use)	
Open space – active use	65 $L_{Aeq(15\ hour)}$ external (when in use)	

4.1.3 Methodology overview

Noise modelling was undertaken using SoundPLAN 8.2 to predict the effects of light rail traffic noise during operation. The *Nordic Prediction Method for train noise* (Ringheim, 1996) was used for modelling L_{Aeq} and L_{Amax} noise levels and is consistent with the prediction method used for Stage 1.

The design of the project, the buildings adjacent to the light rail track and the local ground terrain were digitised to develop a 3D representation of the project and the study area. The modelling includes the contribution of noise from the light rail vehicles, noise diffracting around buildings and barriers and noise reflecting off nearby buildings.

A summary of the modelling methodology is presented below and is discussed in further detail in Appendix C-3:

– Determined representative light rail vehicle noise levels for the project consistent with the Parramatta Light Rail Stage 1.
– Determined representative speeds for the light rail vehicles on the up and down track based on the speed profile from the Sandown Boulevard stop to the Carter Street stop. The modelled light rail vehicle speeds for the up and down track are shown in Figure 4.1 below and shown in detail in Appendix C-3. The speed profile assumes 14 stops and is considered a more conservative assessment than the potential for 16 stops. A minimum speed of 20 kilometres per hour has been used and is considered conservative as noise from auxiliary systems are anticipated to be the dominant noise source at speeds of 20 kilometres per hour and below.

– The application of at-source noise corrections to account for the following:
  - rail surface discontinuities (crossovers and turnouts)
  - structure-radiated noise from rail bridges
  - wheel squeal and flanging noise at curves.

These corrections are shown in Figure 4.2 below and are described in detail in Appendix C-3. Note should be made that the primary source of noise from light rail is at the wheel and rail interface as a result of surface roughness on the wheel and or rail track, where the degree of surface irregularities has a proportional effect on the airborne noise generated. As the maintenance of the wheel and rail track surface conditions would influence the noise performance of the system, it is integral that the light rail vehicle wheel and rail roughness conditions would be maintained to prevent excess noise, as assumed in this assessment.

Figure 4.1 Modelled light rail vehicle speeds (Sandown Boulevard stop to Carter Street stop)

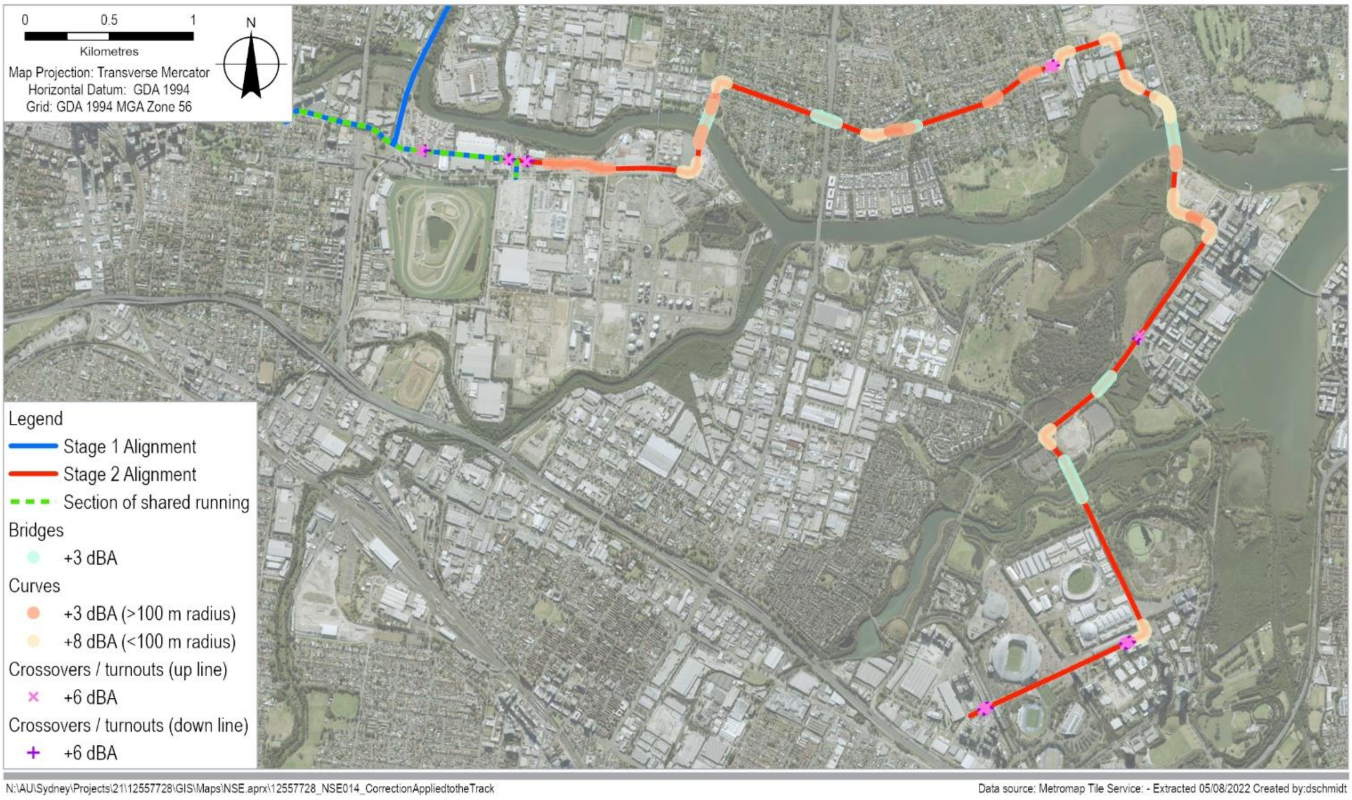

Figure 4.2 Corrections applied to the track (Sandown Boulevard stop to Carter Street stop)

4.1.3.1 Light rail vehicle service frequency

Light rail services for the up and down track would be consistent with the servicing requirements for Parramatta Light Rail Stage 1, commencing at 5am and operating until 1am. The operational noise assessment of light rail vehicle operations requires the consideration of the frequency of light rail vehicle movements during the day (7am to 10pm) and night (10pm to 7am) periods, as well as the peak one-hour period. The frequency of light rail vehicle movements is presented in Table 4.3 and the light rail vehicle volumes used in the noise model are presented in Appendix C-3.

Note should be made that the up and down track between the Macquarie Street turnback facility and the stabling and maintenance facility at Camellia would be shared by both the Stage 1 and Stage 2 light rail vehicles. As such, the light rail vehicle volumes along this section are anticipated to be double that of the remainder of the Parramatta Light Rail Stage 2 track. The noise model includes the section of track between the Sandown Boulevard and Carter Street stops. The potential for increase in noise and vibration impacts from the section of track between the Macquarie Street turnback facility and the Sandown Boulevard stop (existing Stage 1 track) due to the increase in frequency of light rail vehicle movements associated with Stage 2 is assessed separately in section 4.3.1.

Table 4.3 Light rail vehicle service frequency (minutes)

Service	Time	Service frequency (minutes)	
		At-opening (2030)	10 years after opening (2040)
Early morning	5am to 7am	10	10
AM peak	7am to 9am	7.5	6
Inter-peak	9am to 4pm	7.5	7.5
PM peak	4pm to 7pm	7.5	6
Evening	7pm to 11pm	10	10
Night	11pm to 1am	15	15

4.1.4 Predicted light rail vehicle airborne noise levels

Detailed noise modelling has been undertaken using SoundPLAN 8.2 to calculate noise levels at all sensitive receivers within 150 metres of the nearest track as receivers outside of this distance are predicted to receive noise levels well below the noise trigger levels. The purpose of modelling light rail vehicle operations is to compare the predicted noise levels with the airborne noise trigger levels in Table 4.2 and identify areas where additional mitigation measures need to be considered.

Noise levels have been calculated for all floors and facades of sensitive receivers and include a +2.5 dB correction to account for façade reflection. No façade corrections have been applied to open area receivers modelled at 1.5 metres above ground level. An assessment of airborne light rail vehicle rail noise levels has been undertaken for the opening (2030) and future scenarios (2040) for the project.

Calculated $L_{Aeq(9hr)}$, $L_{Aeq(15hr)}$, $L_{Aeq(1hr)}$ and $L_{Amax,95\%}$ noise levels at each sensitive receiver are provided in Appendix G-4. Noise levels have been calculated for all floors and facades and the noise levels for the worst-case floor and façade are presented. Noise contour plots of the predicted $L_{Aeq(9hr)}$, $L_{Amax,95\%}$ and $L_{Aeq(1hour)}$ noise levels are provided in Appendix G-1, Appendix G-2 and Appendix G-3, respectively.

4.1.4.1 Noise impacts at residential land uses

A scatter plot of the $L_{Aeq(15hour)}$ noise levels, $L_{Aeq(9hour)}$ noise levels and $L_{AMax(95\%)}$ noise levels at residences are presented in Figure 4.3, Figure 4.4 and Figure 4.5, respectively (based on the 2040 future scenario where light rail vehicle volumes are at their maximum as a worst-case).

The values shown in blue are residences that are predicted to experience noise levels below the relevant trigger level, and value shown in orange are residences that are predicted to experience noise levels above the relevant trigger level.

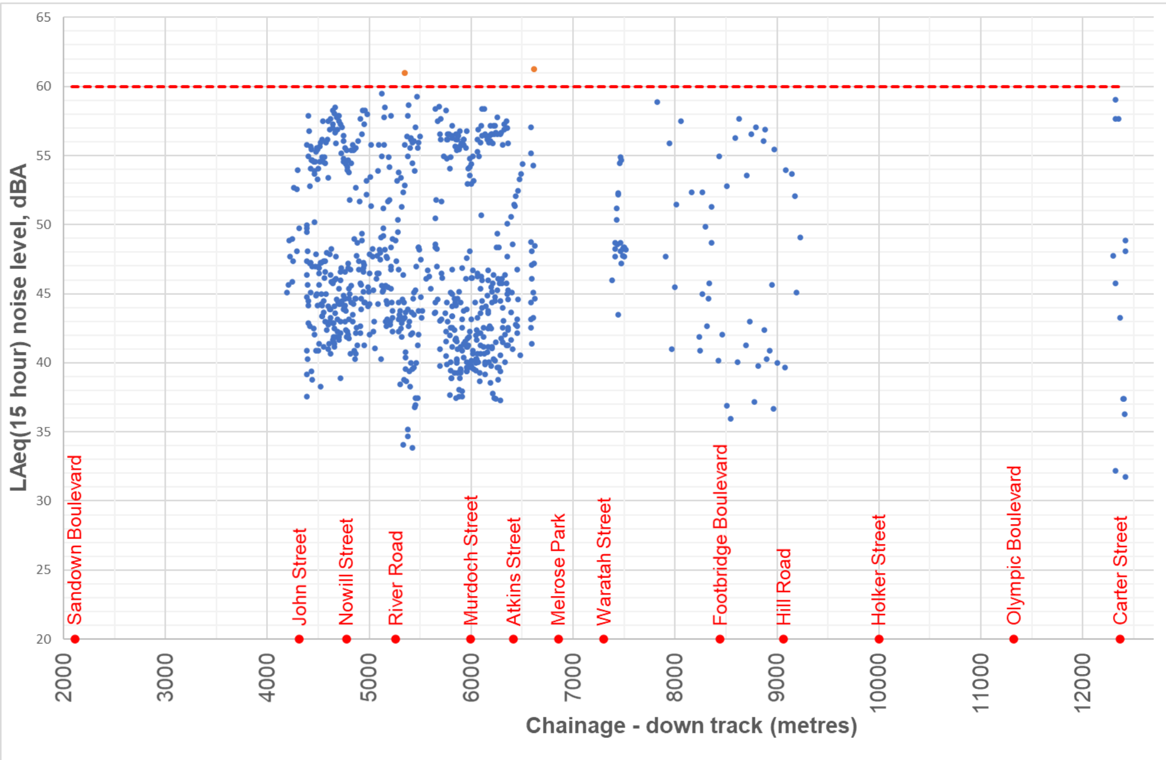

Figure 4.3 $L_{Aeq(15hour)}$ noise levels at residences – 2040 future scenario

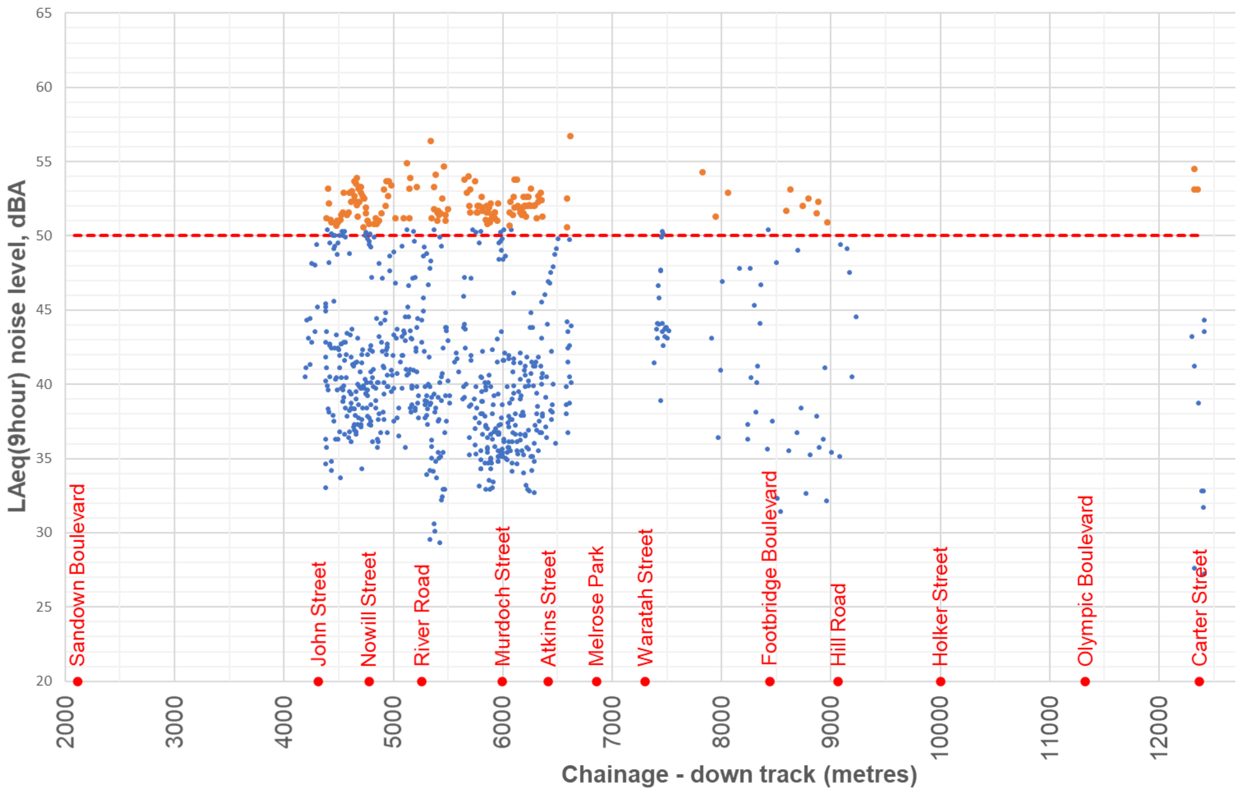

Figure 4.4 $L_{Aeq(9hour)}$ ***noise levels at residences – 2040 future scenario***

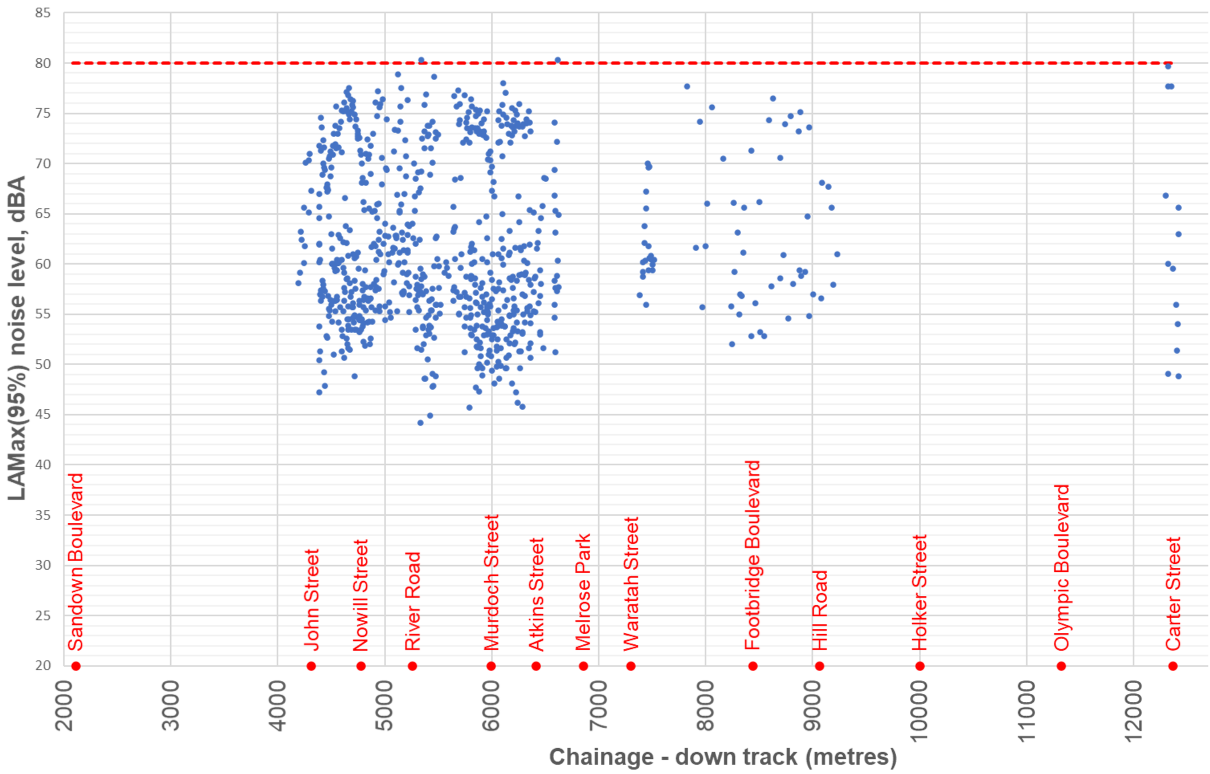

Figure 4.5 $L_{AMax(95\%)}$ ***noise levels at residences – 2040 future scenario***

A summary of the range of predicted operational noise levels for each NCA along with the number of receivers identified as receiving noise levels above the relevant trigger level is presented in Table 4.4. Exceedances of the trigger levels have been shaded in blue.

Receivers would qualify for mitigation under the following cases:

- $L_{Aeq(15hour)}$ 60 dBA **and** $L_{max(95\%)}$ 80 dBA noise trigger levels are exceeded; or
- $L_{Aeq(9hour)}$ 50 dBA **and** $L_{max(95\%)}$ 80 dBA noise trigger levels are exceeded.

The noise modelling results indicate that no residential receivers have been identified as qualifying for mitigation consideration as $L_{max(95\%)}$ 80 dBA noise levels are not exceeded at any residential receiver location.

Table 4.4 Summary of operational noise levels from light rail vehicles at residences

NCA	Day – $L_{Aeq(15hr)}$		Night – $L_{Aeq(9hr–}$		Max – $L_{AMax(95\%)}$		Receivers qualifying for mitigation
	Range	Receivers above 60 dBA	Range	Receivers above 50 dBA	Range	Receivers above 80 dBA	
E	38 - 58	0	33 - 53	14	47 - 76	0	0
F	39 - 58	0	34 - 54	35	49 - 78	0	0
H	34 - 61	1	29 - 56	21	44 - 80	0	0
I	37 - 60	0	33 - 55	63	46 - 79	0	0
J	41 - 61	1	36 - 57	3	51 - 80	0	0
K	43 - 55	0	39 - 50	0	56 - 70	0	0
L	41 - 59	0	36 - 54	3	52 - 78	0	0
M	36 - 58	0	31 - 53	7	53 - 77	0	0
R	32 - 59	0	27 - 55	3	49 - 80	0	0
All	**32 - 61**	**2**	**27 - 57**	**149**	**44 - 80**	**0**	**0**

4.1.4.2 Noise impacts at non-residential receivers

Noise levels have been predicted to non-residential receivers within the study area. The noise modelling results presented in Table 4.5 indicate the following (exceedances of the adopted trigger levels are shaded in blue):

- Noise levels at all educational institutes, active recreation areas and passive recreations areas are predicted to be below the noise trigger levels.
- Noise levels at the Novotel Sydney Olympic Park (hotel – Q055), Ibis Budget, Sydney Olympic Park (hotel – Q057) are predicted to be above the $L_{Aeq(9hour)}$ noise trigger level of 50 dBA. However, $L_{Amax(95\%)}$ noise levels are predicted to be below 80 dBA and as such, these receivers do not qualify for mitigation.
- The $L_{Aeq(1hour)}$ 60 dBA adopted noise goal for commercial buildings is predicted to be exceeded at two buildings, namely:
  - NSW Rugby League Centre, Sydney Olympic Park (Q012)
  - retail/office buildings at 4 Dawn Fraser Avenue Sydney Olympic Park (Q023).

Commercial receivers do not qualify for noise mitigation consideration under the requirements of the RING. As such, no mitigation has been recommended for commercial receivers that are predicted to experience noise levels above $L_{Aeq(1hour)}$ 60 dBA, when assessed externally.

Table 4.5 Summary of operational noise levels from light rail vehicles at other sensitive land uses

NCA	Trigger level	Day – $L_{Aeq(15hr)}$/When in use $L_{Aeq(1hr)}$		Night – $L_{Aeq(9hr–}$		Max – $L_{AMax(95\%)}$		Receivers qualifying for mitigation
		Range	Exceed.	Range	Exceed.	Range	Exceed.	
Educational institute	$L_{Aeq(1hr)}$ 50 dBA	38 - 48	0	-	-	-	-	0
Active recreation	$L_{Aeq(1hr)}$ 65 dBA	26 - 54	0	-	-	-	-	0
Industrial	N/A	36 - 72	0	-	-	-	-	N/A

NCA	Trigger level	Day – $L_{Aeq(15hr)}$/When in use $L_{Aeq(1hr)}$		Night – $L_{Aeq(9hr}$–		Max – $L_{AMax(95\%)}$		Receivers qualifying for mitigation
		Range	Exceed.	Range	Exceed.	Range	Exceed.	
Commercial	$L_{Aeq(1hr)}$ 60 dBA	34 - 64	2	-	-	-	-	N/A
Hotel	$L_{Aeq(15hr)}$ 60 dBA $L_{Aeq(9hr)}$ 50 dBA	43 - 59	0	38 - 53	2	53 - 76	0	0
Mixed use	$L_{Aeq(15hr)}$ 60 dBA $L_{Aeq(9hr)}$ 50 dBA	30 - 48	0	38 - 43	0	39 - 61	0	0

4.1.5 Consideration of future rezoning and master plans

4.1.5.1 Developments in urban growth areas

Developments approved prior to the date of the project should be considered as the design progresses once detailed plans for these developments are known. Where information has been made available, approved developments adjacent to the project have been included in the noise modelling. Where the project is predicted to result in noise levels that exceed the RING noise trigger levels, then the project would be required to investigate potential mitigation options.

Developments approved subsequent to the approval of the project and adjacent to the future light rail alignment would be required to consider noise and vibration mitigation at their development through the use of appropriate acoustic design measures. Development for any of the following purposes on land adjacent the light rail would be required to take the *Development near rail corridors and busy roads – interim guideline* (DoP, 2008) into account before development under Clause 87 to the Transport and Infrastructure SEPP where the consent authority considers development is likely to be adversely affected by rail noise or vibration:

– building for residential use
– a place of public worship
– a hospital
– an educational establishment or childcare centre.

Additionally, residential developments would be required to ensure the following internal noise levels defined in the Clause 87 of the Transport and Infrastructure SEPP can be met:

– in any bedroom in the residential accommodation – 35 dBA at any time between 10pm and 7am
– anywhere else in the residential accommodation (other than a garage, kitchen, bathroom or hallway) – 40 dBA at any time.

4.1.5.2 Operational noise contours at Camellia town centre and Melrose Park

The $L_{Aeq(9\ hour)}$ and $L_{AMax(95\%)}$ operational noise contours have been provided in Figure 4.6 and Figure 4.7 for the areas adjacent to the light rail alignment where future urban growth areas have been identified, namely:

– Camellia town centre
– Melrose Park North and South precincts.

These future growth areas would generally consist of mixed-use land, including high-rise residential buildings, open spaces, commercial buildings and educational institutes.

The presented noise contours are based on the following assumptions:

– $L_{Aeq(9hour)}$ and $L_{max(95\%)}$ noise contours are shown as receivers qualifying for mitigation and are generally controlled by the $L_{Aeq(9hour)}$ and L_{max} trigger levels
– noise contours are at 4.5 metres above ground level (generally representative of the worst-case storey for a multi-storey development)
– noise contours include a +2.5 dBA correction to account for façade-reflection.

Based on the results of the modelling, the following conclusions can be made:

– the $L_{Aeq(9\ hour)}$ and $L_{AMax(95\%)}$ residential noise trigger levels are predicted to be exceeded at a distance of approximately 25 metres from the nearest rail track at the Camellia town centre
– the $L_{Aeq(9\ hour)}$ and $L_{AMax(95\%)}$ residential noise trigger levels are predicted to be exceeded at a distance of up to 25 metres from the nearest rail track at Melrose Park.

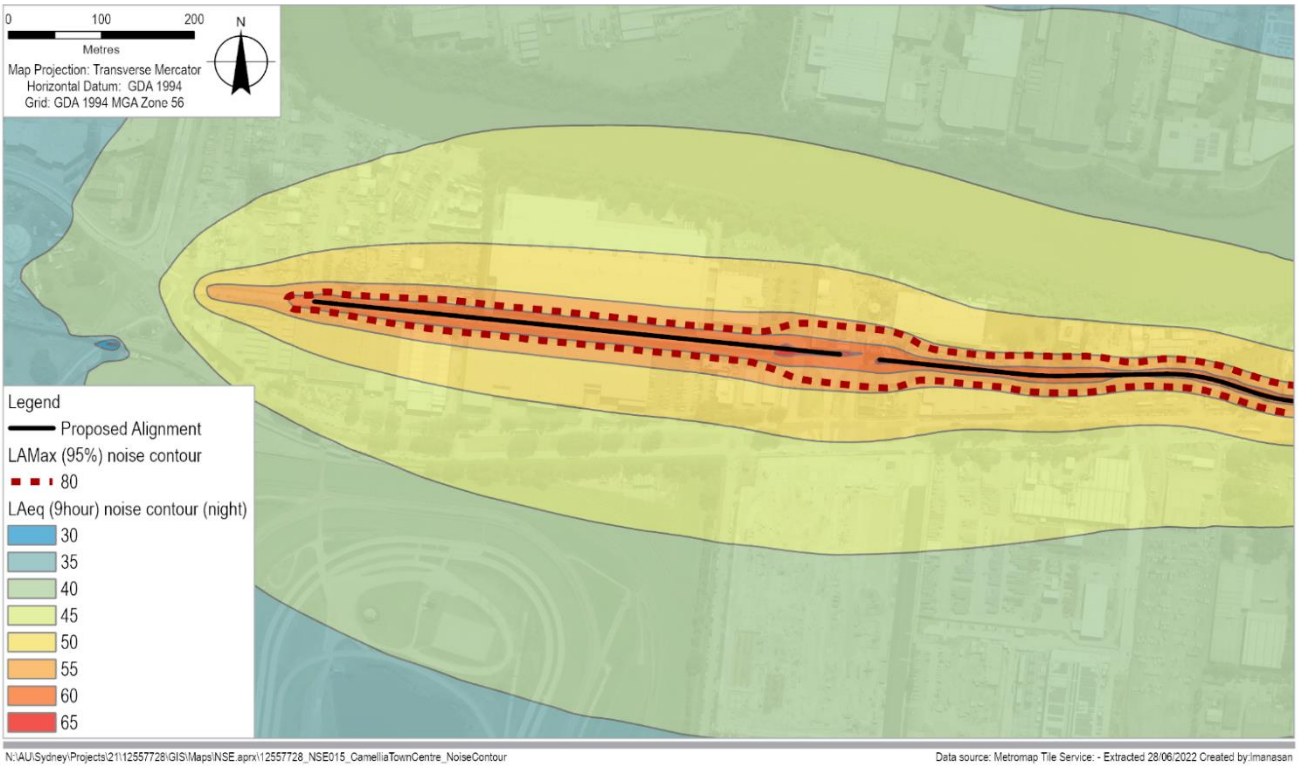

Figure 4.6 Camellia town centre – $L_{Aeq(9hour)}$ and $L_{Amax(95\%)}$ noise contours, dBA

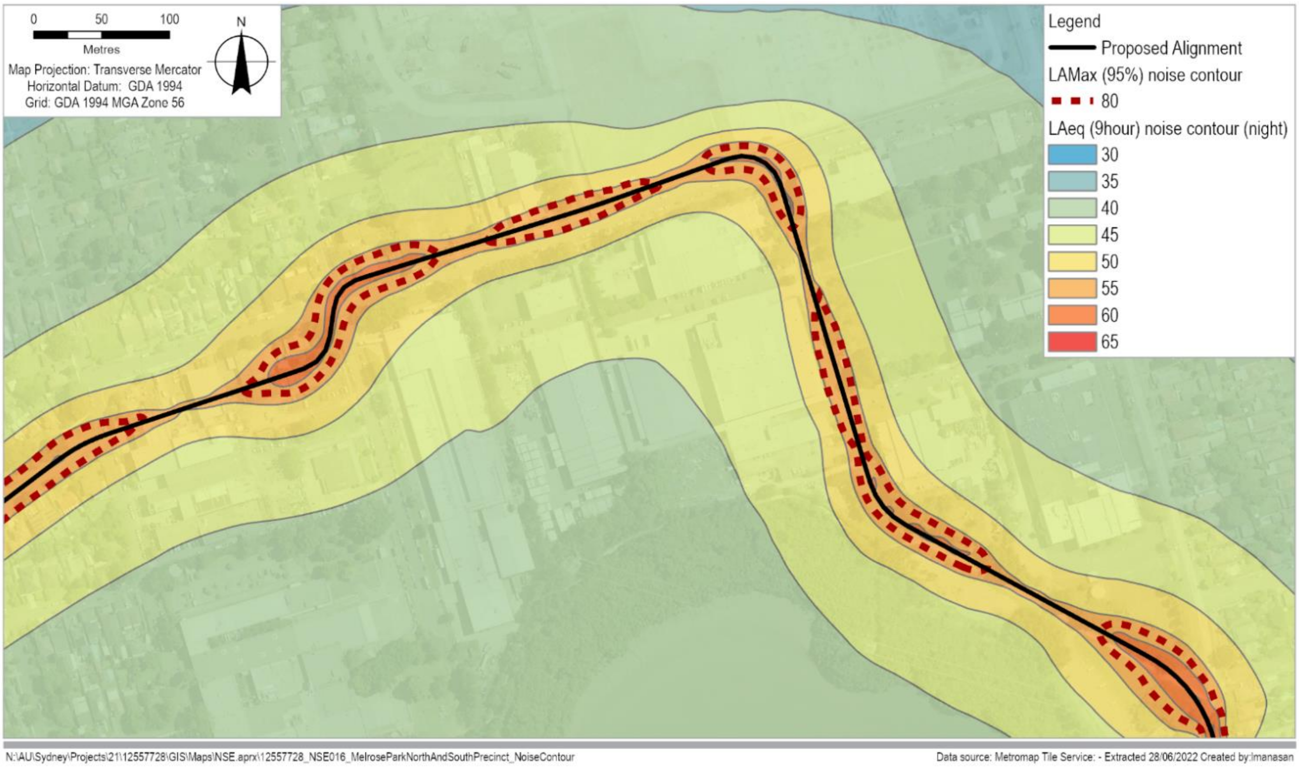

Figure 4.7 Melrose Park North and South Precincts - – $L_{Aeq(9hour)}$ and $L_{Amax(95\%)}$ noise contours, dBA

To protect the acoustic amenity of future sensitive receivers adjacent to the light rail in the Camellia town centre and the Melrose Park Northern and Southern precincts, the following mitigation strategies can be adopted:

- Development Applications adjacent to the light rail track should be conditioned to ensure the building is adequately designed to comply with the requirements of the Transport and Infrastructure SEPP
- develop a separation distance between the light rail track and potential sensitive receivers to be included as a planning control in the relevant council development control plans (DCP), if required.

4.1.6 Special events at Sydney Olympic Park and Rosehill Gardens Racecourse

The project would interact with two special event precincts being, Sydney Olympic Park and Rosehill Gardens Racecourse. Special event services would be required to supplement the existing transport services (bus and heavy rail) transporting customers to and from the events. The level of event-related transport services would vary, based on the expected crowd of the event.

Special events services would typically be required during the evening on weekends and could also occur on weekdays. These services could extend into the night period should the events finish after 10pm.

To assess the potential increases in operational noise levels during special events, the following assumptions have been made:

- during special events, there would be a three-minute headway for light rail vehicle movements
- two hours of special event light rail vehicle operations could occur during the day period (7am to 10pm)
- one hour of special events light rail vehicle operations could occur during the night period
- during a one-hour period there could be up to 20 movements on either the up or down track.

The assumed light rail vehicle volumes during the day, night and hourly periods are shown in Appendix C-3. An assessment has been performed of potential increases in noise levels due to higher light rail vehicle traffic volumes during special events. Based on the assumed light rail vehicle traffic numbers, the following increases in rail noise levels during special events are anticipated:

- 1 dB increase in day period $L_{Aeq(15hr)}$ noise levels
- 2 dB increase in night period $L_{Aeq(9hr)}$ noise levels
- 4 dB increase in hourly daytime $L_{Aeq(1hr)}$ noise levels for the opening scenario
- 3 dB increase in hourly daytime $L_{Aeq(1hr)}$ noise levels for the future scenario
- 5 dB increase in hourly night-time $L_{Aeq(1hr)}$ noise levels for the opening and future scenarios
- no change in L_{AFmax} noise levels.

Table 4.6 provides a qualitative description of human responses to change in noise levels.

Table 4.6 Change in noise levels, human response

Difference	Human response
Difference of 1-2 dB	Generally imperceptible by the human ear
Difference of 3-4 dB	Generally considered noticeable
Difference of 5 dB	Generally considered significant

The increase in the frequency of light rail vehicle pass-bys would increase L_{Aeq} noise levels at residential receivers. This increase would be limited to the peak periods of special events only and would not affect L_{AFmax} noise levels. As such, there would be no increase to the number of residences qualifying for mitigation as a result of special events.

Special events are likely to occur during times when other sensitive receiver types (commercial buildings, schools, child-care centres, offices etc.) would not be in use, being the evenings, nights and weekends. The increase in L_{Aeq} noise levels at other sensitive receivers during these services are considered acceptable in the context of the short and temporary nature of these services.

4.1.7 Sleep disturbance impacts

4.1.7.1 Overview of sleep disturbance trigger levels

The current literature concerning sleep disturbance due to noise indicates that the following characteristics could influence sleep disturbance:

– the number of events heard distinctly above the background level

– the emergence of these events (transient or gradual events)

– the highest noise level of the events.

When developing the *Night Noise Guidelines for Europe* (WHO, 2009), the World Health Organisation (WHO) European office concluded that there is sufficient evidence to indicate night noise is related to sleep disturbance and disturbed sleep is associated with several adverse effects on health. The WHO recommended an external target of $L_{Aeq(8hour)}$ 55 dBA (night period) for airborne noise. The L_{Aeq} descriptor (the energy average level of a noise signal over a given period) accounts for the number and level of the louder events over a given time period and by itself is an inadequate predictor of the potential of a varying noise to disturb sleep.

The L_{Amax} descriptor addresses the maximum noise level due to individual pass-by events and provides a way to account for potential disturbance from such events. For the purpose of this assessment, maximum noise events associated with light rail vehicle movements and warning bells have been compared against the RING noise trigger level of L_{Amax} 80 dBA.

4.1.7.2 Light rail vehicle movements

Maximum noise levels at residences are predicted to range from L_{Amax} 39 to L_{Amax} 80 dBA depending on the proximity to the rail alignment. The highest noise levels are predicted to occur at NCA-J (Ermington and Melrose Park), NCA-K (Melrose Park and West Ryde) and NCA-L (Wentworth Point). The number of maximum noise events at the most-affected receivers during the night period are anticipated to be up to 26 events during normal operation and up to 42 events during special events.

L_{Amax} noise levels during the night period are predicted to be below the RING noise trigger level of L_{Amax} 80 dBA at all residences.

4.1.7.3 Warning bells on light rail vehicles

The warning bells fitted on the light rail vehicles would only be used in the event of emergencies or where the driver considers there is a danger to public safety. It is understood that warning bells would not be used as part of normal rail operations and not be used at level crossings or approach or departing stops.

The RING does not require assessment of warning bells where their use is only in emergency situations and as such, an assessment of warning bells has not been included in the noise modelling.

Warning bells are directional (facing the front of the light rail vehicle) and can give rise to noise levels of up to L_{AFmax} 77 dBA at 10 metres in front of the light rail vehicle. Maximum noise levels to the side of the light rail vehicle would generally be 7 dBA less than in front of the light rail vehicle. Given the closest residence is located approximately 10 metres from the nearest rail track, noise levels are anticipated to be below the RING noise trigger level of L_{Amax} 80 dBA.

Due to the distinctive nature of the warning bell sound, it is likely to be noticeable at residences immediately adjacent to rail track if it were to be sounded. However, the infrequent use of the warning bells would result in negligible impacts.

4.2 Alignment between Sandown Boulevard stop to Carter Street stop (ground-borne noise and vibration)

Vibration and ground-borne noise from the operation of rail infrastructure can adversely affect sensitive receivers located near a rail line. Vibration can cause buildings, windows and other fixtures to shake; contribute to annoyance and impacts on residents and other land uses; and interfere with vibration-sensitive equipment. Vibration can also be regenerated as ground-borne noise inside a building.

Building damage is unlikely to occur from rail vibration; however, annoyance can occur at significantly lower vibration levels, which are often only slightly higher than the limits of human perception. The light rail vehicle source vibration levels (refer to section 4.2.4 and Appendix C-4) are significantly lower than the structural damage criteria (see Appendix E-3). Therefore, structural damage impacts from light rail vehicle operations are not expected and are not discussed further.

4.2.1 Overview of vibration sources and key descriptors

This assessment has assumed the light rail vehicles that would be used during operation would be consistent with the existing light rail vehicle fleet which operates on the Parramatta Light Rail Stage 1 light rail network. The primary source of ground-borne noise and vibration from light rail vehicles is at the wheel-rail interface where the wheel-track interactions generate ground-borne vibration.

The speed of the light rail vehicle, the wheel and rail roughness, the light rail vehicle and rail dynamic characteristics, such as rail isolation stiffness, and the intervening ground conditions influence the ground-borne vibration transmitted to the environment. The magnitude of the resultant ground-borne noise generated inside a sensitive receiver is dependent on both the distance and geological characteristics between the track to the receiver as well as the additional losses at the building foundation and potential amplifications inside the structure.

The key metrics related to the modelling and assessment of ground-borne noise and vibration from light rail vehicles are presented in Table 4.7.

Table 4.7 Key airborne noise metrics – operation

Metric	Description
dBV	Measure used to express ground-borne vibration as a decibel, using a reference vibration velocity of 1 nm/s. A level of 100 dBV corresponds to a vibration level of 0.1 mm/s (rms).
Ground-borne rail noise	Ground-borne vibration from rail movements re-radiated internally within a structure as noise.
L_{ASmax}	The highest noise level in dBA measured during a specified time period using the ‘slow’ response setting on a sound level meter.
$L_{ASmax,95\%}$	The slow weighted maximum noise level not exceeded for 95% of rail pass-by events.
Vibration dose value (VDV)	As defined in BS6472 – 1992, the vibration dose value is given by the fourth root of the integral of the fourth power of the frequency weighted acceleration. The dose value reflects the total cumulative exposure of vibration from pass-by events during a given time period. The estimated vibration dose value (eVDV) can be used as a screening method for intermittent vibrations with crest factors (ratio of peak to rms value of a signal) below 6. The eVDV can be calculated using the following formula: $eVDV = 0.07 \times Vrms \times t^{0.25}$ $m/s^{1.75}$, where t is the pass-by duration in seconds and Vrms is the root mean square of vibration velocity (mm/s).
Vrms	Root mean square of vibration velocity (mm/s).

4.2.2 Summary of vibration targets

4.2.2.1 Human comfort

The RING refers to *Assessing vibration: A technical guideline* (AVTG) (DEC, 2006) for applicable vibration criteria relevant to train operations. The AVTG provides vibration criteria that, if exceeded, have the potential to adversely affect the amenity of occupants inside buildings as it may affect their quality of life or working efficiency.

Human comfort impacts are experienced at levels well below those that can damage or affect a structure and its contents. The preferred and maximum values recommended by the AVTG are expressed in terms of the cumulative vibration dose value (VDV) and provided in Table 4.8. The estimated VDV (eVDV) calculation methodology outlined in AVTG is considered appropriate for vibration sources with crest factors less than six (such as light rail vehicles) and has been used for comparison against the criteria.

The 'preferred values' for intermittent vibration from AVTG are recommended as trigger levels by the RING for the purposes of initiating an assessment of feasible and reasonable mitigation measures.

Table 4.8 Human comfort intermittent vibration limits

Receiver type	Period	Intermittent vibration dose value ($m/s^{1.75}$)	
		Preferred value	Maximum value
Residential	Day (7am and 10pm)	0.2	0.4
	Night (10pm and 7am)	0.13	0.26
Offices, schools, educational institutes, and places of worship	When in use	0.4	0.8
Workshops	When in use	0.8	1.6

4.2.2.2 Vibration sensitive equipment

ASHRAE Handbook Chapter 48 Sound and Vibration Control (ASHRAE, 2021) provides criteria for sensitive equipment, noting that specific values from equipment manufacturers should be sought where possible. The ASHRAE criteria for vibration sensitive equipment over the frequency range of 8 to 80 Hz can be summarised in Appendix E-2.

Details regarding the presence of sensitive equipment at individual sensitive receivers is unknown at this stage of the design development process. Predicted maximum peak vibration velocities (and eVDV values) in each NCA are provided in section 4.2.5.

4.2.3 Summary of ground-borne noise targets

Operational ground-borne noise is assessed in accordance with the RING. The ground-borne noise trigger levels are provided in Table 4.9. As the proposed development in a new rail line, the absolute levels in Table 4.9 are applicable to the project.

The RING notes that the above trigger levels are *"relevant only where ground-borne noise levels are audible and are of a higher level than airborne noise levels from rail operations"*. Other receivers sensitive to ground-borne noise such as theatres or medical facilities have not been identified in the study area.

Table 4.9 Ground-borne noise trigger levels

Sensitive land use	Time of day	Internal noise trigger levels, dBA
	Development increases existing rail noise by 3 dB or more ***and*** resulting rail noise level exceeds:	
Residential	Day (7am-10pm)	40 L_{ASmax}
	Night (10pm-7am)	35 L_{ASmax}
Schools, educational institutes, places of worship	When in use	40–45 L_{ASmax}

4.2.4 Summary of modelling methodology

Ground-borne noise and vibration modelling was undertaken based on the methodology outlined in the US Federal Transit Administration's (FTA) *Transit Noise and Vibration Impact Assessment Manual* (FTA, 2018) and guidance provided in *ISO 14837-1 Mechanical vibration – Ground-borne noise and vibration arising from rail systems* (ISO, 2005).

A summary of the modelling methodology presented below and is discussed in further detail in Appendix C-4.

– Determined representative light rail vehicle and track isolation vibration levels for the project consistent with the Parramatta Light Rail Stage 1 design documentation for ground-borne noise and vibration.
– Determined representative speeds for the light rail vehicles on the up and down track based on the speed profile from the Sandown Boulevard stop to the Carter Street stop. The modelled light rail vehicle speeds for the up and down track are shown in Figure 4.1 above and shown in detail in Appendix C-3.
– Determined representative ground attenuation rates corresponding to geometrical damping and material losses through the soil.
– Determined conservative transfer functions for ground-to-building transmission and structural amplification.
– Applied at-source vibration corrections to account rail surface discontinuities (crossovers and turnouts). These corrections are shown in Figure 4.2 above and are described in detail in Appendix C-3.
– Calculated estimated vibration dose value and ground-borne noise levels at sensitive receivers. The eVDV calculations have been based on the worst-case 2040 special event light rail vehicle volumes.

4.2.5 Predicted vibration levels and impacts

The maximum predicted vibration dose values within each NCA are provided in Table 4.10 .The maximum predicted estimated vibration dose values and peak particle velocities are also provided by each receiver type in Table 4.11.

The results indicate that the eVDV values are compliant with the criteria provided in Table 4.8 for all NCAs and receiver types. The highest predicted eVDV levels at residential receivers during worst-case special event operations in the design year (2040) are typically an order of magnitude lower than the day and night time 'preferred values' in Table 4.8.

Highest predicted peak particle velocities range from 0.09 millimetres per second at industrial receivers to 0.0018 millimetres per second (or 1.8 micrometres per second) at educational institutes. While the presence of vibration sensitive equipment at these sensitive receivers is currently unknown, a PPV of 1.8 micrometres per second is below the most stringent criteria Appendix E-3 for vibration sensitive equipment. The predicted PPV values are also well below the structural damage criteria.

Therefore, human comfort or structural ground-borne vibration impacts from the project are not anticipated.

Table 4.10 Predicted maximum estimated vibration dose values in each NCA

NCA	Maximum eVDV day, $m/s^{1.75}$	Maximum eVDV night, $m/s^{1.75}$
B	0.027	0.019
C	0.029	0.021
E	0.031	0.022
F	0.012	0.009
H	0.033	0.023
I	0.016	0.011
J	0.042	0.030
K	0.037	0.027
L	0.011	0.008
M	0.009	0.007
Q	0.015	0.010
R	0.018	0.013

Table 4.11 Predicted maximum estimated vibration dose values and peak particle velocity by receiver type

Receiver type	Maximum eVDV day, $m/s^{1.75}$	Maximum eVDV night, $m/s^{1.75}$	Maximum PPV, mm/s
Industrial	0.0418	0.0300	0.0990
Commercial	0.0146	0.0105	0.0329
Residential	0.0370	0.0266	0.0917
Educational institute	0.0007	0.0005	0.0018
Mixed use	0.0003	0.0002	0.0006
Non-sensitive	0.0114	0.0082	0.0324
Hotel	0.0059	0.0042	0.0154

4.2.6 Predicted ground-borne noise levels and impacts

Ground-borne noise levels at sensitive receivers are shown in Figure 4.8. Each point on the figure represents a sensitive receiver façade. The results from the ground-borne noise predictions are compared with the maximum airborne noise levels predicted at each façade[1].

Where ground-borne noise levels are predicted to be greater than the airborne noise levels, a comparison against the relevant trigger levels in Table 4.9 has been undertaken.

[1] Corrected to internal noise levels using the methodology outlined in Appendix C-3-2.

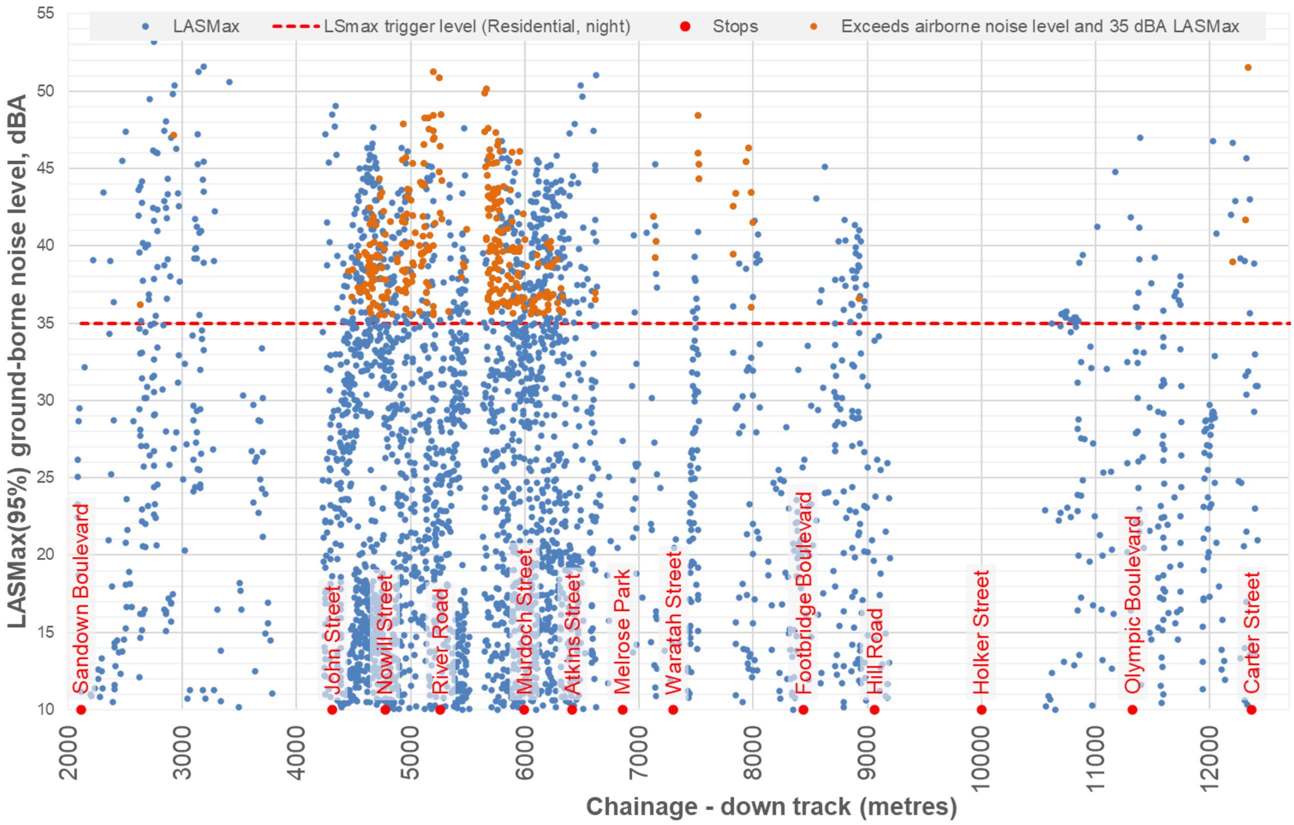

Figure 4.8 Predicted ground-borne noise levels at sensitive receivers

Sensitive receivers with facades qualifying for consideration of mitigation are shown in orange in Figure 4.8. A total of 129 residential receivers are predicted to exceed the night-time ground-borne noise trigger levels, where the ground-borne noise level also exceeds the airborne noise level. The exceeding sensitive receivers are shown with a pink outline in Figure 4.9 through to Figure 4.12. The receivers qualifying for mitigation consideration are primarily located adjacent to the alignment between John Street and Melrose Park (Chainage 4000 to 7000). Based on the modelling results, ground-borne noise impacts were not identified at distances greater than 50 metres from the track.

The qualifying facades are generally located towards the back of the property away from the track alignment. These facades would typically be shielded from airborne noise levels and therefore trigger a ground-borne noise exceedance under the RING (as ground-borne noise levels would exceed the airborne noise levels when assessed internally).

Ground-borne noise mitigation measures are discussed in section 4.6.2.

Figure 4.9 Receivers qualifying for ground-borne noise mitigation consideration – Rydalmere

Figure 4.10 Receivers qualifying for ground-borne noise mitigation consideration – Ermington

Figure 4.11 Receivers qualifying for ground-borne noise mitigation consideration – Wentworth Point

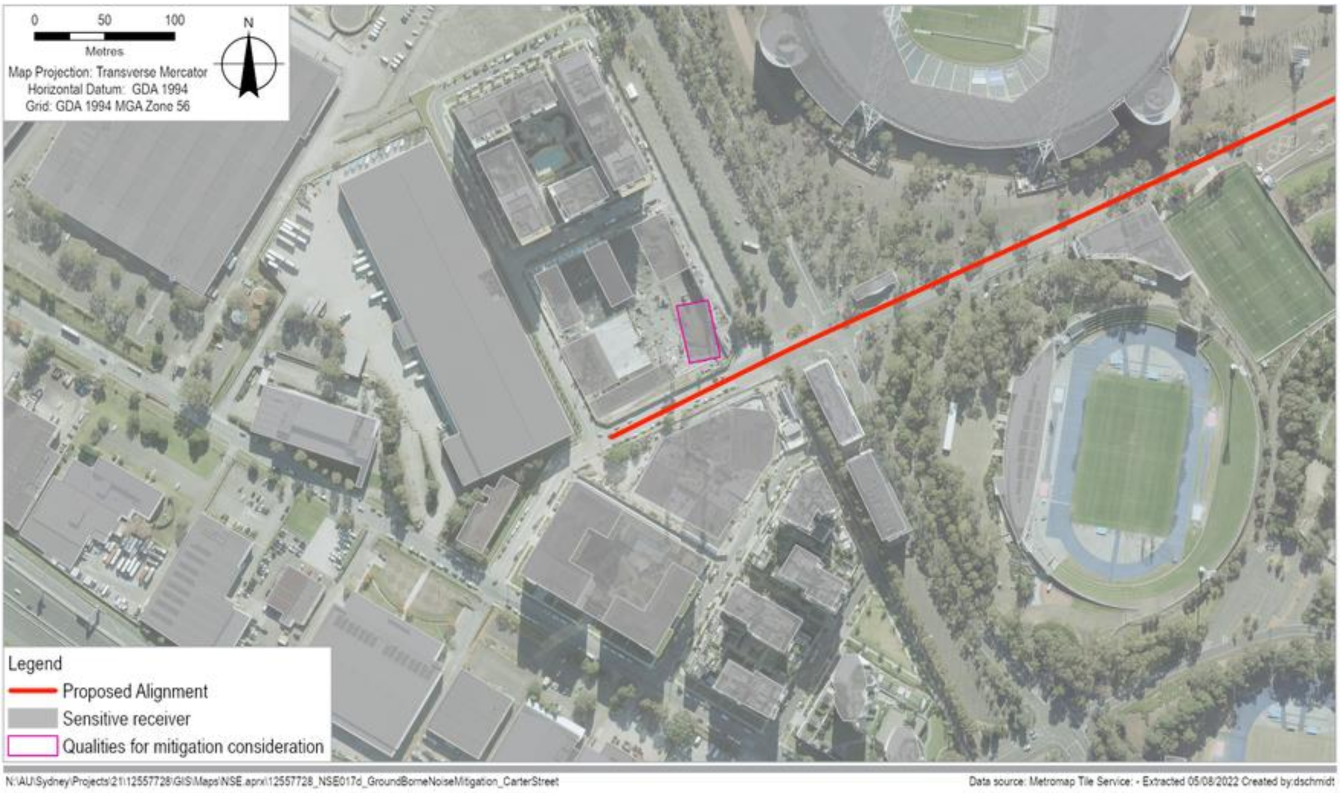

Figure 4.12 Receivers qualifying for ground-borne noise mitigation consideration – Carter Street

4.3 Alignment between turnback facility and Sandown Boulevard stop

The Parramatta Light Rail Stage 2 light rail vehicles would operate along a section of the Parramatta Light Rail Stage 1 alignment (between the Macquarie Street turnback facility and the turn-off to the stabling and maintenance facility at Camellia) and would stop at three stops, being Parramatta Square, Robin Thomas (on Harris Street) and Tramway Avenue. The track immediately adjacent to the proposed Macquarie Street turnback facility in the Parramatta CBD would be constructed as part of Stage 1, and the frequency of light rail vehicle movements along this section of track would double as a result of the Stage 2 project.

Noise and vibration assessments have been undertaken as part of the Parramatta Light Rail Stage 1 environmental approval and post-approval phases of the project. The assessments did not consider the doubling of light rail vehicle movements as a result of the operation of the Stage 2 project.

4.3.1 Airborne noise – existing Parramatta Light Rail Stage 1 alignment

A review of the predicted results as part of the Parramatta Light Rail Stage 1 post-approval design documentation relating to noise and vibration has been undertaken with the following corrections applied to identify whether any additional receivers would qualify for mitigation due to the doubling of light rail vehicle movements:

– +3 dB (10*log(2)) correction applied to all $L_{Aeq(15hour)}$, $L_{Aeq(9hour)}$ and $L_{Aeq(1hour)}$ noise levels at receivers adjacent to the track between the Macquarie Street Terminus and Sandown Boulevard stop due to a doubling of light rail vehicle movements
– no correction applied to $L_{AMax(95\%)}$ noise levels as the frequency of light rail vehicle movements would not alter this parameter.

The sensitive receivers qualifying for consideration for mitigation are listed in Table 4.12. The qualifying receivers are shown for the Parramatta Light Rail Stage 1 light rail vehicle movements only and the Parramatta Light Rail Stage 1 and Stage 2 light rail vehicle movements, cumulatively. The assumed façade transmission loss for sensitive receivers with internal noise trigger levels is also listed in the table.

Table 4.12 Number of receives qualifying for mitigation – Parramatta Light Rail Stage 1 and Parramatta Light Rail Stage 1 and 2

Receiver type	Assumed façade transmission loss, dB	Trigger Level		Parramatta Light Rail Stage 1 only		Parramatta Light Rail Stage 1 + Stage 2	
		External	Internal	Parramatta CBD	Rosehill & Camellia	Parramatta CBD	Rosehill & Camellia
Child care centre	10	-	40 $L_{Aeq(1hour)}$	1	1	1	1
Educational institute	10 to 20	-	40 $L_{Aeq(1hour)}$	10	0	12	0
Medical (other than hospitals)	-	60 $L_{Aeq(1hour)}$	-	2	0	3	0
Place of worship	10	-	40 $L_{Aeq(1hour)}$	4	0	4	0
Residential	-	60 $L_{Aeq(15hour)}$ 50 $L_{Aeq(9hour)}$ 80 $L_{AMax(95\%)}$	-	1	0	1	0
All				**18**	**1**	**21**	**1**

The three additional sensitive receivers that would now qualify for noise mitigation are listed below:

– Pre-Uni New College Parramatta – 3 Barrack Lane, Parramatta (educational institute)
– PM Counselling Services – 153 George Street, Parramatta (medical)
– Arthur Phillip High School – 80 -100 Macquarie Street (educational institute).

For the residential receiver qualifying for mitigation (189 Macquarie Street, Parramatta), it is recommended that any at-property treatment applied considers Stage 2 light rail vehicle movements (i.e. a 11 dB exceedance of the external noise trigger level rather than 8 dB). For other non-residential sensitive receivers with internal noise trigger levels, a detailed investigation of each property should be conducted to determine if the actual façade performance is consistent with the façade transmission loss assumed in the assessment.

4.3.2 Airborne noise – Macquarie Street turnback facility

A new turnback facility would be built between the existing Church Street/Macquarie Street curve to the intersection of Macquarie Street and Marsden Street intersection, consisting or approximately 130 metres of new track, including a turnout and a crossover.

The most-affected sensitive receivers to this new section of track are retail and restaurants located directly south of the turnback facility, with the closest building being approximately five metres to the south of the crossover. As these noise sensitive receiver types are not covered in the RING, guidance has been taken from Australian Standard AS2107 (Australian Standards, 2016) to determine an assessment noise goal for these receiver types.

Based on a speed of 30 kilometres per hour on both the up and down track, and a +6 dB correction applied at the crossover, the predicted noise levels at the most-affected receivers are listed in Table 4.13 and compared against the 2017 design sound levels.

Table 4.13 Airborne noise levels at the most-affected receivers to the turnback facility

Location	External noise level	Transfer function	Internal noise level	AS2017 design sound level
Restaurant to the south	$L_{Aeq(1hour)}$ 63 dBA	Windows closed	43 dBA internal	50 dBA
		Windows open	53 dBA internal	50 dBA
Retail shops to the north	$L_{Aeq(1hour)}$ 60 dBA	Windows closed	40 dBA internal	50 dBA
		Windows open	50 dBA internal	50 dBA

Notes:
1. 20 dBA assuming attenuation through closed standard windows/doors with gaps
2. 10 dBA assuming open windows/doors
3. AS2017 specifies a range of 40 to 50 dBA for restaurants. 50 dBA has been adopted as the noise goal as existing noise levels are high in the Parramatta CBD.

Noise levels are predicted to exceed the AS2017 noise goal with windows open at the restaurant directly to the south. Existing noise levels in the Parramatta CBD have been measured to be $L_{Aeq(1hour)}$ 70 dBA during the day and $L_{Aeq(1hour)}$ 69 during the night with L_{Amax} levels of 79 dBA during the day period based on noise monitoring undertaken at Arthur Phillip High School (monitoring location BG10 for Parramatta Light Rail Stage 1).

As such, the measured existing noise levels in the Parramatta CBD are already above the predicted L_{Aeq} and L_{Amax} noise levels for light rail vehicle operations. Whilst the project would introduce a new noise source to the environment, the potential noise impacts are likely to be limited to whether the light rail noise would be clearly audible or intrusive above existing CBD and road traffic related noise sources. In view of the above, no noise mitigation has been recommended as commercial receivers do not qualify for mitigation under the requirements of the RING. As existing noise levels (due to pedestrians and road traffic) are well above the noise level of the light rail vehicles, the noise from the light rail vehicles would not be considered intrusive and would rather form part of the background and ambient noise environment.

Commercial receivers located west of the crossover section of the turnback facility are predicted to experience noise levels significantly below the noise levels predicted above as the light rail vehicle speeds would be lower and the additional noise due to the crossover would not be as prevalent.

4.3.3 Ground-borne noise and vibration – Alignment between Parramatta CBD and Sandown Boulevard stop (Stage 1 track)

A review of the predicted results as part of the Parramatta Light Rail Stage 1 post-approval design documentation relating to ground-borne noise and vibration has been undertaken to identify whether any additional receivers would qualify for mitigation due to the doubling of light rail vehicle movements. Ground-borne noise is assessed using the L_{ASmax} noise descriptor based on a single light rail vehicle pass-by. For the receivers adjacent to the Stage 1 section of track between the Parramatta CBD and Sandown Boulevard stop, the predicted L_{ASmax} noise levels would not change as a result of the increase in service frequency due to the operation of the Stage 2 light rail vehicles.

Ground-borne vibration levels are assessed using the eVDV descriptor and would increase due to a doubling of light rail vehicle service frequency. The predicted eVDV levels at sensitive receivers adjacent to the Stage 1 section of track between the Parramatta CBD and Sandown Boulevard stop due to light rail vehicle movements are significantly below the criteria, with the most-affected residential receivers receiving vibration levels of 0.01 to 0.02 $m/s^{1.75}$ compared to a vibration criterion. In view of this, ground-vibration levels are not anticipated to exceed the vibration criteria at any sensitive receiver adjacent to the Stage 1 section of track to be used by the Stage 2 light rail vehicles.

4.3.4 Ground-borne noise and vibration – Macquarie Street turnback

For the restaurants and retail shop buildings fronting the Macquarie Street turnback facility, airborne noise levels are anticipated to be the dominant noise source and above the ground-borne noise levels. For receivers setback more than eight metres from the track that do not have a façade exposed to the track, ground-borne noise levels are anticipated to be below L_{Asmax} 45 dBA. the L_{ASmax} noise level is predicted to be below the AS2107 noise goal of 50 dBA for retail shops and restaurants, and as such further assessment has not been deemed necessary.

4.4 Fixed facilities

4.4.1 Stops (PA systems)

Public address (PA) systems are proposed for each light rail stop (see Figure 1.2 for locations) to provide emergency announcements and to augment the functionality of the Passenger Information Display systems in the event of significant delays or disruptions to the services. Provided the PA systems are designed appropriately, the duration and infrequency of announcements would unlikely significantly contribute to the overall $L_{Aeq(15min)}$) noise levels at receivers. The volume on PA systems would typically be automatically adjusted to account for the ambient noise level with the use of sensors. Software would automatically reduce the announcement volume when ambient noise levels are low, whilst balancing an adequate level of audibility for light rail vehicle customers at the stops. When noise levels are higher, the PA volume would also adjust accordingly. These self-adjusting systems are particularly important for periods with the most potential for annoyance, such as during the night-time.

Due to the close proximity of receivers to the stops, it would also be important that PA systems are designed to minimise noise spill from the stop platform, even where self-adjustment is incorporated. It is considered that the PA systems at stops can be readily designed to comply with the NPfI intrusiveness and sleep disturbance noise trigger levels at all locations. The infrequent nature of the announcements is anticipated to result in minimal subjective noise impacts at all stops. Notwithstanding the above, where residential receivers are in close proximity to stops, the proposed location and operation of the PA systems should be reviewed during the design development process to ensure potential noise impacts are minimised. The airborne noise trigger levels for light rail stops are presented in Table 4.14 along with a qualitative assessment of potential impacts at the nearest residential receivers. Further detail regarding the derivation of the trigger levels for stops is provided in Appendix E-3.

Table 4.14 Airborne noise trigger levels and qualitative assessment of impacts from light rail stops

Light rail stop	$L_{Aeq(15min}$ Intrusiveness noise level (RBL + 5 dB)	L_{AFmax} sleep disturbance criteria	Nearest residences	Approx. distance to nearest receivers	Discussion of potential noise impacts
Sandown Boulevard	52	62	Oak Street	300 m	The nearest existing residential receivers are sufficiently distant that noise impacts are not anticipated. Consideration should be given to the future receivers in the Camellia town centre once residential planning zones are known.
John Street	38	52	Antoine Street South Street	20 m	The nearest residential receivers have line-of-sight to the stops and are located within 25 metres. There is potential for temporary annoyance should PA announcements be audible within residential dwellings. However, impacts are considered minimal due to the infrequency of announcements.
Nowill Street	41	52	South Street	15 m	
River Road	41	52	Hilder Road	20 m	
Murdoch Street	40	52	Boronia Street	15 m	
Atkins Road	41	52	Hope Street	25 m	
Melrose Park	41	52	Hughes Avenue	200 m	The nearest existing residential receivers are sufficiently distant that noise impacts are not anticipated. Consideration should be given to the future receivers in the Melrose Park North and South precincts once residential planning zones are known.
Waratah Street	37	52	Wharf Road	125 m	
Footbridge Boulevard	41	52	Hill Road	25 m	The nearest residential receivers have line-of-sight to the stops and are located within 25 metres. There is potential for temporary annoyance should PA announcements be audible within residential dwellings. However, impacts are considered minimal due to the infrequency of announcements.
Hill Road	41	52	Hill Road	25 m	
Holker Street	44	54	Blaxland Road	350 m	The nearest existing residential receivers are sufficiently distant that noise impacts are not anticipated. Consideration should be given to the Novotel and Ibis hotels directly south of the Olympic Boulevard stop.
Olympic Boulevard	46	56	Australia Avenue	500 m	
Carter Street	50	60	Uhrig Avenue	10 m	The nearest residential receivers have line-of-sight to the stops and are located within 25 metres. There is potential for temporary annoyance should PA announcements be audible within residential dwellings. However, impacts are considered minimal due to the infrequency of announcements.

4.4.2 Traction power substations

The major noise sources at traction power substations are the rectifier transformer, auxiliary transformer, approximately 10 indoor A/C units and approximately 10 outdoor A/C units. As the transformers and indoor A/C units are housed inside buildings, the dominant noise sources would be the outdoor A/C condensing units as noise emission from the enclosed mechanical plant would be negligible. To predict noise emission from the substations to the nearest sensitive receivers, a sound power level of L_{Aeq} 80 dBA has been assumed at each substation location (see Figure 1.2 for locations).

Noise levels have been predicted to the nearest sensitive receivers to each substation and compared against the project noise trigger level established based on the acoustic requirements of the NPfI. The modelling methodology is described in detail in Appendix C-5 and the derivation of the project noise trigger levels for fixed facilities is detailed in Appendix E-3. Table 4.15 below presents the noise modelling results and indicates that compliance is predicted at all the nearest sensitive receiver locations.

Table 4.15 Airborne noise trigger levels and predicted noise modelling results for substations

Traction power substation reference and location	NCA	Nearest sensitive receivers	Receiver type	Nearest receiver	Project noise trigger level	Predicted noise level, dBA
A Camellia	C	Camellia (future)	Urban residences	N/A	40	38
		Industrial	Industrial	C017	68	38
B Rydalmere	E	Rydalmere	Suburban residences	E036	38	28
			Industrial receivers	E035	68	35
C Melrose	J	Ermington	Industrial	J024	68	44
			Suburban residences	J039	38	31
D Wentworth	M	Wentworth Point	Suburban residences	M021	38	18
E Sydney Olympic Park	R	Lidcombe (Carter Street)	Urban residences	R039	43	40

4.4.3 Stabling and maintenance facility

4.4.3.1 Proposed modifications

The stabling and maintenance facility is located at 6-8 Grand Avenue, Rosehill within the Clyde Industrial Area and east of Rosehill Gardens Racecourse. The surrounding receivers are generally industrial or commercial receivers and the nearest existing residential receivers are located west of James Ruse Drive, over 800 metres from the boundary of the site. Future residential land uses are proposed under the Camellia Master Plan with indicative residential land use areas identified approximately 40 metres to the north of the facility.

The stabling and maintenance facility is being constructed as part of Parramatta Light Rail Stage 1 to initially accommodate 13 light rail vehicles. The facility will include the following:

- a stabling and maintenance facility, including a workshop containing five servicing tracks to carry out light rail vehicle inspections
- an automotive train wash plant and sanding plant for replenishing light rail vehicle sand boxes and for testing sanding equipment
- a wheel lathe
- an Operations Control Centre (OCC), including offices and administration functions
- parking for approximately 88 cars.

The proposed modifications to the existing facility to expand its capacity for Stage 2 (within the same boundary of the facility) include:

– six new stabling tracks and associated infrastructure for the increased fleet of light rail vehicles
– a new car park
– a new access road on the eastern side of the site.

A review of the predicted results as part of the Parramatta Light Rail Stage 1 post-approval design documentation relating to airborne noise and vibration associated with the stabling and maintenance facility has been undertaken, noting the predicted levels do not consider the capacity expansion due to Stage 2 operations. The following sections provide a qualitative assessment of the anticipated impacts at sensitive receivers based on the findings of the previous assessment.

The location of the stabling and maintenance facility and the nearest future residential receivers are shown in Figure 4.13.

Figure 4.13 Location of the stabling and maintenance facility and nearest residential receivers

4.4.3.2 Airborne noise levels at sensitive receivers

A qualitative assessment of potential airborne noise impacts due to the increased operations of the facility is presented in Table 4.16. It is anticipated that the predicted noise levels would comply with the operational noise trigger levels at all existing receivers with a significant margin. However, the predicted noise levels at the future residential receivers at the Camellia town centre are predicted to exceed the operational noise goals during the Stage 1 operations of the facility and are expected to increase by up to 3 dB during Stage 2 operations.

The assessment indicates that noise levels at the potential future residential receivers in the proposed Camellia town centre may be above the adopted noise goal during the evening and night periods. There is no requirement to meet the noise goals at future potential future receivers, however noise impacts to these receivers should be considered during the design development process for the project and during the planning of the Camellia town centre.

Noise mitigation options have been considered in section 4.6.3.3 to identify feasible measures that could be implemented to reduce the noise levels at the Camellia town centre.

Table 4.16 Qualitative assessment of potential noise impacts associated with modification works to the stabling and maintenance facility

Address	Receiver type	Approximate distance (m)	Noise goal	Qualitative assessment of potential impacts
2B Grand Avenue, Rosehill	Residential	745	52 Day 48 Evening 46 Night	Noise level of the existing facility is predicted to be below 30 dBA at all residences west of James Ruse Drive. As a conservative assumption, the modifications to the stabling and maintenance facility could increase noise levels by a maximum of 3 dB. As such, noise levels once Stage 2 is operational is expected to comply with the noise goal at all residences to the west of James Ruse Drive.
43 Oak Street, Rosehill	Residential	875		
3-5 Weston Street, Rosehill	Residential	870		
Camellia town centre (future)	Residential (future)	40	58 Day 48 Evening 43 Night	The results indicate that compliance is predicted during the day period, however the following exceedances are predicted: – 1 dB above the evening period noise goal – 5 dB above the night period noise goal At the proposed Camellia town centre, the evening and night noise levels are expected to be controlled by noise from stationary light rail vehicles on the external stabling roads and light rail vehicles entering/exiting the facility. Assuming the noise experienced at this future receiver is dominated by light rail vehicle movements, the modifications to the stabling and maintenance facility could increase noise levels by 3 dB, resulting in noise levels of 52 dBA during the evening period (4 dB exceedance) and 51 during the night period (8 dB exceedance).
1C Grand Avenue, Camellia	Educational	500	48 (when in use)	The noise level of the existing facility is predicted to be 15 dBA or more below the relevant noise goal at all existing non-residential receivers surrounding the facility. As a conservative assumption, the modifications to the stabling and maintenance facility could increase noise levels by a maximum of 3 dB. As such, noise levels once Stage 2 is operational is expected to comply with the noise goal at the existing non-residential receivers surrounding the facility.
11C Grand Avenue, Rosehill	Commercial	65	65 (when in use)	
James Ruse Drive (Rosehill Gardens Racecourse)	Commercial	640	65 (when in use)	
10 Colquhoun Street, Rosehill	Industrial	10	68 (when in use)	
10 Colquhoun Street, Rosehill	Industrial	60	68 (when in use)	
10 Grand Avenue, Rosehill	Industrial	95	68 (when in use)	
15 Grand Avenue, Rosehill	Industrial	40	68 (when in use)	

4.4.3.3 Sleep disturbance

A sleep disturbance impact assessment of the following potential maximum noise events:

– light rail vehicle warning bell testing
– light rail vehicle road horn testing
– brake air releases from light rail vehicles in the stabling area
– light rail vehicle moving over turnouts and rail joints at 10 kilometres per hour at the worst-case locations within the facility.

The modelling results indicated that L_{AFmax} noise levels would be well below the sleep disturbance noise goals at all existing residences in Camellia and Rosehill. At the future potential residential receivers in the Camellia town centre, noise from turnouts were predicted to be equal to the indicative sleep disturbance noise goal, being L_{Afmax} 53 dBA with all other maximum noise events predicted to easily comply.

The modifications to the stabling and maintenance facility would result in an increase in frequency of light rail vehicle movements in and out of the facility, however it is not expected that the predicted L_{Afmax} noise levels would change as no noise sources would be any closer to future residences.

4.4.3.4 Ground-borne noise and vibration

Based on the proposed operations and distances to sensitive receivers, vibration and ground-borne noise at surrounding receivers generated by operational activities within the stabling and maintenance facility were not deemed to be significant and no further assessment was provided. The modifications to the existing facility associated with the project are anticipated to result in negligible ground-borne noise and vibration impacts at sensitive receivers.

4.5 Operational road traffic noise

4.5.1 Changes to road traffic network

The project would operate within the existing street environment for much of its alignment, necessitating several changes to roadway configuration, road network infrastructure and local traffic circulation and access, resulting in a redistribution of traffic on the local road network. A summary of the proposed road configuration changes is presented in Table 4.17 along with a description of how the proposed change has been assessed in this report.

They key changes to the road configuration that have the potential to result in a noticeable increase in road traffic noise levels at adjacent sensitive receivers are at South Street, Rydalmere (between John Street and Silverwater Road) and at Boronia Street, Ermington (between Spurway Street and Atkins Road) where the reconfiguration of the road to allow for the centre running light rail track would result in the eastbound lanes moving closer to the residences to the north of both roads.

The purpose of the following assessment is to identify where operational road traffic noise impacts could occur as a result of the project, and where further investigation or assessment may be required against the RNP and Transport for NSW guidelines.

Table 4.17 Proposed road configuration changes

Location	Physical works required	Road traffic noise impact
Parramatta CBD		
Macquarie Street between Marsden and Church Streets	Reconfigure roadway for two light rail tracks	Redistribution of traffic to Church Street and George Street (sub-arterial roads) and nearest receivers are commercial. Not considered an impact and has not been assessed further.
Camellia		
Grand Avenue between just west of Durham Avenue to just east of 35 Grand Avenue	Reconfigure roadway for two light rail tracks and active transport link.	No existing nearby residences. Future sensitive receivers in the Camellia town centre would be required to comply with the requirements of the Infrastructure SEPP 2022.
Access to 37 Grand Avenue	Two light rail tracks on western side and shared path on either side of tracks.	
Rydalmere		
Antoine Street, intersection with John Street	Light rail tracks and John Street stop adjacent to the western side of John Street.	Roads would not move closer to residences as a result of the reconfiguration of the road. Increase in road traffic noise levels have been assessed based on the forecast ‘no build’ and ‘build’ traffic volumes to check for a greater than 2 dB increase.
South Street	Reconfigure roadway for centre running light rail tracks.	Noise modelling has been undertaken to determine the increase in noise level based on forecast ‘no build’ and ‘build‘ traffic volumes and change in road configuration to check for a greater than 2 dB increase at nearby residences.
Ermington		
South Street	Reconfigure roadway for centre running light rail tracks.	Due to eastbound lane moving closer to residences to the north, noise modelling has been undertaken to determine the increase in noise level based on forecast ‘no build’ and ‘build‘ traffic volumes and change in road configuration to check for a greater than 2 dB increase at nearby residences.
South Street between River Road and Silverwater Road	Silverwater bridge abutment and centre running light rail tracks.	This section of road would be closed as a result of the bridge over Silverwater Road. Traffic would be diverted north or south of River Road. No traffic volumes have been provided for River Road, however, a greater than 2 dB increase is not anticipated. Traffic volumes are not anticipated to increase by 1.6 times (equal to a 2 dB increase) as a result of the road closure and as such no noise impacts are expected.
Hilder Road at Ken Newman Park	Light rail tracks and River Road stop west of Hilder Road.	Hilder Road would be permanently closed at the light rail track. Traffic would be diverted to Lindsey Avenue or Coffey Street. No traffic volumes have been provided for Hilder Road, however, a greater than 2 dB increase is not anticipated. Traffic volumes are not anticipated to increase by 1.6 times (equal to a 2 dB increase) as a result of the road closure and as such no noise impacts are expected

Location	Physical works required	Road traffic noise impact
Boronia Street	Reconfigure roadway for centre running light rail tracks.	Due to eastbound lane moving closer to residences to the north, noise modelling has been undertaken to determine the increase in noise level based on forecast ‘no build’ and ‘build‘ traffic volumes and change in road configuration to check for a greater than 2 dB increase at nearby residences.
Melrose Park		
Atkins Road, between Hope Street and Boronia Street	Crossing by light rail. Construct Atkins Road stop east of Atkins Road at rear of private properties.	Roads would not move closer to residences as a result of the reconfiguration of the road. Increase in road traffic noise levels have been assessed based on the forecast ‘no build’ and ‘build’ traffic volumes to check for a greater than 2 dB increase.
Hughes Avenue between light rail alignment and Hope Street	Construct light rail tracks on west side of Hughes Avenue, crossing Hughes Avenue and Hope Street at new signals.	
Hope Street, between Hughes Avenue and Waratah Street	Construct light rail tracks and new Melrose Park stop on northern side of Hope Street.	
– Waratah Street at Mary Street – Wharf Road at Waratah Street	Reconfigure roadway for centre running light rail tracks and active transport link.	Roads would not move closer to residences as a result of the reconfiguration of the road. Increase in road traffic noise levels have been assessed based on the forecast ‘no build’ and ‘build’ traffic volumes to check for a greater than 2 dB increase.
Wentworth Point		
– Hill Road – Hill Road between Stromboli Strait and Bennelong Parkway – Hill Road west of Bennelong Parkway	Light rail tracks on western side and on road bicycle lanes in both directions and minor reconfiguration of the road to allow for the light rail track.	Roads would not move closer to residences as a result of the reconfiguration of the road. Increase in road traffic noise levels have been assessed based on the forecast ‘no build’ and ‘build’ traffic volumes to check for a greater than 2 dB increase.
Sydney Olympic Park		
– Holker Busway south of Hill Road – Australia Avenue – Dawn Fraser Avenue between Australia Avenue and Olympic Boulevard – Dawn Fraser Avenue between Olympic Boulevard and Edwin Flack Avenue – Showground Road between Grand Parade and Murray Rose Avenue – Murray Rose Avenue between Showground Road and Olympic Boulevard.	Reconfigurations of roads to allow for light rail track, shared paths, stops and facilitates integration with the new Sydney Metro West Station. To facilitate integration and new Sydney Metro West station.	Roads would not move closer to residences as a result of the reconfiguration of the road. Increase in road traffic noise levels have been assessed based on the forecast ‘no build’ and ‘build’ traffic volumes to check for a greater than 2 dB increase, where data has been provided.
Lidcombe		
– Uhrig Road between Edwin Flack Avenue and Stockyard Boulevard	Uhrig Road reconfigured for centre running light rail tracks, Carter Street stop and separated cycleway on either side.	The slight reconfiguration of Uhrig Road is considered to be insignificant and would result in a negligible difference in road traffic noise levels (less than a 2 dB increase).

4.5.2 Summary of operational road traffic noise criteria

The RNP notes that an increase of 2 dB or less (build scenario compared to the no-build scenario) represents a minor impact that is considered barely perceptible to the average person.

Where a greater than 2 dB increase in road traffic noise is predicted and the controlling noise criteria (see Table 4.18) is predicted to be exceeded at adjacent sensitive receivers, a road traffic noise assessment should be undertaken with consideration to the *Noise Criteria Guideline* (Transport for NSW, 2015a) and *Noise Mitigation Guideline* (Transport for NSW, 2015b) during the design development process.

Table 4.18 Road traffic noise criteria at residences, dBA

Development type	Day 7am to 10pm	Night 10pm to 7am
Existing residence affected by **additional traffic** on existing freeways/arterial/sub-arterial roads generated by land use developments	60 $L_{eq(15hr)}$	55 $L_{eq(9hr)}$
Existing residence affected by **additional traffic** on existing local roads generated by land use developments	55 $L_{eq(1hr)}$	50 $L_{eq(1hr)}$

4.5.3 Overview of noise modelling methodology

A detailed discussion of the noise modelling methodology is provided in Appendix C-9.

The potential noise impacts associated with changes in noise levels along public roads as a result of the project have been assessed through comparison of the no-build traffic volumes and the 'build' traffic volumes along the surrounding road network. Traffic volumes are based on traffic modelling data for 2031 and assumes the Sydney Metro West project is operational.

Calculations have been made using the CoRTN prediction method to estimate the increase in noise level at the nearest sensitive receivers to the impacted roads during the operational period.

Where a greater than 2 dB increase is predicted and the RNP controlling noise criteria is exceeded, mitigation strategies have been recommended to reduce potential noise impacts.

4.5.4 Screening assessment

The forecast 'no build' and 'build' traffic volumes along road network for 2031 are presented in Appendix C-7. Calculations have been undertaken using the CoRTN prediction method to identify whether any sections of road are predicted to increase by more than 2 dB as a result of the project based on the traffic volumes alone. The predictions in Table 4.19 indicate that no section of road is predicted to increase by more than 2 dB based on the forecast traffic volumes.

Note should be made that sections of road where minor realignment would be required or where vehicle would cross over the rail tracks have been assessed in section 4.5.5 and section 4.5.6.

Table 4.19 RNP screening assessment for local road network

Street type	Road	Greatest increase in noise level, dB	
		Day	Night
Sub-arterial/collector road	South Street, Rydalmere	+0.1	+0.1
Sub-arterial/collector road	Boronia Street, Ermington	+0.1	+0.1
Sub-arterial/collector road	Atkins Road, Ermington	+0.3	+0.3
Sub-arterial/collector road	Hope Street, Melrose Park	+0.0	0.0
Sub-arterial/collector road	Wharf Road, Melrose Park	+0.1	+0.1
Sub-arterial/collector road	Hill Road, Wentworth Point	-0.1	-0.1
Sub-arterial/collector road	Spurway Street, Ermington	0.0	0.0
Sub-arterial/collector road	Hughes Avenue, Ermington	0.0	0.0
Sub-arterial/collector road	Kevin Coombs Avenue, Sydney Olympic Park	0.0	0.0
Sub-arterial/collector road	Old Hill Link, Sydney Olympic Park	-0.1	-0.1
Local road	Grand Avenue, Camellia	+0.2	+0.2
Local road	Australia Avenue, Sydney Olympic Park	+1.2	+1.2
Local road	Dawn Fraser Avenue, Sydney Olympic Park	+0.1	+0.1
Local road	Uhrig Road, Lidcombe	+0.1	+0.1
Local road	John Street, Rydalmere	+1.0	+1.0

4.5.5 Vehicles crossing over rail tracks

Vehicles travelling in a general perpendicular direction over the rail tracks has the potential to cause maximum noise events as the impact of wheels of the vehicle on the embedded rail track cause a ‘repeated bump’ noise that occurs for approximately one second as each vehicle crosses the track.

To determine indicative noise levels from these events, noise measurements were undertaken at the intersection of High Street and Botany Street, Randwick where the existing Sydney CBD and South East Light Rail crosses through the intersection. The noise measurement methodology and results are summarised in Appendix C-9. The conclusions of the measurements are summarised below.

– A correlation between vehicle speed and maximum noise levels was identified, where higher vehicle speeds resulted in higher noise levels, however further investigation is required to confirm this correlation.
– L_{Afmax} noise levels from vehicle pass-bys (light and heavy vehicles) were measured to be approximately 5 to 7 dB louder at the intersection with vehicles travelling over the rail track compared to an intersection with no rail track.
– Over a one second period (approximate duration of a single vehicle crossing the rail track), the L_{Aeq} noise level of a pass for a vehicle crossing the rail track is approximately 4 dB louder when compared to a vehicle pass-by that is not crossing the rail track.
– When comparing the sound exposure level (SEL) of a vehicle pass-by that is crossing a light rail track to the SEL of a vehicle not crossing a light rail track, a +0.6 dB increase in noise level was observed. It can be concluded that an increase of up to 0.6 dB could be experienced at residences adjacent to an intersection where vehicle cross the track. Where most vehicles travel perpendicular to the track, the increase in noise level would be higher than when most vehicles travel parallel to the track.
– The sound power level of a vehicle crossing over the track can range from approximately 100 dBA to L_{Afmax} 110 dBA, depending on the type of vehicle and its speed.

Further studies would be undertaken during the design development process to include more data points for heavy vehicles and cars travelling at various speeds over the rail tracks to refine the modelling assumptions used in this assessment.

The locations where vehicles would cross over the rail tracks are presented in Table 4.20. The vehicles crossing over rail tracks on South Street and Boronia Street have been assessed as part of the SoundPLAN noise modelling discussed in section 4.5.6.

For all other intersections where vehicles would cross the rail track, the $L_{Aeq(15hour)}$ and $L_{Aeq(9hour)}$ noise levels could increase by up to 0.6 dB at the most-affected sensitive receivers. Based on the calculated increase in road traffic noise levels presented in Table 4.20 for Hope Street, Hill Road, Australia Avenue and Dawn Fraser Avenue, noise levels at these intersections are not predicted to increase by more than 2 dB when taking into account the forecast traffic volumes and potential increase in LAeq noise levels where vehicles would cross the rail track. Note should be made that L_{Afmax} noise levels could increase by approximately 5 to 7 dB at these intersections depending on the type of vehicle and its speed.

Table 4.20 Modelled intersections – vehicles crossing over rail tracks

Suburb	Light rail street	Road intersection/Location	Comments
Rydalmere	South Street	John Street	Included in the L_{Aeq} and L_{Afmax} noise assessment in Section 4.5.6.
		Primrose Avenue	
Ermington	South Street	River Road	
		Hilder Road	
	Boronia Street	Spurway/Broadoaks Street	
		Trumble Avenue	
		Murdoch Street	
		Spofforth Street	
		Trumper Street	
	Hope Street	Hughes Avenue	$L_{Aeq(15hour)}$ and $L_{Aeq(9hour)}$ noise levels could increase by up to 0.6 dB as a result of vehicles crossing the light rail track. Based on the increase in road traffic noise levels in Table 4.19, the increase in noise levels would be less than 2 dB.
Wentworth Point	New Road	Hill Road	
	Hill Road	Burroway Road	
Sydney Olympic Park	Australia Avenue	Dawn Fraser Avenue	
	Dawn Fraser Avenue	Olympic Boulevard	
		Edwin Flack Avenue	

4.5.6 Reconfiguration of South Street and Boronia Street

4.5.6.1 $L_{Aeq(15 hour)}$ and $L_{Aeq(9hour)}$ noise levels

Sections of South Street and Boronia Street would require minor reconfigurations as a result of the project, where the eastbound lanes would move closer to residences to the north of South Street and Boronia Street to allow for a centre-running light rail track. Additionally, there are various intersections along South Street and Boronia Street where vehicles would cross over the rail tracks.

Acoustic modelling was undertaken using SoundPLAN 8.2 noise modelling software to predict indicative ‘no build’ and ‘build’ road traffic noise levels at the first row of residences fronting South Street and Boronia Street based on 2031 traffic volumes. The noise modelling parameters are discussed in detail in Appendix C-9 along with traffic volumes used in the noise modelling. Where vehicles could cross over the rail tracks, a +4 dB correction has been applied to a 10 metre section of road to account for the potential increase in noise. This is considered conservative as most vehicles would be driving parallel to the light rail tracks rather than perpendicular.

The noise model has not been validated against the measured road traffic noise levels undertaken in November/December 2021 as simultaneous traffic counts were not undertaken during the monitoring period and the local traffic flows could be considered atypical compared to a period with no COVID related restrictions.

The road and light rail track interface (definition design) is shown in Figure 4.14 and Figure 4.15 for South Street and Boronia Street, respectively.

Figure 4.14 Road and light rail track interface – South Street, Rydalmere

Figure 4.15 Road and light rail track interface – Boronia Street, Ermington

The results of the noise modelling (presented in Table 4.21) indicate that 32 receivers are predicted to experience an increase in noise level greater than 2 dB and receive noise levels above the RNP controlling noise criteria for residences adjacent to collector roads, being $L_{Aeq(15hour)}$ 60 dBA for the day period and $LA_{eq(9hour)}$ 55 dBA during the night period. All identified receivers are located north of South Street and Boronia Street where the eastbound lane would move closer to the residences to allow for the centre-running light rail track.

Table 4.21 Summary of noise modelling results against RNP noise criteria – South Street and Boronia Street

NCA	Number of receivers that exceed the RNP criteria (>2.0 dB and exceeds controlling criteria)		Range of noise levels – $L_{Aeq(period)}$, dBA		Location of receivers
	Day period	Night period	Day period	Night period	
E	1	1	63	58	North of South Street, Rydalmere
F	18	18	64 to 67	59 to 62	North of South Street, Rydalmere
I	12	13	64 to 70	60 to 66	North of Boronia Street, Ermington
All	**31**	**32**	**63 to 70**	**60 to 66**	**-**

When comparing the 2031 “No Build” results to the December 2021 monitoring results of Logger I at 55 Boronia Street (see Table C.5), the modelled results ($L_{Aeq(15hour)}$ 65 dBA and $L_{Aeq(9hour)}$ 60 dBA) are significantly higher than the measured results ($L_{Aeq(15hour)}$ 56 dBA and $L_{Aeq(9hour)}$ 50 dBA). Although comparing the 2031 “No Build” traffic volumes to the 2021 measured road traffic noise levels is not considered analogous, a difference of approximately 9 dB would not be expected from an increase in traffic volumes alone and would require further investigation during the design development process to determine the cause of this discrepancy.

During the design development process (once the final road configuration has been confirmed and designed), a road traffic noise assessment would be undertaken taking into account the following:

- simultaneous noise monitoring and traffic count data for South Street, Boronia Street and side streets to validate the noise model in accordance with the *Model Validation Guideline* (Transport for NSW, 2018)
- a review of the forecast traffic volumes for the year opening and year opening + 10 years
- vehicles crossing over the rail track using traffic volumes forecast for the side streets
- the 3-dimensional road and light rail interface and local topography
- assessment against the requirements of the *Road Noise Policy* (DECCW, 2011) with consideration to the *Noise Model Validation Guideline* (Transport for NSW, 2018), *Noise Criteria Guideline* (Transport for NSW, 2015a) and *Noise Mitigation Guideline* (Transport for NSW, 2015b).

4.5.6.2 L_{AFmax} noise levels – sleep disturbance impacts

The RNP provides a literature review for the assessment of sleep arousal due to traffic noise however does not set a sleep disturbance assessment criterion. Sleep disturbance impacts are likely to be dependent on the following:

- maximum noise level of an event
- number of occurrences
- duration of the event
- level above background or ambient noise levels.

The *Environmental Noise Management Manual* (ENMM) (RTA, 2001) recommends that an assessment of maximum noise levels should include a calculation of the maximum noise levels, the extent to which the maximum noise levels for individual vehicle pass-bys exceed the L_{Aeq} for each hour of the night, and the number of maximum noise events. Additionally, the ENMM advises that the maximum noise level can be used as a tool to prioritise and rank mitigation strategies, however, should not be applied as a decisive noise criterion for the selection of mitigation treatments.

At locations where road traffic is continuous rather than intermittent, the $L_{Aeq(9hr)\ (night)}$ target noise levels should sufficiently account for sleep disturbance impacts. However, where the emergence of L_{Amax} over the ambient L_{Aeq} is equal to or greater than 15 dB, the $L_{Aeq(9hr)}$ criteria may not sufficiently account for sleep disturbance impacts. In this case a maximum noise event is defined as any pass-by for which the L_{Amax} noise level exceeds $L_{Aeq\ (1hr)}$ noise level by more than 15 dB and where the L_{Amax} noise level is greater than 65 dBA.

Road traffic noise levels were monitored at the façade at one location along Boronia Street, Ermington and also along Hope Street, Ermington (provided for reference) during the monitoring period and the number of maximum noise events due to pass-bys have been calculated. The L_{Amax} and $L_{Aeq(1hr)}$ noise levels during the night-time period (10pm to 7am) at these locations are summarised in Table 4.22.

Table 4.22 Summary of logged maximum noise levels, dBA

Noise monitoring location	NCA	L_{Amax} range		L_{Amax} – $L_{Aeq(1hr)}$ range		Average L_{max} traffic events per night (7 days)
		Min	Max	Min	Max	
55 Boronia Street, Ermington	I	65	75	15	40	38
9 Hope Street, Ermington	J	65	70	15	39	56

Noise modelling has been undertaken to assess L_{Amax} maximum noise levels where the road alignment is proposed to change along South Street and Boronia Street. The increase in maximum noise levels due to vehicles crossing over light rail tracks, described in section 4.5.6.1, have been accounted for in the modelling.

The receivers predicted to experience noise levels above 65 dBA are likely to be those directly adjacent to the road, however, the number of events experienced each night is dependent on the type and speed of vehicles travelling perpendicular to the tracks and cannot be predicted in the noise modelling.

Table 4.23 provides a summary of the noise modelling results, showing an increase in the L_{max} noise level on both the northern and southern sides of the road in all locations, with the northern side expected to experience a more significant increase due to the reduction of distance to the road alignment. While a majority of the predicted noise levels are dominated by the vehicle pass-by level, some residences close to intersections may experience increased maximum noise events due to the cars crossing perpendicular to the rails.

Due to the large increase in noise levels on the northern side of both South Street and Boronia Street, a detailed traffic noise assessment is recommended to be undertaken during the design development process for these sections of the road alignment.

Table 4.23 Difference in Lmax noise levels at South Street and Boronia Street due to the project

NCA	No. of receivers predicted to experience L_{AFMax} levels >65 dBA	Average L_{AFMax} difference – “No Build' vs Build'		Dominant L_{Afmax} noise source	
		Residences north of the road	Residences south of the road	Vehicle crossing over light rail track	Heavy vehicle pass-by
NCA-E	29	+2.6	+0.2	3 receivers	26 receivers
NCA-F	48	+5.8	+1.0	2 receivers	46 receivers
NCA-I	83	+3.8	+0.7	7 receivers	80 receivers

4.6 Effectiveness of mitigation measures

The recommended mitigation measures below are based on information available at the time of the assessment. As the operation of Stage 1 is expected to commence in 2024, compliance noise and vibration measurements would be undertaken and measured noise levels would be compared to predicted noise levels. The outcomes of the compliance noise and vibration monitoring would be taken into account during the design development process of the project and where appropriate, adjustments would be made to the key assumptions in this report and the selection of mitigation measures.

A discussion of potential noise and vibration mitigation options is provided in the following sections.

4.6.1 Airborne noise mitigation options

4.6.1.1 Railway operations

The results of the noise modelling indicate that no residential receivers are predicted to qualify for consideration for noise mitigation as the RING trigger levels are not predicted to be exceeded. Regardless, feasible and reasonable noise mitigation measures would be explored in the design development process taking into account the following (taken from Appendix 6 of the RING):

"*A **feasible** mitigation measure is a noise-abatement measure that can be engineered and is practical to build, given project constraints such as safety, maintenance and reliability requirements. It may also include options such as amending operational practices (e.g. changing timetable schedules) to achieve noise reduction.*

*Selecting **reasonable** measures from those that are feasible involves judging whether the overall noise benefits outweigh the overall adverse social, economic and environmental effects, including the cost of the abatement measure. To make such a judgement, consider the following.*

– *noise impacts*
– *noise mitigation benefits*
– *cost effectiveness of noise mitigation*
– *community views*"

Generally, source control measures are the most effective option as they benefit the greatest number of receivers. However, if only a few isolated receivers are predicted to exceed the RING trigger levels, property treatments at the receiver would be the most appropriate mitigation strategy to reduce potential airborne noise impacts, as shown in Table 4.24.

Table 4.24 Property treatment noise controls

Control option	Estimated noise benefit	Reasonableness and feasibility
Property treatment (mechanical ventilation to allow windows to be closed – in accordance with the Building Code of Australia requirements).	Compared to open windows, a 10 to 15 dB reduction in noise levels would be expected when assessed internally assuming standard glazing (Rw 20 to 25).	Considered reasonable and feasible if only one or a few receivers are predicted to exceed the RING trigger levels. During the design development process, further noise modelling should be undertaken to confirm the number of receivers qualifying for noise mitigation.

Control measures in transmission, such as noise barriers, have not been considered as most of the trackform would be embedded rail allowing pedestrian and vehicle access across the tracks. The installation of a noise barrier parallel to the embedded track would prevent pedestrian and vehicle access across the track.

Potential source noise mitigation options are described in Table 4.25 along with comments regarding the reasonableness and feasibility of the control measure. The design of the trackform to reduce airborne noise levels would be investigated in further detail during the design development process.

Note should be made that based on the requirements to reduce ground-borne noise and vibration to sensitive receivers, highly resilient and very highly resilient trackforms may be required at various locations along the alignment. This is likely to be considered where ground-borne noise impacts are predicted between the John Street stop and Melrose Park stop. As highly resilient trackforms have the potential to increase airborne noise levels, any ground-borne noise mitigation controls would also be considered in the design development process in the assessment of airborne noise from the track.

Table 4.25 Source control measures

Element	Control option	Estimated noise benefit	Reasonableness and feasibility	Further investigation during design development?
Trackform	Use of non-embedded trackforms (e.g. ballast track)	Up to L_{Aeq} 3 dB.	Generally not feasible where embedded trackform has been specified due to access requirements for pedestrians and vehicles. There may be designated areas where ballast track would be used.	Yes
	Incorporating absorption in the track design	Up to L_{Aeq}/L_{Amax} 2 dB.	May be feasible to incorporate absorption/vegetated trackforms in certain areas. There may be potential issues regarding wear and maintenance and therefore may not be suitable in many locations.	
	Vegetated trackforms			
Light rail vehicle design	Reduction in light rail vehicle speed	A 20% reduction in speed would reduce L_{Amax} noise levels by 2.5 dB and LAeq noise levels by 1.5 dB.	Not feasible as the light rail vehicle speed, frequency and length are essential to meet the service frequency and capacity demands for the project.	No
	Reduction in light rail vehicle frequency	No change to L_{Amax} LAeq 1 dB for 20% reduction LAeq 2 dB for 35% reduction.		
	Reduce light rail vehicle length	No change to L_{amax} LAeq 3 dB for halving light rail vehicle length.		
Maintenance	Minimise wheel and rail roughness	Depends on whether rail roughness or wheel roughness dominates the system. The assessment assumes the wheel and rail is adequately maintained and as such, there would be no noise 'benefit' from proper maintenance. Excessive noise from wheel and rail irregularities due to poor maintenance could be significant.	The specification for operations would include requirements for maintaining the rail surface and train wheel condition in accordance with the relevant standards.	Yes
	Permanent track and/or on-board lubrication systems	Excessive noise from wheel and rail irregularities due to poor maintenance could result in excessive noise in the range of: Approx. 5 dB for L_{Aeq} and Approx. 8 dB for L_{Amax} at curves[1]	Reasonable and feasible at tight curves along the project alignment and at the stabling and maintenance facility at Camellia.	Yes

Note: 1. Based on compliance measurements undertaken at CSLER, excluding one compliance noise measurement location where noise levels increased subsequent to the incorporation of a permanent wayside top of rail friction modifier (TORFM) system.

To reduce the potential for curve squeal on the alignment, it is essential that the tracks are constructed to a high standard, the rail and light rail vehicle wheels are well maintained and tight radius curve sections are well lubricated.

Based on the design development documentation for Stage 1, measurements on the Canberra Light Rail, Inner West Light Rail and Sydney CBD and South East Light rail indicate that these measures would reduce curve squeal such that the predicted noise levels overestimate the measured noise levels. However, if these measures are not consistently implemented, measurements in Sydney have demonstrated that the potential for noise levels on curves could be significantly higher than considered in this assessment.

4.6.1.2 Consideration of highly resilient or very-highly resilient trackforms

Highly resilient or very highly resilient trackform may need to be installed in various sections of the alignment to reduce ground-borne vibration to sensitive receivers adjacent to the track. A sensitivity test has been undertaken based on the results of the noise modelling with a +2 dB correction applied to both the L_{Aeq} and L_{Amax} results to identify whether any additional receivers would qualify for mitigation. Based on the results of the sensitivity test, the additional receivers that would qualify for mitigation are listed below:

– residential dwelling at 174 South Street, Ermington (H470)
– residential dwelling at 17 Tristram Street, Ermington (H492)
– residential dwelling at 3 Tristram Street, Ermington (H500)
– residential dwelling at 31A Broadoaks Street, Ermington (I176)
– residential dwelling at 73 Hughes Street, Ermington (J093)
– residential development at 5 Uhrig Road, Lidcombe (R039).

During the design development process, various trackform types would be investigated to address potential ground-borne noise and vibration impacts. The airborne noise studies during the design development process would consider the various trackform types.

4.6.1.3 Confirmation of key assumptions used in the noise modelling

A review of the operational noise and vibration compliance reports for the City and South East Light Rail has been undertaken where discrepancies have been found between the predicted and measured noise levels at curves, crossovers and rolling noise from light rail vehicles. The most significant discrepancies were at compliance locations adjacent to curves where the difference between measured and predicted $L_{Aeq(9hour)}$ noise levels ranged from -7 dB to +3 dB and -17 dB to +9 dB for L_{Amax} noise levels. The curve gain corrections applied in this assessment are:

– + 3 dB for curves with a radius between 100 metres and 500 metres
– + 8 dB for curves with a radius less than 100 metres.

Once Stage 1 is complete, compliance noise monitoring would be undertaken comparing predicted noise levels with measured noise levels at selected compliance monitoring locations. The outcomes of the compliance reports would be taken into account during the design development process of the project including any adjustments to assumptions detailed in Appendix C-3 and Appendix C-4, where appropriate.

4.6.1.4 Operational road traffic noise

The results of the noise modelling indicate that 32 receivers are predicted to experience an increase in noise level greater than 2 dB and receive noise levels above the RNP controlling noise criteria. All identified receivers are located north of South Street and Boronia Street where the eastbound lane would move closer to the residences to allow for the centre-running light rail track.

During the design development process, a road traffic noise assessment would be undertaken considering the following:

– simultaneous noise monitoring and traffic count data for South Street, Boronia Street and side streets to validate the noise model in accordance with the *Model Validation Guideline* (Transport for NSW, 2018)
– a review of the forecast traffic volumes for the year opening and year opening + 10 years
– vehicles crossing over the rail track using traffic volumes forecast for the side streets

– three-dimensional road and light rail interface and local topography
– assessment against the requirements of the *Road Noise Policy* (DECCW, 2011) with consideration to the *Noise Criteria Guideline* (Transport for NSW, 2015a) and *Noise Mitigation Guideline* (Transport for NSW, 2015b).

Potential noise control measures are presented in Table 4.26 for consideration during the design development process.

Table 4.26 Noise control measures for operational road traffic noise impacts at South Street and Boronia Street

Element	Control option	Estimated noise benefit	Reasonableness and feasibility
Noise mounds and/or noise barriers	Block line of sight between the noise source (vehicles travelling on the road) and the most-affected residences using noise barriers or noise mounds.	Generally up to 10 dB of noise reduction depending on the height and location of the barrier, height and location of the source and height and location of the receiver.	Not considered reasonable or feasible as residences north of South Street and Boronia Street require driveway access.
Vehicle speeds (at-source)	Reducing vehicle speeds over the rail track using speed limits.	Assuming a 20*log relationship between speed and noise level and based on a 50 km/hr road speed limit: L_{Aeq} 2 dB for 40 km/hr L_{Aeq} 4 dB for 30 km/hr L_{Aeq} 6 dB for 20 km/hr L_{Aeq} >10 dB for 10 km/hr	Depends on the feasibility from a road performance and safety perspective.
Property treatment (at-receiver)	Property treatment (mechanical ventilation to allow windows to be closed – in accordance with the Building Code of Australia requirements).	Compared to open windows, a 10 to 20 dB reduction in noise levels would be expected when assessed internally depending on the glazing system (Rw 20 to 30).	Considered reasonable and feasible once noise control at the source has been investigated. During the design development process, further noise assessment would be undertaken to confirm mitigation requirements.

4.6.2 Ground-borne noise mitigation options

The results of the ground-borne noise and vibration modelling indicate that while all sensitive receivers are predicted to comply with the ground-borne vibration criteria, 129 residential receivers are predicted to exceed the ground-borne noise trigger levels (where the ground-borne noise levels are also higher than the airborne noise levels).

The RING notes that *"when the noise and vibration trigger levels identified in this guideline* [the RING] *and the associated guideline* Assessing vibration: a technical guideline *(DEC 2006) are likely to be exceeded, the noise and vibration assessment should identify feasible and reasonable mitigation measures."* The terms 'reasonable' and 'feasible' are as defined in section 4.6.1.

Similar to airborne noise, source control measures are the most-effective option as they benefit the greatest number of receivers. Furthermore, for ground-borne noise, they are often the only reasonable mitigation option.

An assessment of potential source control measures for ground-borne noise is provided in Table 4.27.

Table 4.27 Ground-borne noise source control measures

Element	Control option	Estimated noise benefit	Reasonableness and feasibility	Further investigation during design development?
Trackform alignment	Shift track alignment away from residential receivers in affected areas.	A doubling of distance between the source and receiver would provide a 5 to 20 dB benefit in noise levels due to greater material damping and geometric spreading.	Determined by other project alignment and operational constraints. Not feasible.	No.
Trackform stiffness	Decreasing track stiffness (i.e. increasing track resilience) via the use of special boots, sleeper pads, under-ballast mats or floating track systems to provide high or very high ground-borne noise and vibration attenuation.	Decreasing track stiffness would provide a 5 to 10 dB reduction in ground-borne noise levels. However, decreasing the track stiffness would have the adverse effect of increasing the airborne noise contribution at sensitive receivers. It is understood that ‘high’ and ‘very high’ attenuation tracks are installed in some sections of Stage 1 track. Noise and vibration measurements of these trackforms should be undertaken to accurately quantify potential ground-borne noise and vibration benefits and increase in airborne noise levels.	Reasonable and feasible at chainages adjacent to residential areas currently qualifying for mitigation.	Yes. To be considered between John Street stop and Melrose Park stop and future growth areas such as Camellia town centre and Melrose Park.
Light rail vehicle design	Reduction in light rail vehicle speed.	A 20 per cent reduction in speed would reduce ground-borne noise levels by 2 dB.	Note feasible as the light rail vehicle speed (and frequency) are essential to meet the service frequency and capacity demands for the project.	No
Maintenance	Minimise wheel and rail roughness.	Depends on whether rail roughness or wheel roughness dominates the system. The assessment assumes the wheel and rail is adequately maintained and as such, there would be no vibration ‘benefit’ from proper maintenance. Excessive vibration from wheel and rail irregularities due to poor maintenance could be significant.	The specification for operations would include requirements for maintaining the rail surface and train wheel condition in accordance with the relevant standards.	Yes

4.6.3 Fixed facilities – airborne noise mitigation options

4.6.3.1 Light rail stops

Due to the infrequent use of PA systems at light rail stops, noise impacts are not anticipated at residences adjacent to the light rail stops. Nevertheless, PA systems at stops should be designed to comply with the NpfI intrusiveness noise levels and the sleep disturbance screening criterion at all stops.

Table 4.28 presents a summary of the subjective level of noise impact for each light rail stop and mitigation measures to be considered during the design development process.

Table 4.28 Mitigation considerations for light rail stops

Subjective level of impact	Light rail stop	Description of impact	Recommended mitigation	Further comments
None	– Holker Street – Jacaranda Square – Olympic Boulevard.	The nearest existing residential receivers are sufficiently distant that noise impacts are not anticipated.	PA systems at stops should be designed to comply with the NpfI intrusiveness and sleep disturbance noise trigger levels at all locations. PA systems would be self-adjusting to the ambient noise level to ensure a balance between speech intelligibility for customers and prevention of annoyance for neighbours.	None.
Low	– Sandown Boulevard – Melrose Park – Waratah Street.	The nearest existing residential receivers are sufficiently distant that noise impacts are not anticipated, however future re-zoning is planned in Camellia town centre and Melrose Park where residences may be located adjacent to these light rail stops.		The design of these light rail stops should consider future residential land uses during the design development process.
Moderate	– John Street – Nowill Street – River Road – Murdoch Street – Atkins Road – Footbridge Boulevard – Hill Road – Carter Street.	The nearest existing residential receivers may experience temporary annoyance during PA announcements. The infrequent nature of the announcements is anticipated to result in minimal subjective noise impacts at stops.		Design considerations could include: – Facing PA speakers away from nearest residences and towards the ground – More speakers at lower volume rather than a few speakers at high-volume.

4.6.3.2 Traction power substations

The results of noise modelling indicate that noise emission from traction power substations is predicted to comply with the NPfI intrusiveness trigger levels at all nearby sensitive receivers. Further noise modelling would be undertaken during the design development process to ensure the final design of the substations complies with the relevant environmental noise limits.

4.6.3.3 Stabling and maintenance facility

An investigation of possible noise mitigation options to reduce noise levels from the additional light rail vehicle movements associated with the Stage 2 operations at the stabling and maintenance facility is provided in Table 4.29. At-source and at-receiver noise mitigation measures are recommended as in-transmission noise controls (noise barriers) are considered not reasonable or feasible to be effective in reducing noise levels to potential future residential receivers at the Camellia town centre.

Table 4.29 Mitigation options for stabling and maintenance facility – Stage 2 operations

Noise mitigation type	Mitigation description	Description of impact
At-source	Prevention of curve squeal.	Tracks to be constructed to a high standard, the rail and light rail vehicle wheels well maintained and tight curve sections to be well lubricated. This could include incorporation of a permanent wayside top of rail friction modifier (TORFM) system.
In-transmission	Noise barriers between source and receiver	The Draft Camellia Rosehill Strategy indicates residential towers of up to 24 storeys at this location. A noise barrier would be ineffective in blocking the line-of-sight from the light rail vehicles to these receivers.
At-receiver	Architectural treatment at the receiver	Opportunity for future residential developments to incorporate acoustic treatments as part of their design and approval. Further modelling would be undertaken during the Stage 2 design development process to determine cumulative noise levels of the Stage 1 and Stage 2 operations at these receivers. The required noise mitigation required for these receivers would be refined during this stage. It is likely that these future residential developments would also need to consider architectural treatments to ensure the requirements of the Transport and Infrastructure SEPP can be met due to the proximity of these buildings to the Stage 2 light rail alignment.

4.6.4 Future planning control options

The design development of the project would consider future development in the selection of at-source mitigation options, where feasible. In parallel, future development adjacent to the project would also be required to consider noise and vibration intrusion to protect the acoustic amenity of future occupants. Planning controls have been recommended in Table 4.30 for consideration.

Table 4.30 Recommended planning controls at Camellia town centre and Melrose Park North and South precincts

Future receiver area	Recommended planning control
Camellia town centre	– Consideration of applying a setback distance of a minimum 25 metres from the track for residential development in the local development control plan. – Noise-sensitive development (residences, educational facilities, child care centres and places of worship) within 50 metres of the track should consider noise and vibration from the facility in their design and approval to comply with the requirements in Clause 87 of the Transport and Infrastructure SEPP. – Sensitive development within 150 metres of the stabling and maintenance facility (including the turnouts) at Camellia should consider airborne noise emission from the facility in their design and approval.
Melrose Park North and South precincts	– Consideration of applying a setback distance of a minimum 25 metres from the track for residential development in the local development control plan. – Noise-sensitive development (residences, educational facilities, child care centres and places of worship) within 50 metres of the track should consider noise and vibration project from the facility in their design and approval to comply with the requirements in Clause 87 of the Transport and Infrastructure SEPP.

4.6.5 Summary of operational noise and vibration mitigation measures

Project specific mitigation measures have been recommended from the analysis of predicted impacts and would be required to be implemented in order to reduce the number of potentially impacted receivers. Table 4.31 provides details of the project specific mitigation measures.

Table 4.31 Recommended project specific mitigation and management measures during operation

Project element	Mitigation type	Mitigation measure
Light rail vehicles, light rail track, PA systems at stops, substations and modifications to the stabling and maintenance facility	Operational noise and vibration review (ONVR)	An operational noise and vibration review (ONVR) of the developed design would be undertaken to review the potential for operational impacts and confirm feasible and reasonable mitigation measures to be incorporated into the design. The ONVR would include: – reviewing compliance monitoring for Parramatta Light Rail Stage 1 to refine the assumptions used for Parramatta Light Rail Stage 1 and determine effectiveness of the mitigation implemented – surveying relevant buildings to determine appropriate internal noise trigger levels – undertaking a survey of vibration sensitive equipment within 100 metres of the project site – co-ordination of Stage 1 and Stage 2 contractors to ensure any additional receivers qualifying for mitigation consideration due to a doubling of vehicles on the shared track are captured – design thresholds for the light rail track to reduce how proud the track sits above the road surface where vehicles cross the light rail track – Public address systems at stops would be designed to comply with the *Noise Policy for Industry* (NSW EPA, 2017) intrusiveness and sleep disturbance noise trigger levels at all locations. PA systems would include automatic volume adjustments to account for the ambient noise level – traction power substations would be designed to comply with the NPfI criteria – a detailed road traffic noise assessment would be undertaken for the reconfiguration of South and Boronia streets in accordance with the *Noise Criteria Guideline* (Roads and Maritime, 2015a) and the *Noise Mitigation Guideline* (Roads and Maritime, 2015b) to confirm receivers that qualify for consideration of feasible and reasonable mitigation measures – new tracks (including at the stabling and maintenance facility) are to be constructed to a high standard, the rail and light rail vehicle wheels well maintained and tight curve sections to be well lubricated. This could include incorporation of a permanent wayside top of rail friction modifier (TORFM) system – consideration of feedback from, and preferences of, directly affected landowners/landholders. The operational noise and vibration review would be undertaken in consultation with relevant council(s) and the NSW EPA. The review would be developed in accordance with the RING, the NPfI and the RNP.
Light rail vehicles, light rail track, PA systems at stops, traction power substations and modifications to the stabling and maintenance facility	Review of operational mitigation performance	Monitoring of noise and vibration would be undertaken within 12 months of the commencement of operation to compare actual noise and vibration performance against that predicted by the operational noise and vibration review (ONVR). The results of monitoring would be documented in an operational noise and vibration compliance report. Additional feasible and reasonable mitigation measures would be considered where any additional receivers are identified as qualifying for consideration of noise mitigation in accordance with the relevant guidelines.
Light rail infrastructure and road traffic noise	Early implementation of operational noise mitigation	Consideration would be given to implementing operational noise mitigation early in the construction program to reduce the potential for construction noise impacts, where the mitigation would not be impacted by future works.

4.7 Residual noise and vibration levels

As the mitigation options would be explored in detail during the design development process, it is difficult to estimate the residual noise levels at sensitive receivers at this stage with accuracy. A qualitative assessment of residual noise impacts is presented in Table 4.32 for each noise and vibration generating element of the project.

Table 4.32 Qualitative assessment of potential residual noise impacts

Noise source	Qualitative assessment of potential residual noise impacts
Airborne noise from light rail vehicles	No residential receivers have been identified as qualifying for consideration for mitigation as noise levels are not predicted to exceed the L_{AMax} trigger level of 80 dBA.
Ground-borne noise from light rail vehicles	The majority of exceedances of the ground-borne noise trigger levels are at residences between the John Street stop and the Melrose Park stop, where unmitigated noise levels are predicted to be between 35 dBA and 49 dBA at the receiver that qualify for consideration for mitigation. The installation of highly resilient or very highly resilient trackform is predicted to reduce ground-borne noise levels by 5 to 10 dBA. As most of qualifying receivers are predicted to receive noise levels within 35 dBA to 40 dBA, residual noise levels would be below the 35 dBA trigger level for these receivers. For receivers predicted to receive noise unmitigated noise levels of 40 dBA or higher, residual noise impacts may be experienced. The most-affected receiver is predicted to receive residual noise levels of 39 dBA assuming a 10 dB reduction in noise levels.
Ground vibration	No exceedances of the ground vibration criteria have been predicted. As such, no residual impacts are anticipated.
Operational road traffic noise – South Street and Boronia Street	It has been recommended that a detailed operational road traffic noise assessment be undertaken for the reconfiguration of South Street and Boronia Street as a result of the project. This assessment would be undertaken against the requirements of the *Noise Mitigation Guideline* (Transport for NSW, 2015) where at-source mitigation options would be considered and implemented where they are reasonable and feasible. Any residual noise impacts would be addressed with at-property treatments depending on the level of exceedance above the road noise criteria.
Fixed facilities	– Noise from PA systems would be designed to comply with NPfI. No residual impacts are anticipated. – Noise from traction power substations is not predicted to result in any exceedances of the NPfI trigger levels. No residual impacts are anticipated. – Residual noise from the stabling and maintenance facility are predicted to exceed NPfI trigger levels at future residential receivers. At-receiver controls are not likely to affect outdoor noise levels (i.e. on balconies), however with 6.38 mm laminated glazing or better installed, noise levels would be negligible when assessed internally.

5. Conclusion

Construction noise and vibration

Construction noise

Consistent with other major transport infrastructure projects in suburban and urban areas, noise impacts would be inevitable during construction as noise intensive equipment would be required in proximity to sensitive receivers.

Table 5.1 provides a qualitative overview of the potential impacts associated with the project.

Table 5.1 Qualitative overview of construction noise impacts

Qualitative impact	Activity	Comments
High impact (long term)	– light rail track and public domain works – bridge works – roadworks and other pavement works.	Due to the proximity and duration of works to sensitive receivers especially at Rydalmere, Ermington, Melrose Park, Wentworth Point, Lidcombe and the Parramatta CBD (mainly commercial receivers), a significant number of >20 dB NML exceedances are predicted. NML exceedances are predicted to be <10 dB at sensitive receivers for works in Camellia and for most works at Sydney Olympic Park due to the large separation distances between construction works sites and sensitive receivers. OOHW work (including night works) would also be required for various construction activities to minimise disruptions to the transport network.
High impact (short term)	– demolition works (including clearing) – compound site (including clearing) – construction of stops – construction of substations.	Due to the proximity of works to sensitive receivers especially at Rydalmere, Ermington, Melrose Park, Wentworth Point and Lidcombe, a significant number of 10-20 dB and >20 dB NML exceedances are predicted although noise intensive activities are expected to be relatively short-term. NML exceedances are predicted to be <10 dB at sensitive receivers for works in Camellia and for most works at Sydney Olympic Park due to the large separation distances between construction works sites and sensitive receivers.
Lower impact	– spoil and ballast recycling – modification works at stabling and maintenance facility at Camellia – track and road works in Camellia.	Due to the large separation distance between these works in the Camellia industrial area and the nearest sensitive receivers, NML exceedances are predicted to be nil or <10 dB at sensitive receivers given there is a minimum separation distance of 800 metres between the work area and the nearest residences in Rosehill and Rydalmere. OOHW (including night work) is not anticipated to result in significant impacts at sensitive receivers.

To shorten the length of construction and minimise associated disruptions to the community, an extension of the ICNG recommended standard hours have been proposed, subject to approval. The proposed primary project working construction hours proposed are 7am to 7pm, Monday to Sunday including public holidays. Engagement was undertaken with a selection of community members to gain an understanding of the community's preference with balancing the primary project working hours, the overall construction program length and their amenity during the construction period. Survey results found that a total of 75 per cent of respondents supported the primary project working hours on weekdays, 67 per cent supported them on Saturdays and 53 per cent supported the primary project working hours on Sundays and/or public holidays.

Where noise levels have been predicted to exceed NMLs, reasonable and feasible work practices have been recommended to reduce potential impacts. The standard measures (management, source mitigation and path mitigation measures) prescribed in the CNVS would apply, where reasonable and feasible. Residual noise impacts would managed in accordance with the CNVS where additional mitigation measures would apply once all reasonable and feasible mitigation measures have been implemented.

Project specific management and mitigation measures have also been recommended and would be reviewed and refined during the design development process.

Various construction activities would occur outside the primary project working construction hours (including night works) for safety reasons and to minimise disruptions to the transport network.

To assist with managing impacts during OOHW, these activities would require:

- consideration of the hierarchy of time periods for works outside the ICNG recommended standard hours and a strong justification for work outside of these hours
- the development of a OOHW protocol to be included in the NVMP and CEMP
- the development of site or activity specific Construction Noise and Vibration Impact Statements (CNVIS) in accordance with the CNVS.

Construction vibration

The outcomes of the construction vibration impact assessment indicate the following:

- 455 buildings fall within the safe working distance for cosmetic damage (unreinforced buildings) due to vibratory intensive works associated with the project
- 958 buildings have been identified as falling within the safe working distance for human comfort due to vibratory intensive works associated with the project
- various heritage items and sensitive structure items along the project site have also been identified as falling within the screening distance for potential damage.

Condition surveys would be undertaken at various buildings identified as falling within the safe working distances for cosmetic damage. Where appropriate, vibration management levels would be refined and vibration monitoring would be undertaken where vibratory intensive work would be expected to exceed vibration management levels to determine site specific minimum working distances. Vibration impacts to human comfort would be managed through the additional mitigation measures prescribed in the CNVS.

Known Aboriginal sites, potential Aboriginal archaeological deposits and Historic Archaeological Management Units of potential high local and/or State significance have been identified within the project site. Detailed assessments and a test excavation program is proposed, prior to construction works, to confirm the presence of archaeological site and sensitivity to vibratory equipment. As far as reasonably practical, direct or indirect impacts on items and sites of Aboriginal and non-Aboriginal heritage significance would be avoided and would be considered during the design development and construction planning phases of the project.

Construction traffic

Sensitive receivers adjacent to the following roads have been identified as exceeding the RNP noise requirements during the construction period:

- South Street (collector road) – between Silverwater Road and River Road
- John Street (local road) – between South Street and Antoine Street
- Fallon Street (local road) – between Primrose Avenue and John Street
- Primrose Avenue (local road) – between South Street and John Street
- Hilder Road (local road) – between Tristram Street and Coffey Street.

Management and mitigation measures have been recommended to reduce potential construction traffic noise related impacts at sensitive receivers.

Noise and Vibration Management Plan

A Construction Environmental Management Plan (CEMP) would be prepared during the design development process and implemented through all construction activities. A Noise and Vibration Management Plan (NVMP) would be included in the CEMP to provide the framework for the management and mitigation of potential construction noise and vibration impacts.

Operational noise and vibration

Airborne noise

Three additional receiver buildings have been identified to qualify for airborne noise mitigation as a result of the doubling of light rail vehicle movements along the section of track shared by Stage 1 and Stage 2 light rail vehicles. These receivers are:

– Pre-Uni New College Parramatta – 3 Barrack Lane, Parramatta (educational institute)
– PM Counselling Services – 153 George Street, Parramatta (medical)
– Arthur Phillip High School – 80 -100 Macquarie Street (educational institute).

For the surface track between the Sandown Boulevard stop and the Carter Street stop, no residential receivers have been identified as qualifying for mitigation consideration in accordance with the RING.

A sensitivity check has also been undertaken applying a +2 dB correction to the predicted levels to account for the potential of highly resilient or very highly resilient trackform to reduce ground-borne noise and vibration from the track. The sensitivity check indicates that six residential buildings could qualify for mitigation consideration.

Ground-borne noise and vibration

A total of 129 residential receivers are predicted to exceed the night-time ground-borne noise trigger levels prescribed in the RING, where the ground-borne noise level also exceeds the airborne noise level. The qualifying receivers are primarily located adjacent to the alignment between the John Street stop and the Melrose Park stop, with a few isolated receivers in Wentworth Point and Lidcombe.

Generally, at-source control measures are the most-effective option as they benefit the greatest number of receivers. Control measures in transmission, such as noise barriers, are not considered an effective measure to reduce ground-borne noise and vibration.

Potential at-source noise mitigation options have been discussed including control options for the trackform and maintenance of the track to minimise friction between the wheel and the rail.

Decreasing the track stiffness (i.e. increasing track resilience) via the use of special boots, sleeper pads, under ballast mats or floating track systems to provide high or very-high ground-borne noise and vibration attenuation would be investigated during the next stages of design, especially between the John Street and Melrose Park stops where most affected residences are located.

Property treatments at the receiver would be considered once reasonable and feasible at-source mitigation measures have been implemented.

Compliance noise and vibration measurements from Parramatta Light Rail Stage 1 and the Sydney CBD and South East Light Rail would assist with informing the key assumptions adopted during the design development process for Stage 2. Additionally, the effectiveness of various mitigation measures implemented for Stage 1 would inform the mitigation strategy for Stage 2.

Future development adjacent to the project

Noise and vibration sensitive development within the Camellia town centre and the Melrose Park North and South precincts that are approved prior to the approval of the project would be considered during the design development process. For developments approved subsequent to the approval of the project, developers would be required to ensure the design of the development complies with Clause 87 of the Transport and Infrastructure SEPP. Operational noise contours have been provided to show indicative noise levels across these urban growth areas to assist in the planning of these areas. Planning controls have also been recommended for future development adjacent to the project alignment.

Airborne noise from fixed facilities

PA systems would be designed to comply with the NPfI intrusiveness and sleep disturbance trigger levels at all sensitive receivers. PA systems would also be self-adjusting to the ambient noise level to reduce noise levels during more sensitive periods of the day.

Traction power substations would also be designed to comply with the lower of the NPfI intrusiveness and amenity noise levels at sensitive receivers. The rectifier and auxiliary transformers would be housed inside buildings to reduce the potential for noise impacts at receivers.

It has been predicted that light rail vehicle noise at the stabling yards and entering and exiting the facility would be the dominant noise source contributing to exceedances of the operational noise trigger levels at potential future receivers at the Camellia town centre. At-source noise mitigation has been recommended to prevent curve squeal noise and it has also been recommended that future developments incorporate acoustic treatments as part of their design and approval, considering noise from the project.

Changes to the road traffic noise levels during operation

The estimated forecast ‘no build’ and ‘build’ traffic volumes along the local road network for 2031 have been used to calculate whether any sections of road are predicted to increase by more than 2 dB as a result of the project. The predictions indicate that no section of road is predicted to increase by more than 2 dB based on the forecast traffic volumes.

Vehicles crossing over rail tracks

It has been predicted that the $L_{Aeq(15hour)}$ and $L_{Aeq(9hour)}$ noise levels could increase by up to 0.6 dB at the most-affected sensitive receivers to these intersections. Taking into account the forecast traffic volumes and potential increase in LAeq noise levels where vehicles would cross the rail track, $L_{Aeq(15hour)}$ and $L_{Aeq(9hour)}$ road noise levels are not predicted to increase by more than 2 dB. Note should be made that L_{Afmax} noise levels could increase by approximately 5 to 7 dB at these intersections depending on the type of vehicle and its speed.

Reconfiguration of road at South Street and Boronia Street

Sections of South Street and Boronia Street would require minor reconfigurations as a result of the project, where the eastbound lanes would move closer to residences to the north of South Street and Boronia Street to allow for a centre-running light rail track. Additionally, there are various intersections along South Street and Boronia Street where vehicles would cross over the rail tracks.

The results of the noise modelling indicate that 32 receivers are predicted to experience an increase in noise level greater than 2 dB and receive noise levels above the RNP controlling noise criteria for residences adjacent to collector roads, being $L_{Aeq(15hour)}$ 60 dBA for the day period and $LA_{eq(9hour)}$ 55 dBA during the night period.

All identified receivers are located north of South Street and Boronia Street where the eastbound lane would move closer to the residences to allow for the centre-running light rail track. It is recommended that an operational traffic noise assessment be undertaken during the design development process in accordance with RNP and the relevant Transport for NSW road traffic noise guidelines.

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Appendix A

Acoustical terms and glossary

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:

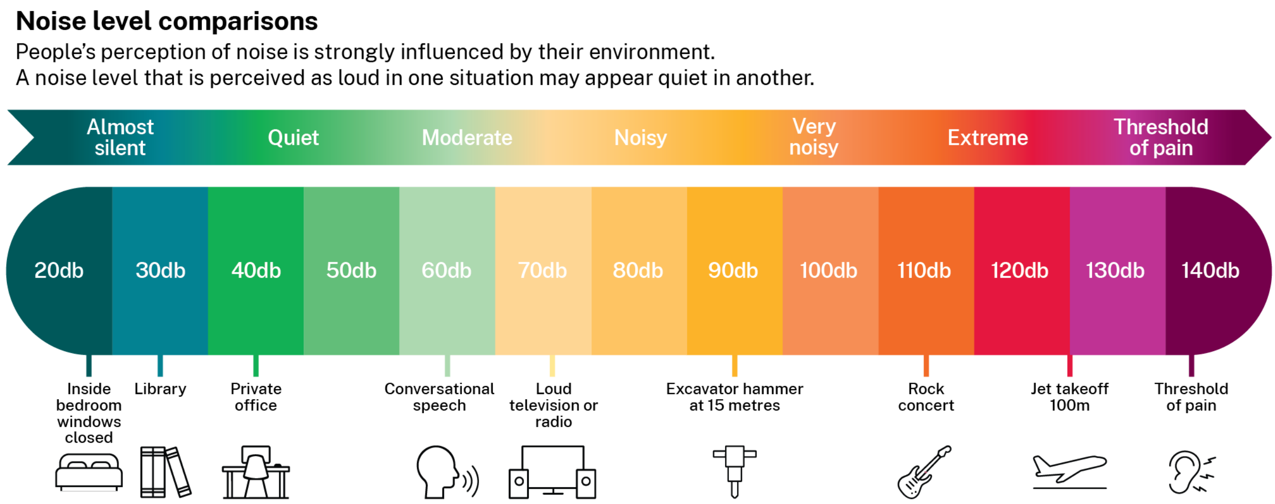
- How loud the source activity is and the type of source:
  - Point (e.g. a pump or motor)
  - Line (e.g. a road or railway line)
  - Area (e.g. the external façades of an industrial building)
- The distance from the source to receiver
- The type of ground between the sound and receiver locations (e.g. 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 µPa or 20×10^{-6} Pa as the reference level and is defined as 0 dB.

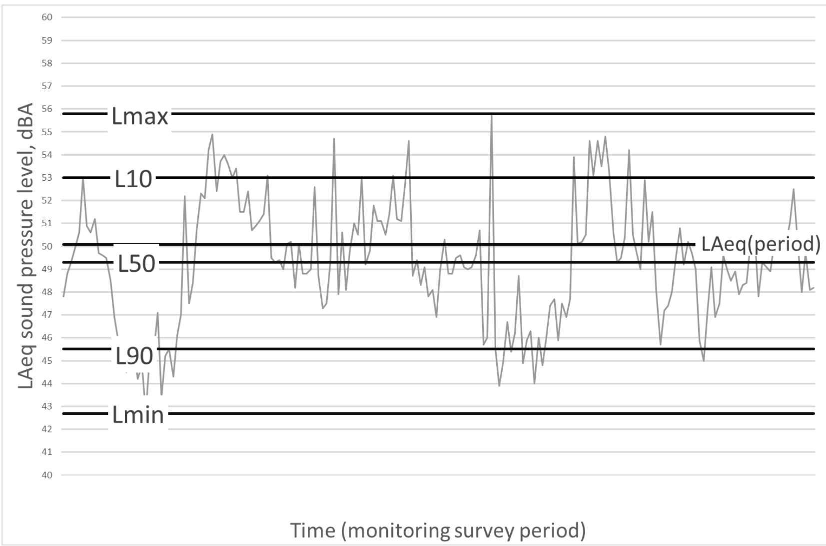
Typical noise levels

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



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 leve, 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.
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/Vo), where Vo 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

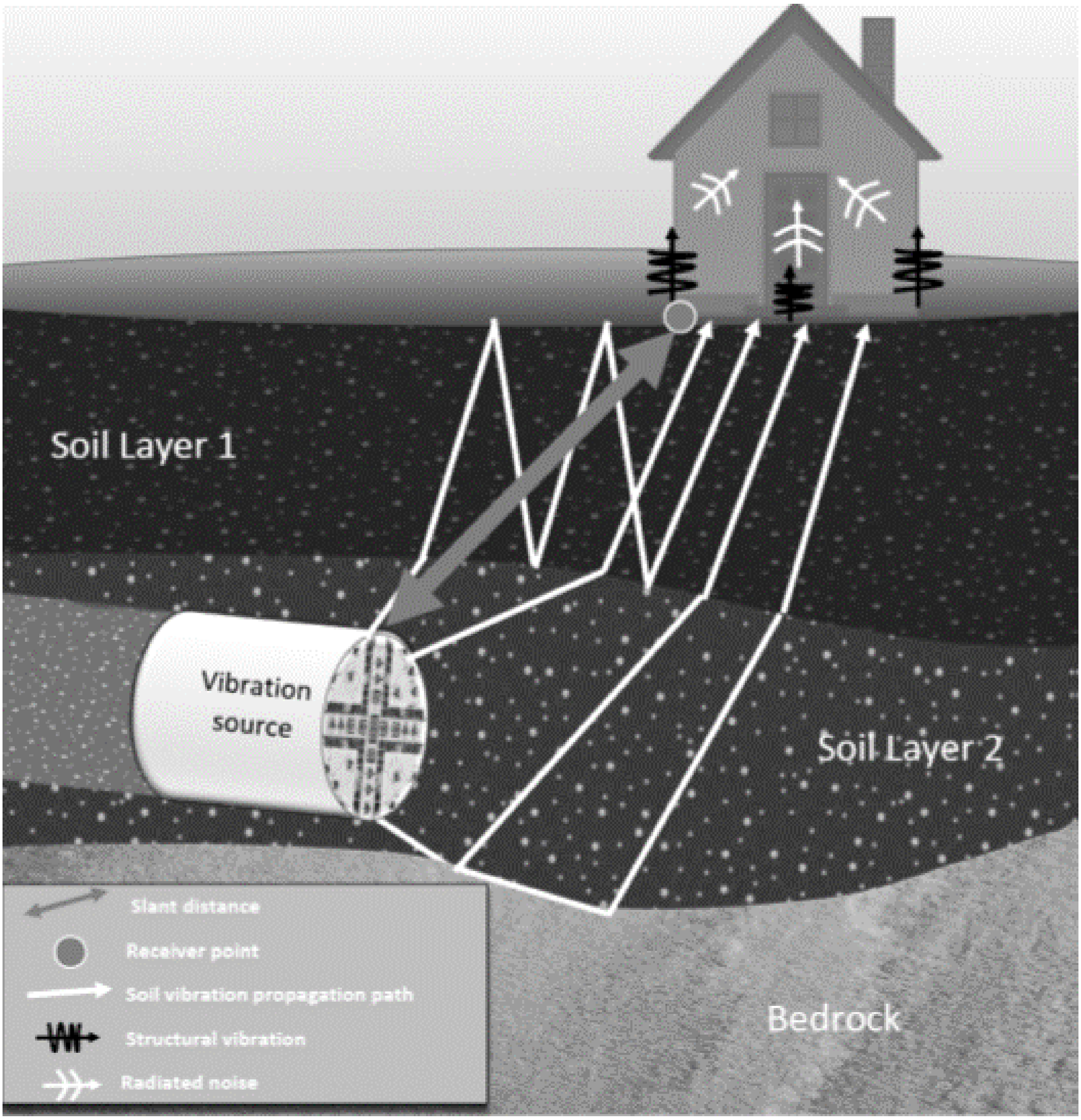
Typical ground vibration from civil construction activities occurs in the frequency range of approximately 8 Hz to 100 Hz. Within this frequency range, building contents such as blinds and pictures would commence visible movement at 0.5 mm/s. At vibration levels higher than 0.9 mm/s, rattling of windows, 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	*Interim Construction Noise Guideline* (DECC, 2009).
NPfI	*Noise Policy for Industry* (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	*Road Noise Policy* (DECCW, 2011).
SEARs	Secretary’s Environmental Assessment Requirements
SPL	Sound Pressure Level
SWL	Sound Power Level
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.

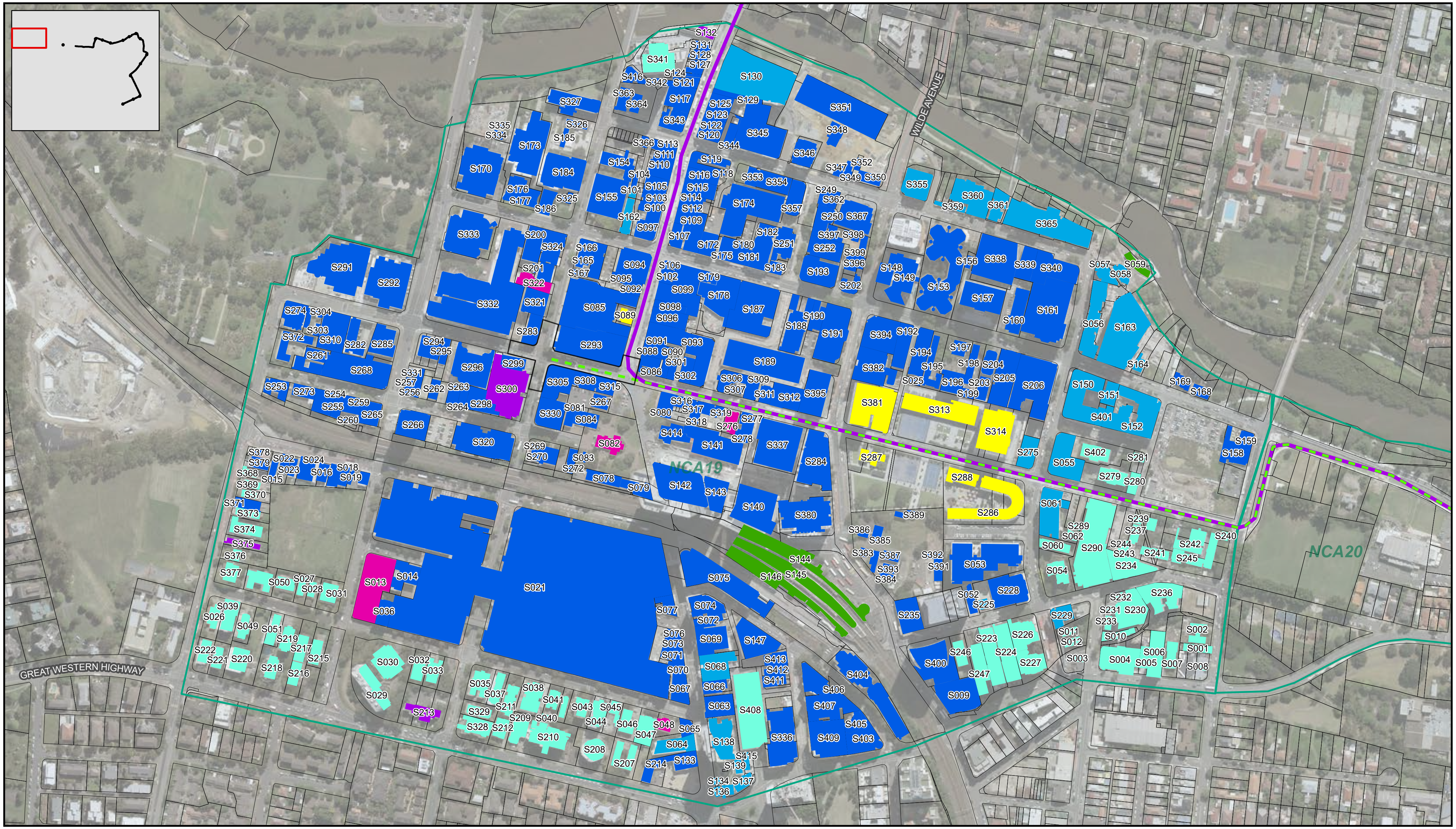
Common Terms

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 *Environmental Planning and Assessment Act 1979* 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

Sensitive receivers



Legend

- Stage 1 Alignment
- Shared running with PLR Stage 1
- Project site
- NCAs
- Cadastre

Sensitive Receiver

- Commercial
- Educational institute
- Hotel
- Mixed use
- Non-sensitive
- Place of worship
- Residential

Paper Size ISO A4

0 100 200

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

Sensitive receivers

FIGURE B-1.1

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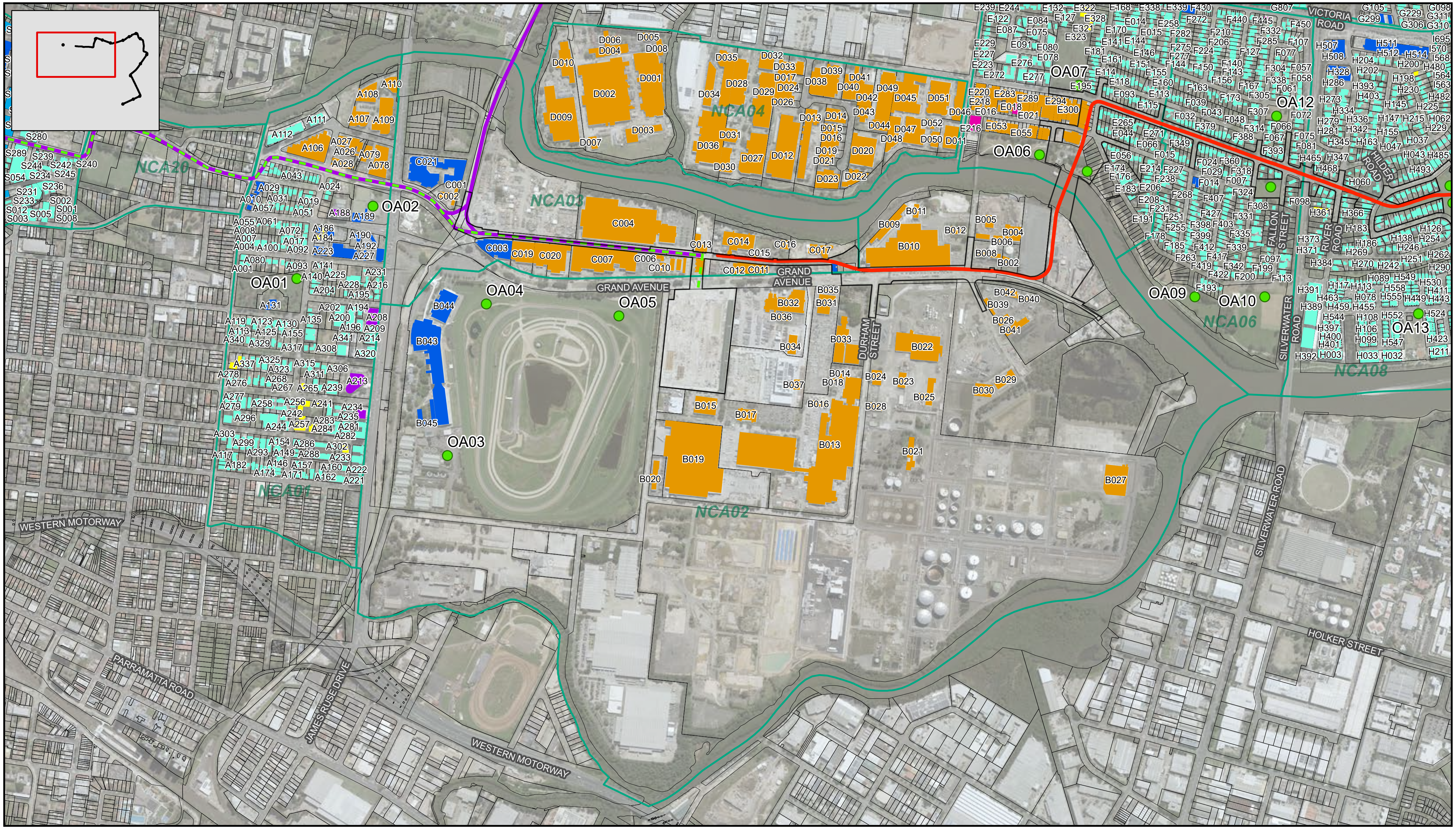

Legend

- Stage 1 Alignment
- Shared running with PLR Stage 1
- Stage 2 Alignment
- Project site
- NCAs
- Cadastre
- Open area receiver

Sensitive Receiver

- Commercial
- Educational institute
- Hotel
- Industrial
- Mixed use
- Non-sensitive
- Place of worship
- Residential

Paper Size ISO A4

0 230 460

Meters

N

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

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

Sensitive receivers

FIGURE B-1.2

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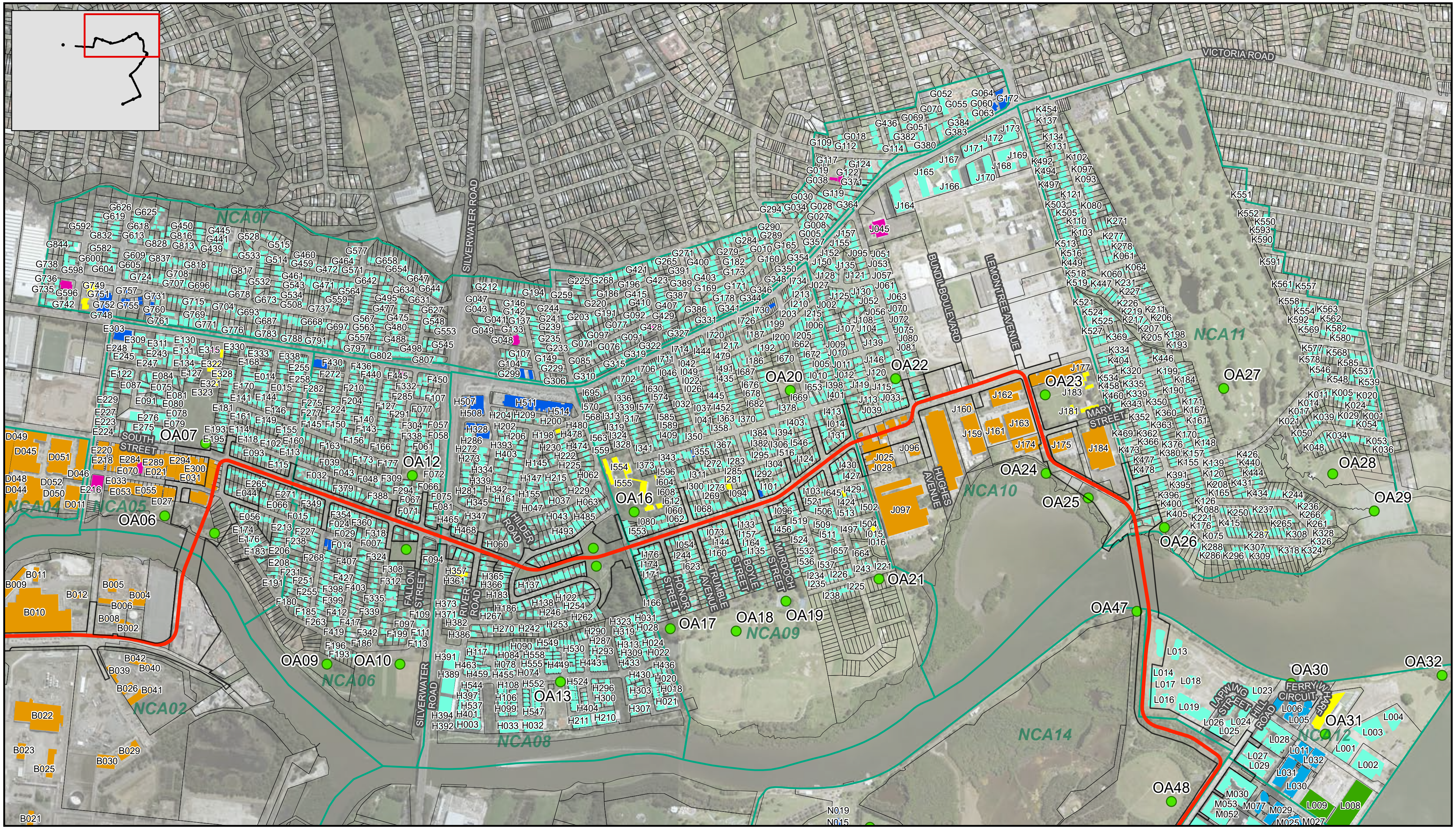

Legend

- Stage 2 Alignment
- Project site
- NCAs
- Cadastre
- Open area receiver

Sensitive Receiver

- Commercial
- Educational institute
- Industrial
- Mixed use
- Non-sensitive
- Place of worship
- Residential

Paper Size ISO A4

0 225 450

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Project No.	12557728
Revision No.	-
Date	28/06/2022

Sensitive receivers

FIGURE B-1.3

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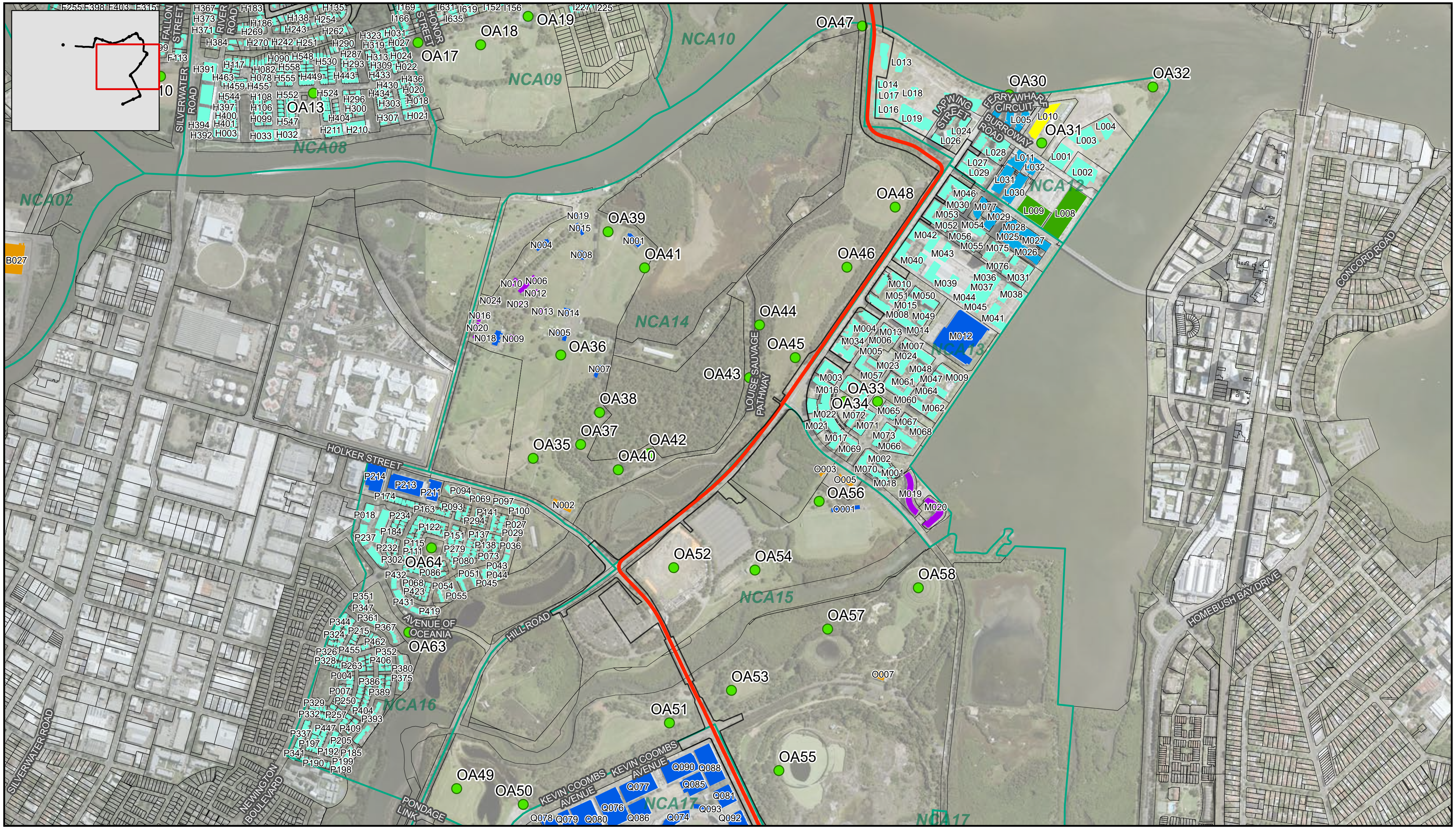

Legend

- Stage 2 Alignment
- Project site
- NCAs
- Cadastre
- Open area receiver

Sensitive Receiver

- Commercial
- Educational institute
- Hotel
- Industrial
- Mixed use
- Non-sensitive
- Residential

Paper Size ISO A4

0 230 460

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Sensitive receivers

Project No.	12557728
Revision No.	-
Date	28/06/2022

FIGURE B-1.4

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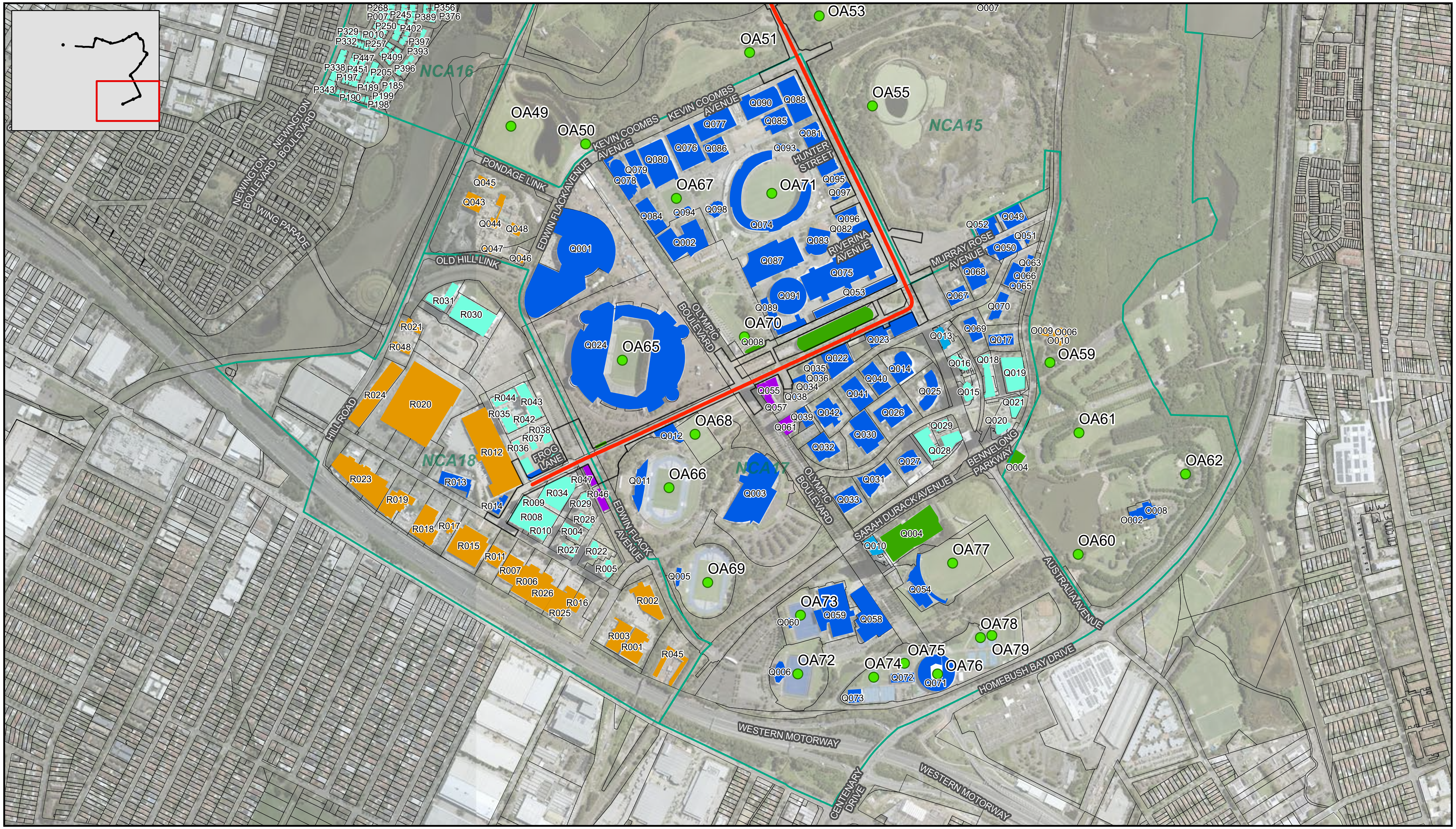

Legend

- Stage 2 Alignment
- Project site
- NCAs
- Cadastre
- Open area receiver

Sensitive Receiver

- Commercial
- Hotel
- Industrial
- Mixed use
- Non-sensitive
- Residential

Paper Size ISO A4

0 210 420

Meters

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

N

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Project No.	12557728
Revision No.	-
Date	28/06/2022

Sensitive receivers

FIGURE B-1.5

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Print date: 28 Jun 2022 - 19:26

Data source: Metromap Tile Service: . Created by: lmanasan

Appendix C

Detailed methodologies

C-1 Noise monitoring methodology

Background noise monitoring (long term method in accordance with the Noise Policy for Industry (NPfI) (EPA, 2017) was undertaken at 11 residential locations within the study area to quantify the existing background and ambient noise levels in the surrounding environment. The measured L_{A90} background noise levels have been used to establish the rating background noise levels (RBLs) for each the relevant periods of the day, in accordance with Fact Sheet A and Fact Sheet B of the NPfI. The RBLs have been used to establish the construction noise management levels (NMLs) in accordance with the ICNG and the intrusiveness noise levels in accordance with the NPfI.

Attended noise monitoring was also undertaken at each residential logger location to characterize the existing noise environment and describe typical noise sources in the area. L_{Amax}, L_{Aeq}, L_{A10} and L_{A90} noise levels were measured during the 15-minute monitoring period.

The methodology for the noise monitoring program included the following:

– Noise monitoring was undertaken using nine Svan 977 and two Rion NL-52 Type 1 environmental noise loggers. All noise loggers were programmed to accumulate L_{A90}, L_{A10} and L_{Aeq} noise descriptors continuously over the entire monitoring period. Details and results of the noise monitoring equipment are provided in tables below.
– A calibration check was performed on the noise monitoring equipment using a sound level calibrator. 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 ± 0.5 dB.
– All monitoring activities were undertaken with consideration of the specifications outlined in Australian Standard AS1055 (1997) *Description and Measurement of Environmental Noise.*
– Noise monitoring was undertaken from Thursday 9 December 2021 to Wednesday 22 December 2021, at the 11 residential locations along the light rail alignment to determine rating background levels (RBLs), and was used to establish the construction NMLs and operational noise trigger levels. The noise loggers also measured existing ambient and road traffic noise levels for reference. Note should be made that:
  - Noise logger H failed after four days and the data is considered insufficient to establish RBLs. Noise data from Noise logger F has been used to establish RBLs for NCA-H
  - Noise logger I failed after seven days and the data is considered sufficient to establish RBLs.
– Meteorological data (wind speed, wind direction, rainfall, temperature and humidity) was sourced from the Bureau of Meteorology's Sydney Olympic Park AWS (station number 066212).
– The data collected by the noise loggers was downloaded and analysed to determine invalid data due to adverse weather conditions. Invalid data generally refers to periods of time where average wind speeds were greater than 5 m/s, or when rainfall occurred.
– Determination of the RBLs were undertaken in accordance with NPfI.
– Attended noise measurements were undertaken using a Svan 977 Type 1 environmental sound level meter (SLM) (Serial no. 36872). A calibration check was performed on the SLM using a sound level calibrator. 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 logger was found to be within the acceptable tolerance of ± 0.5 dB (-0.1 dB drift).

Table C.1 Logger A – 5 Hope Street, Rosehill

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Thursday-9-Dec-21	53	49	42	62	60	59	61	59	62	62
Friday-10-Dec-21	52	49	40	62	60	57	61	57	62	59
Saturday-11-Dec-21	50	49	40	60	59	55	60	55	61	57
Sunday-12-Dec-21	48	48	37	59	59	57	59	57	60	60
Monday-13-Dec-21	51	48	40	61	59	58	61	58	62	61
Tuesday-14-Dec-21	52	48	41	62	61	57	62	57	62	60
Wednesday-15-Dec-21	51	50	39	61	59	57	61	57	62	59
Thursday-16-Dec-21	52	49	39	62	60	57	61	57	62	60
Friday-17-Dec-21	51	51	43	61	60	57	61	57	62	59
Saturday-18-Dec-21	50	50	40	59	59	55	59	55	60	57
Sunday-19-Dec-21	48	49	40	57	58	57	58	57	59	60
Monday-20-Dec-21	51	48	40	61	65	57	63	57	63	59
Tuesday-21-Dec-21	49	48	40	61	59	58	60	58	62	62
Wednesday-22-Dec-21	52	-	-	63	-	-	63	-	65	-
RBL	**51**	**49**	**40**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Overall Leq	**-**	**-**	**-**	**61**	**60**	**57**	**61**	**57**	**62**	**60**

Equipment details	Equipment settings
RION NL-52 Type 1 SN: 131631 1.5 m above ground level Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: -0.3 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017
Equipment photo	**Logger location**
	

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
9 December 2021 13:15 to 13:30	77	62	65	53		– James Ruse Drive traffic noise is dominant – Trucks ~71 dBA Lmax – Cars ~50 to 60 dBA LAeq – Buses ~ 65 dBA LAeq – Local traffic on Hope Street and some birds

Table C.2 Logger E – 100 South Street, Rydalmere

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Thursday-9-Dec-21	48	38	37	58	52	52	56	52	58	56
Friday-10-Dec-21	45	41	36	57	52	49	56	49	58	52
Saturday-11-Dec-21	43	39	36	56	54	48	56	48	56	49
Sunday-12-Dec-21	37	39	33	54	53	49	53	49	54	53
Monday-13-Dec-21	42	38	35	57	54	50	56	50	58	52
Tuesday-14-Dec-21	42	35	34	57	56	49	57	49	59	52
Wednesday-15-Dec-21	41	40	32	57	58	51	57	51	58	55
Thursday-16-Dec-21	45	40	32	57	54	49	56	49	59	53
Friday-17-Dec-21	43	42	32	58	55	49	58	49	60	51
Saturday-18-Dec-21	39	40	33	54	52	48	53	48	55	52
Sunday-19-Dec-21	40	38	32	53	57	50	55	50	55	53
Monday-20-Dec-21	43	35	33	57	52	49	56	49	58	52
Tuesday-21-Dec-21	42	35	30	57	52	50	56	50	58	54
Wednesday-22-Dec-21	42			57			57	-	59	-
RBL	**42**	**39**	**33**	-	-	-	-	-	-	-
Overall Leq	-	-	-	**57**	**55**	**50**	**56**	**50**	**58**	**52**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 36872 1.5 m above ground level Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: -0.1 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017
Equipment photo	Logger location
	

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
9 December 2021 14:02 to 14:17	75	57	60	46		– Road traffic noise along South Street is dominant – Cars ~52 to 72 dBA LAeq – Bird noise and nearby dogs barking – Truck pass-by 72 dBA Lmax.

Table C.3 Logger F – 168 South Street, Rydalmere

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Thursday-9-Dec-21	53	45	42	63	57	56	59	56	62	60
Friday-10-Dec-21	50	47	40	61	56	52	60	52	64	55
Saturday-11-Dec-21	49	47	40	59	57	53	58	52	60	54
Sunday-12-Dec-21	46	47	36	58	56	54	57	54	58	58
Monday-13-Dec-21	47	44	39	61	57	54	60	54	61	57
Tuesday-14-Dec-21	47	43	36	61	57	54	60	54	62	58
Wednesday-15-Dec-21	47	45	35	61	59	69	60	69	61	71
Thursday-16-Dec-21	47	45	34	59	55	52	58	52	61	55
Friday-17-Dec-21	46	44	34	59	55	49	58	49	59	53
Saturday-18-Dec-21	44	45	34	56	54	51	56	51	57	54
Sunday-19-Dec-21	45	42	36	61	56	51	59	51	63	54
Monday-20-Dec-21	47	41	35	59	54	50	58	50	60	54
Tuesday-21-Dec-21	46	42	32	58	54	51	57	51	58	54
Wednesday-22-Dec-21	46	-	-	57	-	-	57	-	58	-
RBL	**47**	**45**	**36**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Overall Leq	**-**	**-**	**-**	**60**	**56**	**59**	**59**	**59**	**60**	**55**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 97591 1.5 m above ground level Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15-minute intervals Pre and post calibration variation: -0.3 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017
Equipment photo	**Logger location**
	

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
9 December 2021 14:31 to 14:46	78	65	67	55		– Road traffic noise along Silverwater Road (continuous) and South Street (intermittent) is dominant – Cars ~60 to 65 dBA LAeq – Bird noise – Truck pass-by 74 dBA Lmax.

Table C.4 Logger H – 33 River Road, Ermington

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Thursday-9-Dec-21	52	47	45	62	59	57	60	57	61	61
Friday-10-Dec-21	53	50	42	62	60	54	61	54	63	57
Saturday-11-Dec-21	52	49	43	60	58	54	59	53	61	57
Sunday-12-Dec-21	47	47	37	58	66	51	63	51	61	53
Monday-13-Dec-21	-	-	-	-	-	-	-	-	-	-
Tuesday-14-Dec-21	-	-	-	-	-	-	-	-	-	-
Wednesday-15-Dec-21	-	-	-	-	-	-	-	-	-	-
Thursday-16-Dec-21	-	-	-	-	-	-	-	-	-	-
Friday-17-Dec-21	-	-	-	-	-	-	-	-	-	-
Saturday-18-Dec-21	-	-	-	-	-	-	-	-	-	-
Sunday-19-Dec-21	-	-	-	-	-	-	-	-	-	-
Monday-20-Dec-21	-	-	-	-	-	-	-	-	-	-
Tuesday-21-Dec-21	-	-	-	-	-	-	-	-	-	-
Wednesday-22-Dec-21	-	-	-	-	-	-	-	-	-	-
RBL	**52**	**48**	**42**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Overall Leq	**-**	**-**	**-**	**60**	**62**	**55**	**61**	**55**	**61**	**57**

Equipment details	Equipment settings
Rion NL-52 Type 1 SN: 131632 1.5 m above ground level Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: 0.6 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017

Equipment photo

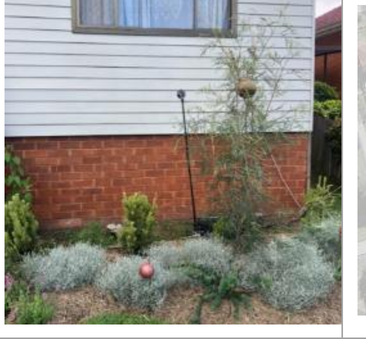
Logger location

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
9 December 2021 15:04 to 15:19	74	59	62	50		– Road traffic noise along Silverwater Road (continuous) and River Road (intermittent) is dominant – Cars ~50 to 60 dBA LAeq – Bird noise – Truck pass-by 74 dBA Lmax – Similar acoustic environment to Location F

Table C.5 Logger I – 55 Boronia Street, Ermington

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Thursday-9-Dec-21	44	36	38	57	53	54	54	54	57	57
Friday-10-Dec-21	40	42	35	59	54	48	58	48	59	50
Saturday-11-Dec-21	42	40	36	57	54	47	57	47	58	50
Sunday-12-Dec-21	36	39	32	54	53	49	53	49	55	53
Monday-13-Dec-21	40	39	38	57	54	50	56	50	57	51
Tuesday-14-Dec-21	41	40	35	56	54	48	56	48	58	50
Wednesday-15-Dec-21	38	-	-	55	-	-	55	-	56	-
Thursday-16-Dec-21	-	-	-	-	-	-	-	-	-	-
Friday-17-Dec-21	-	-	-	-	-	-	-	-	-	-
Saturday-18-Dec-21	-	-	-	-	-	-	-	-	-	-
Sunday-19-Dec-21	-	-	-	-	-	-	-	-	-	-
Monday-20-Dec-21	-	-	-	-	-	-	-	-	-	-
Tuesday-21-Dec-21	-	-	-	-	-	-	-	-	-	-
Wednesday-22-Dec-21	-	-	-	-	-	-	-	-	-	-
RBL	**40**	**39**	**35**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Overall Leq	**-**	**-**	**-**	**57**	**54**	**50**	**56**	**50**	**57**	**51**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 36825 1.5 m above ground level 1m from the facade IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: -0.4 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017
Equipment photo	**Logger location**
	

Attended noise monitoring results						
Date and time	**L_{max}**	**L_{Aeq}**	**L_{A10}**	**L_{90}**	**Equipment photo**	**Notes**
10 December 2021 15:52 to 16:07	79	56	59	45		– Road traffic noise along Boronia Street (intermittent) is dominant – Quiet suburban street – Cars ~55 to 65 dBA LAeq – Bird noise ~53 dBA LAeq – No trucks during measurements

Table C.6 *Logger J – 9 Hope Street, Ermington*

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Friday-10-Dec-21	46	41	37	60	57	51	59	51	61	54
Saturday-11-Dec-21	42	40	36	57	54	49	57	49	58	51
Sunday-12-Dec-21	38	39	35	57	58	52	57	52	59	55
Monday-13-Dec-21	44	41	37	58	57	52	57	52	59	55
Tuesday-14-Dec-21	44	40	38	59	56	52	58	52	60	55
Wednesday-15-Dec-21	43	43	36	58	58	51	58	51	59	55
Thursday-16-Dec-21	45	40	35	58	56	51	58	51	59	53
Friday-17-Dec-21	45	42	37	58	58	51	58	51	59	55
Saturday-18-Dec-21	39	39	36	64	58	49	63	49	66	53
Sunday-19-Dec-21	38	37	36	55	54	52	54	52	57	56
Monday-20-Dec-21	44	39	36	58	55	51	57	51	59	54
Tuesday-21-Dec-21	42	39	36	59	55	50	58	50	59	54
Wednesday-22-Dec-21	43	-	-	58	-	-	58	-	59	-
RBL	**43**	**40**	**36**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Overall Leq	**-**	**-**	**-**	**59**	**56**	**51**	**58**	**51**	**59**	**55**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 36972 1.5 m above ground level 1m from the facade IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: -0.4 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017
Equipment photo	**Logger location**
	

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
10 December 2021 10:28 to 11:43	82	58	59	52		– Road traffic noise along Hope Street (intermittent) is dominant – Distant traffic and construction noise – Cars ~55 to 65 dBA LAeq – Barking dogs and birds

Table C.7 Logger K – 78 Lancaster Avenue, Melrose Park

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Friday-10-Dec-21	41	38	35	50	47	44	49	44	51	48
Saturday-11-Dec-21	40	38	32	56	49	46	55	44	61	46
Sunday-12-Dec-21	37	36	32	52	49	45	51	45	52	47
Monday-13-Dec-21	36	36	33	53	47	43	52	43	56	47
Tuesday-14-Dec-21	37	35	31	60	50	44	59	44	54	48
Wednesday-15-Dec-21	37	37	30	57	51	43	56	43	56	47
Thursday-16-Dec-21	38	36	30	52	47	42	50	42	52	46
Friday-17-Dec-21	37	39	30	51	51	46	51	46	53	49
Saturday-18-Dec-21	37	38	31	59	52	46	58	46	54	50
Sunday-19-Dec-21	37	38	33	51	51	48	51	48	53	51
Monday-20-Dec-21	37	36	32	53	52	46	53	46	57	49
Tuesday-21-Dec-21	36	35	30	51	49	42	51	42	54	46
Wednesday-22-Dec-21	36	-	-	50	-	-	50	-	52	-
RBL	**37**	**37**	**32**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Overall Leq	**-**	**-**	**-**	**55**	**50**	**45**	**54**	**45**	**54**	**48**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 45743 1.5 m above ground level Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: -0.1 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017

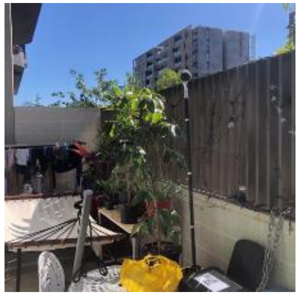
Equipment photo	Logger location
	

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
10 December 2021 10:28 to 11:43 (At nearby park)	76	56	55	47		– Distant road traffic noise is dominant along with natural sounds such as birds – Distant construction, aircraft, marine vessel noise – Rock-hammering ~45 LAeq – Truck passing ~65 dBA LAeq – Intermittent car movements ~60 dBA LAeq.

Table C.8 Logger L – 105/15 Hill Road, Wentworth Point

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Friday-10-Dec-21	49	50	39	59	58	51	58	51	60	54
Saturday-11-Dec-21	48	47	39	64	57	52	63	53	60	57
Sunday-12-Dec-21	45	47	38	57	57	50	57	50	58	55
Monday-13-Dec-21	47	47	38	57	58	54	58	54	59	56
Tuesday-14-Dec-21	48	47	38	58	57	51	58	51	60	54
Wednesday-15-Dec-21	48	50	38	60	57	51	59	51	59	54
Thursday-16-Dec-21	48	46	38	57	57	51	57	51	58	54
Friday-17-Dec-21	48	49	39	58	57	51	58	51	59	54
Saturday-18-Dec-21	46	48	38	57	57	50	57	49	58	53
Sunday-19-Dec-21	46	45	39	56	56	50	56	50	57	54
Monday-20-Dec-21	48	47	38	57	57	52	57	52	58	55
Tuesday-21-Dec-21	48	47	38	57	57	50	57	50	58	54
Wednesday-22-Dec-21	46			56			56	-	57	-
RBL	**48**	**47**	**38**							
Overall Leq				**59**	**57**	**51**	**58**	**51**	**58**	**54**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 97579 2.0 m above ground level Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: 0.2 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017
Equipment photo	**Logger location**
	

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
10 December 2021 09:40 to 09:55	75	58	60	50		– Road traffic noise along Hill Road is dominant – Banging noise from wharf area ~62 dBA – Pedestrian, cyclists and dogs on Hill Road – Construction works nearby – Garbage truck ~65 dBA LAeq – Bus pass-by ~62-65 dBA LAeq – Boat horns audible.

Table C.9 Logger M – 286/33 Hill Road, Wentworth Point

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Friday-10-Dec-21	56	53	35	64	63	57	64	57	65	59
Saturday-11-Dec-21	48	50	36	63	62	57	62	57	63	60
Sunday-12-Dec-21	48	51	35	62	62	57	62	57	63	60
Monday-13-Dec-21	53	51	38	62	62	57	62	57	63	60
Tuesday-14-Dec-21	54	52	39	63	62	58	63	58	64	60
Wednesday-15-Dec-21	53	53	36	63	64	57	63	57	65	61
Thursday-16-Dec-21	54	51	35	63	62	57	63	57	64	60
Friday-17-Dec-21	53	54	39	63	63	58	63	58	64	61
Saturday-18-Dec-21	52	54	37	63	62	57	63	56	64	59
Sunday-19-Dec-21	50	50	39	62	62	58	62	58	63	60
Monday-20-Dec-21	54	51	37	63	62	58	63	58	64	61
Tuesday-21-Dec-21	53	50	36	63	63	57	63	57	64	60
Wednesday-22-Dec-21	52	-	-	62	-	-	62	-	64	-
RBL	**53**	**51**	**36**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Overall Leq	**-**	**-**	**-**	**63**	**63**	**57**	**63**	**57**	**64**	**60**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 45746 1.5 m above ground on the 1st floor Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: 0.3 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017

Equipment photo

Logger location

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}
10 December 2021 09:40 to 09:55	76	67	70	58

Equipment photo

Notes

- Road traffic noise along Hill Road is dominant
- Medium truck ~70 dBA
- Bus stopping ~70 dB
- Bus accelerating 74 dB
- Urban noise environment
- Electric bus ~65 dBA.

Table C.10 Logger Q – 101/9 Australia Avenue, Sydney Olympic Park

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Friday-10-Dec-21	52	49	42	60	59	55	60	55	62	58
Saturday-11-Dec-21	48	48	43	59	60	56	59	56	60	58
Sunday-12-Dec-21	46	47	41	58	58	55	58	55	59	59
Monday-13-Dec-21	50	46	41	59	57	54	58	54	59	57
Tuesday-14-Dec-21	50	47	40	58	58	53	58	53	59	56
Wednesday-15-Dec-21	50	50	41	62	58	54	61	54	65	56
Thursday-16-Dec-21	51	49	41	61	58	55	60	55	61	57
Friday-17-Dec-21	50	49	40	59	59	54	59	54	60	56
Saturday-18-Dec-21	48	49	42	59	60	54	59	54	61	57
Sunday-19-Dec-21	47	47	41	58	59	54	58	54	59	58
Monday-20-Dec-21	52	48	42	59	58	52	59	52	59	56
Tuesday-21-Dec-21	51	48	40	59	58	57	59	57	60	57
Wednesday-22-Dec-21	49	-	-	60	-	-	60	-	61	-
RBL	**50**	**48**	**41**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Overall Leq	**-**	**-**	**-**	**59**	**59**	**55**	**59**	**55**	**60**	**57**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 45746 2.0 m above ground on the 1st floor Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: 0.05 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017
Equipment photo	**Logger location**
	

Attended noise monitoring results

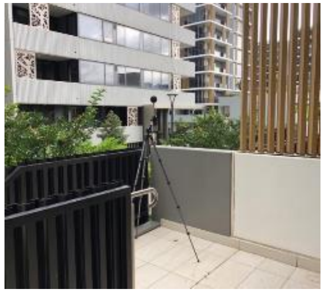
Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
10 December 2021 10:42 to 10:57	82	58	59	52		– Road traffic noise along Australia Avenue is dominant – Train pass-by ~70 dBA LAeq – Truck unloading ~55 dBA LAeq – Truck pass-by ~65 dBA LAeq – Rail horn 82 dBA LAmax.

Table C.11 Logger R – 459/ 9 Grazier Street, Lidcombe

Date	ABL L_{90}, dBA			Ambient L_{Aeq} noise level, dBA			Road traffic LAeq(period)		Road traffic – LAeq(1hr)	
	Day	Eve	Night	Day	Eve	Night	D	N	D	N
Friday-10-Dec-21	54	50	44	58	54	49	56	49	59	51
Saturday-11-Dec-21	50	48	45	60	53	49	59	49	61	51
Sunday-12-Dec-21	46	47	43	52	52	48	51	48	53	50
Monday-13-Dec-21	49	46	44	62	50	48	61	48	65	50
Tuesday-14-Dec-21	52	46	44	61	52	48	60	48	64	50
Wednesday-15-Dec-21	50	46	45	65	53	49	64	49	67	51
Thursday-16-Dec-21	52	47	44	66	51	48	63	48	67	50
Friday-17-Dec-21	53	49	46	63	53	49	61	49	65	50
Saturday-18-Dec-21	48	48	45	60	51	48	59	48	63	51
Sunday-19-Dec-21	47	48	46	59	53	50	57	50	59	52
Monday-20-Dec-21	50	48	46	62	51	50	61	50	64	53
Tuesday-21-Dec-21	50	47	46	60	52	49	59	49	62	50
Wednesday-22-Dec-21	52	-	-	56	-	-	56	-	56	-
RBL	**50**	**48**	**45**	-	-	-	-	-	-	-
Overall Leq	**-**	**-**	**-**	**61**	**52**	**49**	**60**	**49**	**63**	**51**

Equipment details	Equipment settings
Svan 977 Type 1 SN: 497530 1.5 m above ground Free-field conditions IEC 61672-3:2013 Compliant Manufactured prior 2019	A-weighted Fast time response 15 minute intervals Pre and post calibration variation: -0.6 dBA Svantek SV30A Class 1 Sound level calibrator SN: 29030 AS 60942:2003 Compliant Manufactured prior 2017
Equipment photo	**Logger location**
	

Attended noise monitoring results

Date and time	L_{max}	L_{Aeq}	L_{A10}	L_{90}	Equipment photo	Notes
10 December 2021 11:18 to 11:33	82	66	68	61		– Construction noise dominant ~65 to 70 dB LAeq – Very reverberant area due to reflection of buildings – Rock-breaking ~65 dBA – Dropping materials ~70 dBA.

C-2 Construction noise modelling methodology

C-2-1 Construction noise prediction method

Acoustic modelling was undertaken using SoundPLAN 8.2 noise modelling software to predict the effects of construction noise generated by the project. General parameters used in the model are listed in Table C.12.

Table C.12 Noise modelling parameters

Variable	Parameter used
Calculation method	ISO 9613- 2: Acoustics — Attenuation of sound during propagation outdoors — Part 2: General method of calculation (ISO, 1996)
Meteorology	Well-developed moderate ground based temperature inversion, such as commonly occurs on clear, calm nights or 'downwind' conditions which are favourable to sound propagation.
Topography	Sourced from ELVIS GIS Australia - 5 m elevation intervals
Receiver heights	1.5 m above the ground floor and +3.0 metres for every storey above
Ground absorption	0.00 for all waterbodies within the study area 0.00 at all areas in the Parramatta CBD (NCA-S) 0.50 for all other areas (0 is non-porous ground and 1 is porous ground such as that found in a rural setting comprising of mainly grass and vegetation)
Building footprints and heights	Sourced from Geoscape PSMA
Temperature	20 deg Celsius
Humidity	80%

C-2-2 Noise generating equipment

The exact details of the construction methodology, plant or equipment for the project, such as the intensity of works, sound power levels or operating duration are not yet known therefore this assessment is based on a variety of conservative assumptions. This information would be refined during the next stages of design and construction planning. The magnitude of the noise levels associated with construction activities would be dependent upon several factors:

– the intensity and location of construction activities
– the type of equipment used
– existing local noise sources
– intervening terrain
– the prevailing weather conditions.

The indicative list of equipment assumed for each construction scenario is listed in Table C.13 and would be refined during the design development process.

Noise levels for equipment has been sourced from the CNVS, *AS 2436 Guide to Noise and Vibration Control on Construction, Demolition and Maintenance Sites* (Australian Standards, 2010) and the GHD internal database where sound power level data was not available. The activity sound power level assumes the two loudest items of equipment for the sub-scenario are operating simultaneously and is representative of the worst-case construction activities occurring.

For each sub-scenario, noise intensive equipment has also been identified and include equipment that are considered to generate high noise emissions or equipment that contain special audible characteristics such as tonal or annoying qualities.

The L_{AFmax} level, equivalent to the $L_{AF1(1\ minute)}$, used to assess potential sleep disturbance assessment is based on the loudest item of equipment for each sub-scenario that has been identified as requiring night work.

Where L_{AFmax} noise levels were not available, the following assumptions have been made to estimate the L_{AFmax} noise level:

- for continuous heavy machinery noise sources (e.g. compressors and generators), the L_{AFmax} noise level has been assumed to be 3 dB greater than the $L_{Aeq(15min)}$ noise level
- for all other equipment, L_{AFmax} noise level has been assumed to be 8 dB greater than the $L_{Aeq(15min)}$ noise level.

Table C.13 Detailed construction equipment and activity sound power levels

Plant Item					Asphalt Milling Machine	Ballast Regulator	Ballast Tamper	Track Laying Machine	Bobcat	Compressor	Concrete Pump	Concrete Saw	Rail Saw	Concrete Truck /	Elevated Working	Excavator (10 tonne)	Excavator (40 tonne)	Excavator (Breaker)	Franna Crane	Front End Loader	Generator	Hand Tools	Line Marking Plant	Mobile Crane (50 tonne)	Piling Rig (impact) (3)	Roller (non-vibratory)	Semi Trailer	Slip Form Machine	Suction Truck	Truck (10 tonne)	Truck (25t)	Flatbed Truck	Dump Truck	Vibratory Roller (10 - 12 t)	Welding Equipment
Sound Power Level (LAeq)					117	118	118	114	104	109	109	118	121	106	97	100	115	121	98	112	103	98	108	113	125	107	108	102	109	103	103	108	110	109	110
Minutes Used in Worst case 15 Minute Period (1)					15	15	15	15	15	15	7.5	5	5	7.5	15	15	15	7.5	15	15	15	15	15	15	7.5	15	5	15	15	15	15	15	15	15	15
Correction added for annoying characteristics (2)												5	5					5							5									5	
Modified Sound Power Level (LAeq)					117	118	118	114	104	109	106	118	121	103	97	100	115	123	98	112	103	98	108	113	127	107	103	102	109	103	103	108	110	114	110
Sound Power Level (LAmax)					125	126			112	112		126	129				123	129					116	116	136									117	
Scenario	Activity description	Scenario ID	Activity SWL, Laeq(15 min)	Activity SWL, LAmax																															
Demolition	Removal works	S01.0 1	110							X											X	X								X					
	Demolition and clearing	S01.02	123							X								X			X	X								X	X				
	Removal works at the Sandown Line	S01.3	121	129 (Rail Saw)						X			X								X	X								X					
Compounds	Site Establishment	S02.01	117								X			X					X					X		X				X			X	X	
	Services & Utilities	S02.02	120						X			X					X												X	X					
	Site Deliveries	S02.03	115																X					X			X						X		
Spoil & Ballast	Screening & Crushing	S03.01	117	123 (Excavator)													X			X											X				
Substations	Site Establishment	S04.01	113																X					X						X					
	Construction & Installation	S04.02	114								X			X		X			X					X			X		X	X	X				
Mainline - Track works SaMF to Carter St	Earthworks	S05.01	116														X				X								X	X		X			
	Earthworks (with Breaker/saw)	S05.02	123									X					X	X			X									X		X			
	Concrete Works	S05.03	114	116 (Mobile Crane)							X			X					X					X						X		X			
	Trackworks	S05.04	122	129 (Rail Saw)				X					X						X			X		X						X		X			X
	Trackworks - Tamping	S05.05	121			X	X																												
	Steel Erection & Wiring	S05.06	114												X				X			X		X			X			X		X			
SaMF - carpark and ballast track	Earthworks (carpark and track)	S06.01	118	123 (Excavator)													X														X	X		X	
	Concrete Works (carpark and track)	S06.02	114	116 (Mobile Crane)							X			X					X					X					X	X		X			
	Trackworks (track only)	S06.03	123	129 (Rail Saw)		X	X	X					X				X		X			X		X							X	X			X
	Steel Erection & Wiring (carpark and track)	S06.05	114												X				X			X		X			X			X		X			
Stops	Concrete Works	S07.01	114								X			X					X			X		X						X					
	Finishing Works	S07.02	115												X		X		X			X					X			X					
Bridges	Site Establishment	S08.01	114																X					X		X				X					
	Pilling -j ncluding temporary jetties	S08.02	127	116 (Mobile Crane)																				X	X					X					
	Construction & Installation	S08.03	113	116 (Mobile Crane)											X				X					X			X			X					
	Concrete Works	S08.04	114								X			X					X			X		X						X					
Off corridor roadworks	Excavation	S09.01	115														X													X	X				
	Excavation (with Breaker)	S09.02	124														X	X												X					
	Pavement Works	S09.03	118	125 (Asphalt Milling Machine)	X				X		X			X						X						X		X		X	X				
	Signage and Line Marking	S09.04	109	116 (Line Marking Plant)															X			X	X							X					

Notes

(1) This refers to the amount of time in minutes that individual items of equipment would be in use for during the worst-case 15 minute assessment period, based on site observations. Some items of plant, such as rockbreakers and semi-trailers, are not typically used in a continuous manner.

(2) The ICNG requires that activities identified as particularly annoying (such as jackhammering, rockbreaking and power saw operation) have a 5 dB 'penalty' added to predicted noise levels when using the quantitative method.

(3) Based on Lmax level 136 dBA

C-3 Operational airborne noise modelling methodology for light rail vehicles

C-3-1 Light rail vehicle source noise levels

Source noise levels for the Urbos light rail vehicles have been sourced from the Parramatta Light Rail Operational Noise and Vibration Review and were determined using the method outlined in Chapter 5 of *Railway Traffic Noise – The Nordic Prediction Method.* Attended measurements results from light rail vehicle pass-by measurements on the Canberra Light Rail and Dulwich Hill Light Rail lines were used to validate the source noise levels as part of the design development process for Parramatta Light Rail Stage 1.

A normalised Sound Exposure Level (SEL) in each octave-band was calculated for various light rail vehicle pass-bys to determine '*a*' and '*b*' values to be used in the noise modelling. These values are presented in Table C.14. The measurements suggest that low-frequency noise generated by light rail vehicle pass-bys in the 16 to 125 Hz octave-bands are considered insignificant and have not been included in the noise modelling.

Table C.14 Light rail vehicle ballast track noise source emission data

Frequency, Hz	*a*	*b*
250	10.6	24.4
500	12.5	29.7
1000	17.6	28.8
2000	10.4	20.9
4000	18.4	15.7
8000	16.8	7.2

Based on these '*a*' and '*b*' values, the predicted SEL and L_{AFmax} levels from a 45 metres long light rail vehicle at 7.5 metres are listed in Table C.15. A + 3 dB correction has been applied to account for the higher airborne noise levels generated from embedded concrete, paved or turf tracks.

Table C.15 Light rail vehicle ballast track noise source emission data

Track type	light rail vehicle length	Speed	Distance	light rail vehicle pass-by noise level, dBA	
				SEL	LAmax
Embedded track (concrete, paved or turf)	45 m	60 km/hr	7.5 m	85	83
Ballast	45 m	60 km/hr	7.5 m	82	80

C-3-2 Noise modelling assumptions and corrections applied

Light rail vehicle speeds

The light rail vehicle speeds along the up and down line used for modelling purposes are shown in the figures below. It is noted that the speed profiles used in the assessment assume that light rail vehicles are not interrupted at any signalised intersections on the alignment. This approach is conservative, as in reality light rail vehicles would be likely to stop at intersections at times with a resultant reduction in speed (and noise emissions) on both approach and departure from the intersection.

A minimum speed of 20 km/hr has been used in the modelling and corrections have been applied in the noise model to account for the minimum speed applied by the NMT algorithm in SoundPLAN. As vehicle speed decreases below 20 km/h, noise from auxiliary systems becomes more dominant than rolling noise. These sources produce a relatively steady overall noise level that is independent of speed. While stationary the steady noise level from auxiliary systems is estimated to be 60 dBA at 7.5 metres from the track centreline and 1.2 metres above ground.

The modelled speeds for the down and up track are shown in the Figure C.1 and Figure C.2.

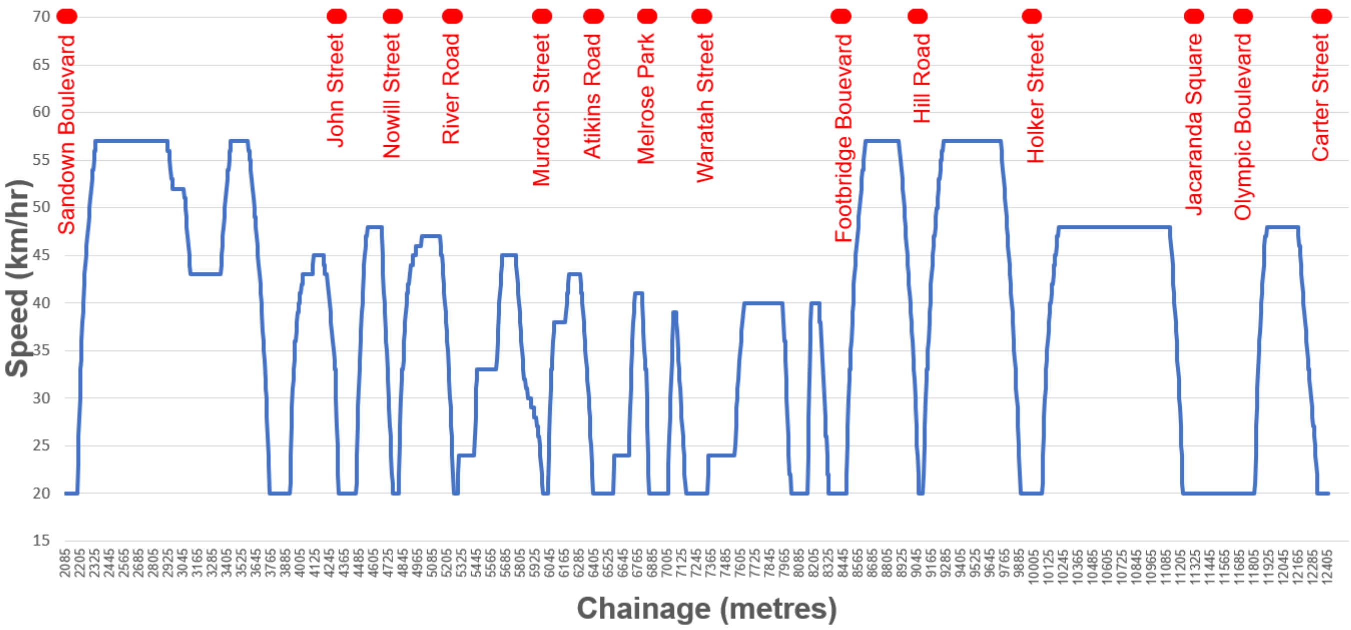


Figure C.1 Light rail vehicle speed profile – Down line (Sandown Boulevard to Carter Street)

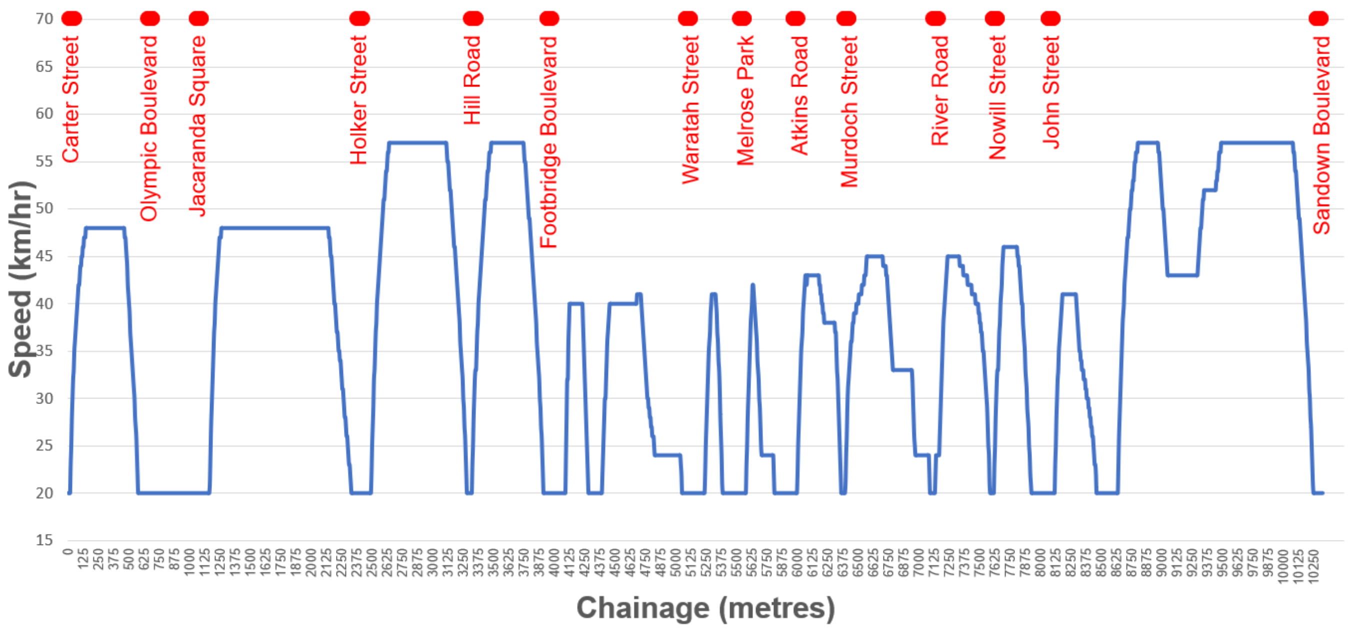


Figure C.2 Light rail vehicle speed profile – Up line (Carter Street to Sandown Boulevard)

Light rail vehicle volumes

The light rail vehicle volumes are consistent with the service requirements for Stage 1. Note should be made that light rail vehicle volumes along the section of track shared by Stage 1 and Stage 2 light rail vehicles would double as a result of the project, as shown in Table C.16.

Table C.16 Light rail vehicle volumes used in the noise modelling

Scenario	Day (7:00 am to 10:00 pm)		Night (10:00 pm to 7:00 am)		Hourly maximum (day)		Hourly maximum (night)	
	Up	Down	Up	Down	Up	Down	Up	Down
Parramatta turnback facility to stabling and maintenance facility (Stage 1 and Stage 2 light rail vehicles)								
Opening typical operations (2024)	228	228	52	52	16	16	12	12
Future typical operations (2034)	248	248	52	52	20	20	12	12
Special events (2024)	296	296	84	84	40	40	40	40
Special events (2034)	316	316	84	84	40	40	40	40
Stabling and maintenance facility to Carter Street (Stage 2 light rail vehicles only)								
Opening typical operations (2024)	114	114	26	26	8	8	6	6
Future typical operations (2034)	124	124	26	26	10	10	6	6
Special events (2024)	148	148	42	42	20	20	20	20
Special events (2034)	158	158	42	42	20	20	20	20

Low speed noise emission

A minimum speed of 20 km/h has been applied in the noise model as the Nordic Prediction Method used for calculations does not produce accurate predictions at low speeds where pass-by noise is dominated by light rail vehicle equipment noise sources.

Rail surface and wheel tread condition

It is assumed that light rail vehicle wheel and rail roughness condition would be maintained to conform with international best practices.

Buildings footprints and heights

Building footprint and height data has been sourced from Geoscape PSMA. Receivers have been modelled at 1.5 metres above ground level and for multi-storey buildings, each storey has been modelled at three metres high (receivers modelled at 1.5 metres above the floor level of each storey).

Future rail alignment

The 3-dimensional track centre alignments for each track have been provided by the project team. The track centrelines have been entered into the noise model in five metres segments and the kerb heights have been estimated based on the centre track height. The kerb and adjacent road interface is yet to be designed in 3-dimensional and as such, have not yet been included in the noise modelling. Once these components have been designed, they would be incorporated in the updated 3-dimensional noise model during the development design process to ensure an accurate representation of the terrain between the track and the nearest receivers.

Digital ground terrain model

For the area within 150 metres from the rail alignment 1 metre LiDAR elevation data was sourced from NSW Government – Spatial Services and the remaining study are utilising 5 metre elevation data (derived from LiDAR) sourced from Geoscience Australia.

Ground absorption

A ground absorption co-efficient of 0.5 has been used (hard ground/reflecting surface = 0 and large areas of grass vegetation = 1) for the study area. A ground absorption co-efficient of 0 has been used for the areas within five metres of the rail alignment.

Atmospheric conditions

Atmospheric conditions of 20 degrees Celsius and 70 percent humidity were used in the noise modelling with neutral weather conditions.

Corrections applied to the track

The corrections applied to the track to account for noise associated with structure-radiated noise from bridges, additional noise from an embedded track, crossovers/turnouts and curves/flanging noise are shown in Table C.17 and are consistent with the corrections applied in the design development for Parramatta Light Rail Stage 1.

Subsequent to compliance noise monitoring undertaken for Stage 1, these corrections would be refined to take into account any discrepancies found between the measured noise levels and the predicted noise levels, where appropriate.

Table C.17 Noise corrections applied to the track

Type	Approx. chainage (down), m		Approx. chainage (up), m		Correction applied, dB (L_{Aeq} and L_{Amax})	Notes/Assumptions
	Start	End	Start	End		
Bridges						
Bridge between Camellia and Rydalmere (new)	3990	4235	8165	8405	+ 3	Embedded slab track on concrete bridge
Bridge over Silverwter Road (new)	4985	5115	7290	7420	+ 3	Embedded slab track on concrete bridge
Bridge in Ken Newman Park (new)	5560	5615	6790	6845	+ 3	Embedded slab track on concrete bridge
Bridge between Melrose Park and Wentworth Point (new)	7425	7830	4580	4985	+ 3	Embedded slab track on concrete bridge
Hill Road Bridge	9405	9520	2895	3010	+ 3	Embedded slab track on concrete bridge
Holker Busway bridge (existing)	10130	10375	2035	2280	+ 3	Embedded slab track on concrete bridge
Trackform						
Entire Parramatta Light Rail Stage 2 track	2085	12415	0	10320	+3	Assumed as embedded trackform (worst-case)
Crossovers and turn-outs						
Camellia	2210	2215	10215	10220	+6	Applied over 10 m section
Camellia	2715	2720	9690	9695	+6	Applied over 10 m section
Camellia	2825	2830	9585	9590	+6	Applied over 10 m section
Ermington	6505	6510	5890	5920	+6	Applied over 10 m section
Wentworth Point	9125	9130	3305	3310	+6	Applied over 10 m section
Sydney Olympic Park	11370	11400	1015	1045	+6	Applied over 10 m section

Type	Approx. chainage (down), m		Approx. chainage (up), m		Correction applied, dB (L_{Aeq} and L_{Amax})	Notes/Assumptions
	Start	End	Start	End		
Carter St	12300	12330	85	115	+6	Applied over 10 m section
Curves/flanging noise						
Curve 1	2950	3050	9455	9355	+3	350 m radius
Curve 2	3100	3320	9305	9085	+3	200 m radius
Curve 3	3750	3880	8655	8525	+8	50 m radius
Curve 4	3990	4070	8415	8335	+3	200 m radius
Curve 5	4210	4270	8195	8135	+3	200 m radius
Curve 6	4340	4420	8065	7985	+8	25 m radius
Curve 7	5300	5400	7105	7005	+8	85 m radius
Curve 8	5450	5570	6955	6835	+3	115 m radius
Curve 9	6060	6125	6345	6280	+3	150 m radius
Curve 10	6320	6400	6085	6005	+3	200 m radius
Curve 11	6500	6650	5905	5755	+8	50 m radius
Curve 12	6870	6965	5535	5440	+8	35 m radius
Curve 13	7155	7270	5250	5135	+8	50 m radius
Curve 14	7380	7540	5025	4865	+8	100 m radius
Curve 15	7740	7820	4665	4585	+3	150 m radius
Curve 16	8000	8200	4405	4205	+8	50 m radius
Curve 17	8205	8300	4200	4105	+3	150 m radius
Curve 18	8305	8405	4100	4000	+8	25 m radius
Curve 19	9885	10000	2520	2405	+3	25 m radius
Curve 20	11210	11330	1195	1075	+8	25 m radius

C-4 Operational ground-borne noise and vibration modelling methodology

C-4-1 Light rail vehicle source vibration levels

Source vibration data for the Urbos light rail vehicles has been referenced from the Parramatta Light Rail Stage 1 *Ground-borne Noise and Vibration Report* (Parramatta Light Rail report, WSPAJV, 2021). Source vibration levels in the PC Parramatta Light Rail report were calculated by adjusting measurements from the nominated light rail vehicles in Zaragoza, Spain to take into account the track characteristics for Parramatta Light Rail. The PC Parramatta Light Rail report also provides source vibration spectra for 'high' and 'very high' attenuation embedded slab tracks, corresponding to embedded slab tracks with higher resilience utilising special boots. The data should be confirmed via measurements on Stage 1 track as part of the design development process.

The source vibration spectrum for normal embedded slab track from the PC Parramatta Light Rail report is provided in Table C.18, at eight metres from track centreline, and a reference speed of 30 km/h. The vibration spectra is for rms vibration levels and suitable for the calculation of cumulative vibration exposure (i.e. eVDV values). For ground-borne noise calculations, an additional 3 dB has been added to the provided values to account for the ground-borne noise criteria as a maximum noise level.

Table C.18 Light rail vehicle embedded track vibration emission data (Source: PC Parramatta Light Rail report, 2021), at 30 km/h and 8 m from track centreline

Frequency, Hz	Normal embedded slab track, dBV
1	55
1.25	55
1.6	54
2	48
2.5	48
3.15	48
4	46
5	48
6.3	47
8	51
10	55
12.5	57
16	57
20	57
25	66
31.5	72
40	77
50	82
63	83
80	82
100	92
125	86
160	80
200	77

Frequency, Hz	Normal embedded slab track, dBV
250	74
Overall	**94**

C-4-2 Ground-borne noise and vibration modelling assumptions

Ground-borne noise and vibration modelling was undertaken using the method described in the US Federal Transit Administration's (FTA) *Transit Noise and Vibration Impact Assessment Manual* (FTA, 2018) and guidance provided in *ISO 14837-1 Mechanical vibration – Ground-borne noise and vibration arising from rail systems*.

This approach applies several adjustments to the source vibration levels to account for operational speeds, damping associated with ground attenuation, coupling losses through the building, floor amplifications and conversion to ground-borne noise. These adjustments are further discussed below.

Speed correction

A 20 log (speed/reference speed) has been applied to the light rail vehicle source vibration levels to account for the variance in speed along the alignment.

It is noted that the speed profiles used in the assessment assume that light rail vehicles are not interrupted at any signalised intersections on the alignment. This approach is conservative, as in reality light rail vehicles would be likely to stop at intersections at times with a resultant reduction in speed on both approach and departure from the intersection.

Ground attenuation

Ground attenuation due to geometrical spreading and material damping has been calculated separately using the following methods:

– For attenuation due to geometrical spreading of surface waves, a 10*log(distance/reference distance) correction has been applied.
– For material damping through the soil, the approach outlined in the PC Parramatta Light Rail report has been adopted which is based on *A Frequency Dependent Soil Propagation Model (Amick, 1999)*. The attenuation for each frequency is calculated using the following formula: $8.68\rho\pi fD$, where f is the frequency, D is the distance from the reference source measurement location to the receiver and ρ is a material dependent constant (i.e. a property of the ground). A value of 0.00013 has been chosen for ρ, consistent with the PC Parramatta Light Rail assessment.

Soil to building foundation coupling losses

The additional attenuation in vibration arising from the transmission of vibration from the ground to the building foundation has been based on the US FTA manual (2018). The manual provides coupling losses for five categories of structures:

– single family residential
– 1 to 2 storey residential
– 2 to 4 storey masonry building on spread
– large masonry building on piles
– large masonry building on spread footings.

As the structural weight increases, the coupling loss also increases. As a detailed classification of all sensitive receivers into these categories has not been undertaken at this stage of the assessment process, the following conservative assumptions were applied:

– the '1 to 2 storey residential' coupling loss was applied to all residential sensitive receivers
– the 'large masonry building on piles' coupling loss was applied to all other receivers.

Building floor resonance

The additional amplification within the building due to resonances of floors, walls and ceilings has been based on the US FTA manual (2018). The manual recommends a 6 dB adjustment to the calculated levels.

Floor to floor attenuation

Results have only been predicted at the ground floor. This is considered to be conservative as the additional dispersion and attenuation of vibration energy on higher floors is typically taken into account via a 1 to 2 dB reduction per floor.

Corrections applied to the track

The corrections applied to the track to account for noise associated with crossovers/turnouts have been conservatively retained for ground-borne noise and vibration calculations.

eVDV calculation

The estimated Vibration Dose Value (eVDV) approach has been adopted for the purposes of estimate cumulative vibration exposure over the day and night time periods. The eVDV from a single pass-by is calculated as follows:

$$eVDV = 0.07 * Vrms * t^{0.25} \ m/s^{1.75}$$

Where Vrms is the root mean square vibration in mm/s from the pass-by and t is the pass-by duration.

The eVDV approach is valid for vibration sources with crest factors below 6. The US FTA manual notes that *"for ground-borne vibration from trains, the crest factor is usually 4 to 5"*.

Ground-borne noise corrections

The final calculated ground-borne vibration levels (in each one-third spectral band) were further adjusted:

– by +3 dB to convert the rms vibration source values to LAmax values suitable for comparison with the ground-borne noise criteria
– by -27 dB to convert ground-borne vibration levels to ground-borne noise levels using the widely used and accepted Kurzweil equation
– the final ground-borne noise values were A-weighted and log-summed.

For comparison against the airborne noise predictions, a 25 dB external-to-internal loss was applied to the predicted LAmax airborne noise levels, excluding any airborne noise façade corrections. Furthermore, a -2 dB correction was applied to convert the 'fast' weighted airborne noise levels to enable comparison with the 'slow' weighted ground-borne noise levels. The comparison was undertaken at each façade of the sensitive receiver.

C-5 Operational airborne noise modelling methodology for substations

C-5-1 Substation noise sources

It has been assumed that items of plant equipment for each traction power substation (TPS) would be consistent with Stage 1 as shown in Table C.19.

Table C.19 Sound level data – traction power substations

Item	Location	Number	Sound pressure level, dBA	Sound power level, dBA
Rectifier transformer	Internal	1 per TPS	< 63 dBA @ 1m	< 82
Auxiliary transformer	Internal	1 per TPS	< 63 dBA @ 1m	< 80
Indoor A/C unit	Internal	10 per TPS	53 dBA @ 1m	66
Outdoor A/C unit	External	10 per TPS	56 dBA @ 1m	70

As the transformers are housed inside buildings and are not classed as a significant noise source, noise from transformers are anticipated to be negligible at nearby receivers. As such, the dominant noise source from each substation has been determined to be the outdoor A/C units.

To model noise emission from these A/C units, 10 A/C units at a sound power level of 70 dBA each has been assumed at each substation (an area source with a sound power level of 80 dBA).

C-5-2 Noise modelling methodology

Acoustic modelling was undertaken using SoundPLAN 8.2 noise modelling software to predict indicative environmental noise levels at the nearest sensitive receivers to the substations during operation. The general parameters used in the noise model are presented in Table C.20.

Table C.20 Noise modelling parameters

Variable	Parameter used
Software	SoundPLAN 8.2
Calculation method	ISO 9613-2: Acoustics — Attenuation of sound during propagation outdoors – Part 2: General method of calculation
Topography	1 m LiDAR elevation data was sourced from NSW Government – Spatial Services
Receiver heights	1.5 m above the ground floor and +3.0 m for every storey above
Ground absorption	0.0 for areas within 5 m of the edge of the rail track and 0.5 for all other areas (0 is non-porous ground such as concrete and 1 is porous ground such as grass)
Building footprints and heights	Sourced from Geoscape PSMA
Temperature	20 deg Celsius
Humidity	80%
Number of reflections	1 reflection from surrounding structures
Noise source type	Each traction power substation has been modelled as an area source with a sound power level of 80 dBA at 3 m above the ground level at each site.

C-6 Construction road traffic assessment methodology

The potential noise impacts from construction related traffic associated with the project have been assessed through comparison of the estimated pre-construction traffic volumes (2025) and the peak construction traffic volumes (2025) along the surrounding road network. It has been assumed that the increase in noise level at sensitive receivers along major roads such as James Ruse Drive, Victoria Road and Silverwater Road would be negligible during the construction period due to the existing high traffic volumes along these roads.

The pre-construction and duration construction traffic volumes on sub-arterial, collector and local road haulage routes have been used to determine where potentially noticeable increases in road traffic noise (i.e. a greater than 2.0 dB increase) may be apparent due to construction related traffic movements and redistribution of traffic due to temporary road closures.

Due to limited information being made available, the following assumptions have been made to estimate the pre-construction and during-construction traffic volumes:

– 2019 Base Case volumes have been expanded from 2-hour Strategic Model volumes using Daily Expansion Factors.
– Sub-arterial road and collector volumes are total 7am to 10pm (15 hour) and 10pm to 7am (9 hour) volumes. Local road volumes are based on one hour peak volumes.
– Construction volumes are for the construction peak in 2025. The following assumptions have been made:
  - 15 hour Day period = 62.5% of Daily trips
  - 9 hour Night period = 37.5% of Daily trips.
– Side streets traffic volumes in Rydalmere have been extrapolated from 2026 volumes (side-street traffic counts) and assumes:
  - Heavy vehicles are 3.5% of total traffic
  - Light vehicle growth is 25% from 2017-2026
  - Heavy vehicles growth is 65% from 2017-2026.

The traffic volumes are presented in Table C.21 (sub-arterial and collector roads) and Table C.22 (local roads) below.

Calculations have been made using the CoRTN prediction method to estimate the increase in noise level at the nearest sensitive receivers to the impacted roads during the construction period. Where the increase is predicted to be greater than 2 dB, calculations have been undertaken to determine the noise level at the most-affected sensitive receivers and compared against the RNP controlling noise criteria for sub-arterial/collector roads and for local roads.

Where a greater than 2 dB increase is predicted and the RNP controlling noise criteria is exceeded, mitigation strategies have been recommended to reduce potential noise impacts.

Further investigation of construction traffic should be undertaken during the design development process.

Table C.21 Estimated traffic volumes (pre-construction and during-construction) – sub-arterial/collector roads

Road	Road Section Start	Road Section End	Road type	Existing traffic – Day (15 hour)		Existing – Night (9 hour)		Existing speed, km/hr		Additional construction traffic – day (15 hour)		Additional construction traffic – night (9 hour)	
				LV	HV	LV	HV	Day	Night	LV	HV	LV	HV
South Street	Park Road, Rydalmere	John Street	DGA	7256	189	1454	44	50	50	10	18	6	11
South Street	John Street	Patricia Street	DGA	6257	183	1253	43	50	50	11	55	7	33
South Street	Patricia Street	Nowill Street	DGA	5949	174	1191	41	50	50	11	55	7	33
South Street	Nowill Street	Primrose Street	DGA	5920	173	1185	40	50	50	11	55	7	33
South Street	Primrose Street	Fallon Street	DGA	5913	180	1184	42	50	50	11	55	7	33
South Street	Fallon Street	Silverwater Road	DGA	6060	184	1213	43	50	50	11	55	7	33
South Street	Silverwater Road	River Road, Ermington	DGA	1057	32	212	7	50	50	11	55	7	33
Boronia Street	Spurway Street/Broadoaks Street	Honor Street	DGA	5877	876	1150	204	50	50	31	25	19	15
Boronia Street	Honor Street	Trumble Avenue	DGA	5988	893	1171	208	50	50	31	25	19	15
Boronia Street	Trumble Avenue	Boyle Street	DGA	5662	844	1107	196	50	50	31	25	19	15
Boronia Street	Boyle Street	Murdoch Street	DGA	5642	841	1104	196	50	50	31	25	19	15
Boronia Street	Murdoch Street	Spofforth Street	DGA	5703	807	1117	188	50	50	31	25	19	15
Boronia Street	Spofforth Street	Trumper Street	DGA	5728	810	1122	189	50	50	31	25	19	15
Boronia Street	Trumper Street	Atkins Road, Ermington	DGA	5482	776	1074	180	50	50	31	25	19	15
Atkins Road	Boronia Street	Hope Street	DGA	6002	750	1180	174	50	50	31	25	19	15
Hope Street	Atkins Road, Ermington	Hughes Avenue	DGA	8780	1181	1724	275	50	50	31	25	19	15
Hope Street	Hughes Avenue	Waratah Street	DGA	10792	383	2157	89	50	50	31	25	19	15
Hope Street	Waratah Street	Wharf Road/Lancaster Avenue, Melrose Park	DGA	9064	321	1812	75	50	50	31	25	19	15
Wharf Road	Hope Road/Lancaster Avenue	Mary Street	DGA	8451	210	1693	49	50	50	93	70	56	42
Wharf Road	Mary Street	Andrew Street	DGA	9339	232	1871	54	50	50	93	70	56	42
Hill Road	Burroway Road/Footbridge Boulevard, Wentworth Point	Nuvolari Place	DGA	12335	131	2477	30	60	60	14	52	8	31
Hill Road	Nuvolari Place	Baywater Drive	DGA	15587	165	3130	38	60	60	14	52	8	31
Hill Road	Baywater Drive	Stromboli Strait	DGA	17802	189	3575	44	60	60	14	52	8	31
Hill Road	Stromboli Strait	Bennelong Parkway	DGA	18785	199	3772	46	60	60	14	52	8	31
Hill Road	Bennelong Parkway	Holker Street, Sydney Olympic Park	DGA	20929	208	4203	48	60	60	14	52	8	31
Spurway Street	Boronia Street	Tristram Street	DGA	4863	611	956	142	50	50	80	60	48	36
Spurway Street	Tristram Street	Victoria Road	DGA	5033	539	993	125	50	50	80	60	48	36
Atkins Road	Hope Street	Victoria Road	DGA	3349	428	660	100	50	50	35	6	21	3
Hughes Avenue	Hope Street	Victoria Road	DGA	1435	206	282	48	50	50	1	0	1	0
Wharf Road	Hope Street	Victoria Road	DGA	6244	340	1243	79	50	50	93	70	56	42
Kevin Coombs Avenue	Australia Avenue	Old Hill Link	DGA	8091	497	1613	116	60	60	0	1	0	0
Old Hill Link	Edwin Flack Avenue	Hill Road	DGA	671	60	602	60	60	60	0	1	0	0

Table C.22 Estimated traffic volumes (pre-construction and during-construction) – local roads

Road	Road Section Start	Road Section End	Road type	Existing traffic – Day (1 hour)		Existing traffic – Night (1 hour)		Existing speed, km/hr		Additional construction traffic – Day (1 hour)		Additional construction traffic – Night (1 hour)	
				LV	HV	LV	HV	Day	Night	LV	HV	LV	HV
Grand Avenue	James Ruse Drive/Hassall Street	ALDI Access/Rosehill Gardens Gate 1 Access	DGA	845	62	748	71	60	60	165	9	165	9
Grand Avenue	ALDI Access/Rosehill Gardens Gate 1 Access	Durham Street	DGA	489	36	433	41	60	60	165	9	165	9
Grand Avenue	Durham Street	Thackeray Street/Unnamed Road	DGA	159	12	141	13	60	60	165	9	165	9
Holker Busway	Holker Street	Kevin Coombs Avenue/Marjorie Jackson Parkway	DGA	1	0	1	0	60	60	5	20	3	12
Australia Avenue	Kevin Coombs Avenue/Marjorie Jackson Parkway	Grand Parade	DGA	822	38	733	44	60	60	5	18	3	11
Australia Avenue	Grand Parade	Murray Rose Avenue	DGA	849	43	755	49	60	60	5	18	3	11
Australia Avenue	Murray Rose Avenue	Dawn Fraser Avenue	DGA	977	49	870	56	60	60	5	18	3	11
Australia Avenue	Dawn Fraser Avenue	Parkview Drive/Herb Elliott Avenue	DGA	1021	68	906	79	60	60	5	18	3	11
Dawn Fraser Avenue	Australia Avenue	Park Street	DGA	125	14	110	16	60	60	5	18	3	11
Dawn Fraser Avenue	Park Street	Showground Road	DGA	225	25	197	29	60	60	5	18	3	11
Dawn Fraser Avenue	Showground Road	Olympic Boulevard	DGA	270	42	234	48	60	60	5	18	3	11
Dawn Fraser Avenue	Olympic Boulevard	Edwin Flack Avenue, Sydney Olympic Park.	DGA	598	79	537	79	60	60	2	2	2	2
Uhrig Road	Edwin Flack Avenue, Sydney Olympic Park.	Carter Street	DGA	306	93	274	93	50	50	9	9	9	9
Access	Uhrig Road/Carter Street	M4 Motorway	DGA	918	109	824	108	50	50	9	9	9	9
John Street	South Street	Antoine Street	DGA	46	2	41	2	50	50	4	8	4	8
John Street	Victoria Road	Gladys Street	DGA	87	3	78	3	50	50	1	0	1	0
Fallon Street	South Street	John Street	DGA	21	1	19	1	50	50	16	2	16	2
Fallon Street	Primrose Avenue	South Street	DGA	20	1	18	1	50	50	16	2	16	2
Primrose Avenue	South Street	John Street	DGA	53	2	47	2	50	50	34	2	34	2
Primrose Avenue	Victoria Road	South Street	DGA	92	4	82	4	50	50	34	2	34	2
River Road	Lindsay Avenue	South Street	DGA	223	9	200	9	50	50	26	1	26	1
River Road	South Street	Victoria Road	DGA	299	12	268	12	50	50	26	1	26	1
Hilder Road	Lindsay Avenue	Tristram Street	DGA	59	2	53	2	50	50	19	1	19	1
Hilder Road	Tristram Street	Coffey Street	DGA	87	3	78	3	50	50	35	4	35	4

C-7 Operational road traffic assessment methodology

The potential noise impacts associated with changes in noise levels along public roads as a result of the project have been assessed through comparison of the no-build traffic volumes and the 'build' traffic volumes along the surrounding road network. Traffic volumes are based on available traffic modelling data being for 2031 and assumes the Sydney Metro West project is operational.

It has been assumed that the increase in noise level at sensitive receivers along major roads such as James Ruse Drive, Victoria Road and Silverwater Road would be negligible during the construction period due to the existing high traffic volumes along these roads.

The 'no build' and 'build' construction traffic volumes on sub-arterial, collector and local road haulage routes have been used to determine where potentially noticeable increases in road traffic noise (i.e. a greater than 2.0 dB increase) may be apparent as a result of the changes in road traffic conditions associated with the project.

Due to limited information available, various side streets (e.g. side streets in Rydalmere) have not been included in the assessment as no information has been made available for these local roads.

The traffic volumes are presented in Table C.23 (sub-arterial and collector roads) and Table C.24 (local roads) below.

Calculations have been made using the CoRTN prediction method to estimate the increase in noise level at the nearest sensitive receivers to the impacted roads during the construction period. Where the increase is predicted to be greater than 2 dB, calculations have been undertaken to determine the noise level at the most affected sensitive receivers and compared against the RNP controlling noise criteria for sub-arterial/collector roads and for local roads.

Where a greater than 2 dB increase is predicted and the RNP controlling noise criteria is exceeded, mitigation strategies have been recommended to reduce potential noise impacts.

Further investigation of construction traffic should be undertaken during the design development process.

Table C.23 Estimated traffic volumes (pre-construction and during-construction) – sub-arterial/collector roads

Road	Road Section Start	Road Section End	Road type	Existing traffic – Day (15 hour)		Existing – Night (9 hour)		Existing speed, km/hr		Additional construction traffic – day (15 hour)		Additional construction traffic – night (9 hour)	
				LV	HV	LV	HV	Day	Night	LV	HV	LV	HV
South Street	Park Road, Rydalmere	John Street	DGA	7862	216	1575	50	50	50	8058	217	1614	51
South Street	John Street	Patricia Street	DGA	6763	212	1354	49	50	50	6931	214	1388	50
South Street	Patricia Street	Nowill Street	DGA	6430	202	1287	47	50	50	6590	204	1320	47
South Street	Nowill Street	Primrose Street	DGA	6398	201	1281	47	50	50	6558	203	1313	47
South Street	Primrose Street	Fallon Street	DGA	6297	209	1261	49	50	50	6508	212	1303	49
South Street	Fallon Street	Silverwater Road	DGA	6454	214	1292	50	50	50	6670	217	1335	51
South Street	Silverwater Road	River Road, Ermington	DGA	1126	37	225	9	50	50	1163	38	233	9
Boronia Street	Spurway Street/Broadoaks Street	Honor Street	DGA	7103	1041	1389	242	50	50	7251	1012	1418	235
Boronia Street	Honor Street	Trumble Avenue	DGA	7236	1061	1415	247	50	50	7387	1031	1445	240
Boronia Street	Trumble Avenue	Boyle Street	DGA	6842	1003	1338	233	50	50	6985	975	1366	227
Boronia Street	Boyle Street	Murdoch Street	DGA	6818	1000	1334	233	50	50	6960	972	1361	226
Boronia Street	Murdoch Street	Spofforth Street	DGA	6863	961	1345	224	50	50	6918	935	1355	218
Boronia Street	Spofforth Street	Trumper Street	DGA	6893	966	1350	225	50	50	6948	939	1361	219
Boronia Street	Trumper Street	Atkins Road, Ermington	DGA	6597	924	1292	215	50	50	6650	899	1303	209
Atkins Road	Boronia Street	Hope Street	DGA	7126	893	1401	208	50	50	7552	869	1484	202
Hope Street	Atkins Road, Ermington	Hughes Avenue	DGA	10091	1336	1982	311	50	50	10243	1273	2011	296
Hope Street	Hughes Avenue	Waratah Street	DGA	12401	422	2479	98	50	50	12146	398	2428	93
Hope Street	Waratah Street	Wharf Road/Lancaster Avenue, Melrose Park	DGA	10415	354	2082	82	50	50	10202	334	2039	78
Wharf Road	Hope Road/Lancaster Avenue	Mary Street	DGA	8847	234	1772	54	50	50	8784	228	1760	53
Wharf Road	Mary Street	Andrew Street	DGA	9777	258	1959	60	50	50	9708	252	1945	59
Hill Road	Burroway Road/Footbridge Boulevard, Wentworth Point	Nuvolari Place	DGA	13464	132	2704	31	60	60	13216	132	2654	31
Hill Road	Nuvolari Place	Baywater Drive	DGA	17014	166	3417	39	60	60	16701	166	3354	39
Hill Road	Baywater Drive	Stromboli Strait	DGA	19432	190	3902	44	60	60	19074	190	3830	44
Hill Road	Stromboli Strait	Bennelong Parkway	DGA	20504	201	4117	47	60	60	20127	201	4042	47
Hill Road	Bennelong Parkway	Holker Street, Sydney Olympic Park	DGA	22500	196	4518	46	60	60	21636	200	4344	46
Spurway Street	Boronia Street	Tristram Street	DGA	5840	735	1148	171	50	50	6021	717	1184	167
Spurway Street	Tristram Street	Victoria Road	DGA	6092	577	1202	134	50	50	6174	562	1218	131
Atkins Road	Hope Street	Victoria Road	DGA	3411	433	672	101	50	50	4469	393	881	92
Hughes Avenue	Hope Street	Victoria Road	DGA	1719	215	338	50	50	50	1729	213	340	50
Wharf Road	Hope Street	Victoria Road	DGA	6507	395	1296	92	50	50	6772	386	1349	90
Kevin Coombs Avenue	Australia Avenue	Old Hill Link	DGA	8475	522	1690	122	60	60	8512	513	1697	119
Old Hill Link	Edwin Flack Avenue	Hill Road	DGA	781	72	700	71	60	60	761	71	683	70

Table C.24 Estimated traffic volumes (pre-construction and during-construction) – local roads

Road	Road Section Start	Road Section End	Road type	Existing traffic - Day (1 hour)		Existing traffic - Night (1 hour)		Existing speed, km/hr		Additional construction traffic – Day (1 hour)		Additional construction traffic – Night (1 hour)	
				LV	HV	LV	HV	Day	Night	LV	HV	LV	HV
Grand Avenue	James Ruse Drive/Hassall Street	ALDI Access/Rosehill Gardens Gate 1 Access	DGA	1087	67	962	77	60	60	1158	66	1025	77
Grand Avenue	ALDI Access/Rosehill Gardens Gate 1 Access	Durham Street	DGA	629	38	556	44	60	60	670	38	593	44
Grand Avenue	Durham Street	Thackeray Street/Unnamed Road	DGA	205	13	181	14	60	60	218	13	193	14
Australia Avenue	Kevin Coombs Avenue/Marjorie Jackson Parkway	Grand Parade	DGA	850	39	757	45	60	60	844	39	752	44
Australia Avenue	Grand Parade	Murray Rose Avenue	DGA	894	45	796	51	60	60	898	45	800	51
Australia Avenue	Murray Rose Avenue	Dawn Fraser Avenue	DGA	1029	51	916	59	60	60	1034	51	920	59
Australia Avenue	Dawn Fraser Avenue	Parkview Drive/Herb Elliott Avenue	DGA	796	52	706	60	60	60	1028	70	912	80
Dawn Fraser Avenue	Australia Avenue	Park Street	DGA	130	14	114	17	60	60	122	14	107	16
Dawn Fraser Avenue	Park Street	Showground Road	DGA	233	26	205	30	60	60	219	25	192	29
Dawn Fraser Avenue	Showground Road	Olympic Boulevard	DGA	285	45	247	51	60	60	292	45	254	52
Dawn Fraser Avenue	Olympic Boulevard	Edwin Flack Avenue, Sydney Olympic Park.	DGA	732	82	657	81	60	60	750	82	672	81
Uhrig Road	Edwin Flack Avenue, Sydney Olympic Park.	Carter Street	DGA	385	52	346	51	50	50	413	51	371	51
Access	Uhrig Road/Carter Street	M4 Motorway	DGA	998	108	895	108	50	50	1001	106	898	106
John Street	South Street	Antoine Street	DGA	44	2	39	2	50	50	58	2	52	2

C-8 Maximum noise event source noise levels

C-8-1 Cars crossing over rail tracks

Noise measurements were undertaken to quantify the L_{AFmax} noise level of vehicles crossing the light rail track compared against the same vehicles crossing an intersection without crossing the light rail track. Noise monitoring was undertaken at the following intersection on 28 January, 2022:

- High Street and Botany Street, Randwick (Sydney Light Rail along High Street)
- Botany Street and Blenheim Street (no light rail track within the intersection).

Noise measurements were undertaken using two Svan 977 noise loggers at 1.5 metres above ground level using an A-weighting filter and ‘fast’ integration. A calibration check was undertaken before and after the measurement and the pre to post calibration variation was within +/- 0.5 dB.

Distance loss calculations were undertaken to estimate the sound power level of the vehicles crossing the intersection with and without the light rail track and are plotted in Figure C.3.

Based on the noise measurements, the sound power level of vehicles crossing light rail tracks are estimated to be between L_{AFmax} 100 and 110 dB, depending on the vehicle type and speed. Additionally, the noise measurements indicated that the L_{Aeq} noise level increased by an average of 4 dB compared to a pass-by without the rail track for the duration of the crossing over the rail (typically between 0.7 seconds and 1.0 second depending on the speed of the vehicle.

For the vehicles crossing over the rail tracks, the noise measurement data suggests an approximate 20*log relationship between speed and sound power level.

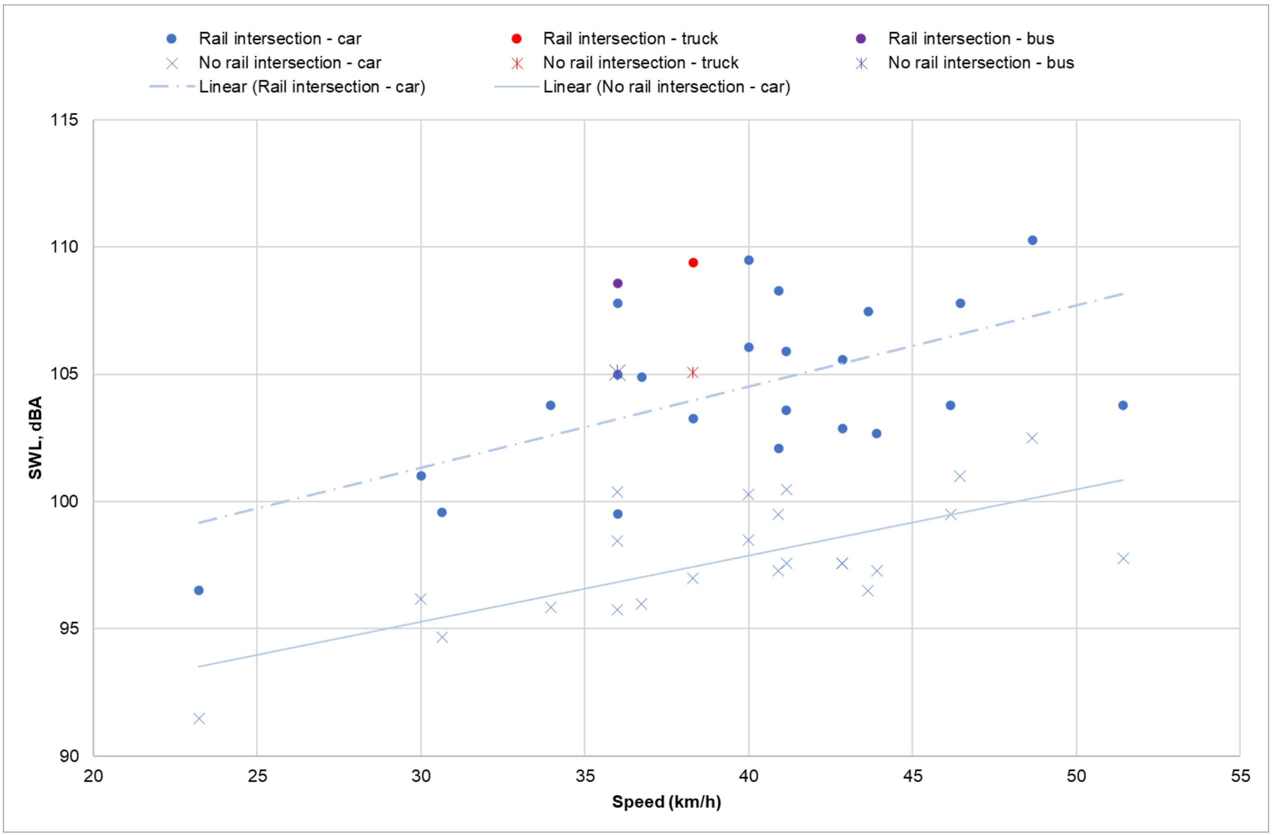


Figure C.3 Estimated sound power level – vehicles travelling across intersection with and without a light rail track

For the purposes of this assessment, a L_{AFmax} sound power level of 110 dBA has been assigned to the area where vehicles would cross the track at speed and is considered conservative.

To determine the effect of vehicles crossing over rail tracks on the L_{Aeq} noise level experienced at a receiver, the sound exposure level (SEL) of the following events were analysed:

– Vehicle pass-by events at seven metres from the closet lane at the intersection with no vehicles crossing the rail track.
– Vehicle pass-by events at seven metres from the closest lane at the intersection with vehicles crossing the rail trackthe measured SELs are presented in Table C.25. Based on the measurements, an increase of up to L_{Aeq} 0.6 dB, during both the day and night periods, would be expected at receivers fronting intersections where vehicles would cross the light rail track. This is considered conservative as the number of vehicles that would cross the light rail track (perpendicular to the track) would generally be significantly less than the number of vehicles that would travel parallel to the light rail track (and not cross it). The majority of vehicles that cross the intersection would travel parallel to the track and the LAeq noise level would not increase as a result of the light rail track as the vehicle would not cross the track.

Table C.25 Measured noise level of vehicle pass-bys at rail and non-rail intersections (SEL comparison)

Event	Vehicle pass-by – no rail intersection			Vehicle pass-by – rail intersection			Assumed SEL (pass-by and rail crossing)	Difference in noise level (SEL), dB
	Seconds	LAeq	SEL	Seconds	LAeq	SEL		
Average of measured events	11	70.6	81.0	1	73.7	73.0	81.6	0.6

C-8-2 Heavy vehicle movements

Maximum noise events due to heavy vehicle pass-bys have been analysed at 55 Boronia Street, Rydalmere and at 5 Hope Street, Melrose Park to determine an indicative sound power level of these events. L_{AFMax} noise levels above 65 dBA were analysed at both locations and calculations were undertaken to determine the sound power level at the source. The measurements and calculations indicate that a L_{AFMax} sound power level of 105 dBA would be appropriate to adopt for the purposes of predicting the differences in L_{AFmax} noise levels as a result road design changes associated with the project.

C-9 South Street/Boronia Street realignment

C-9-1 Modelling methodology

Sections of South Street and Boronia Street would be realigned as a result of the project, where the eastbound lanes would move closer to residences to the north of South Street and Boronia Street. Additionally, there are various intersections along South Street and Boronia Street where vehicles would cross over the rail tracks.

Acoustic modelling was undertaken using SoundPLAN 8.2 noise modelling software to predict indicative road traffic noise levels at the nearest first row of residences fronting South Street and Boronia Street. The general parameters used in the noise model are presented in the Table C.26.

Table C.26 Noise modelling parameters – vehicles crossing light rail tracks

Variable	Parameter used
Software	SoundPLAN 8.2
Calculation method	CoRTN prediction method (NSW) +0 dB for cars -0.6 dB for truck engines at 1.5 metres -8.6 dB for truck exhausts at 3.6 metres Conversion factor or – 3 dB applied to convert L_{A10} to L_{Aeq}

Variable	Parameter used
Topography	The road interface with the light rail track has not yet been designed in 3 dimensions. As the road gradient has an effect on the sound power level assigned to the road, no topography has been used in the noise modelling.
Receiver locations	1.5 metres above the ground floor and 1 metre in front of the nearest facade
Ground absorption	0.5 for all areas (0 is non-porous ground such as concrete and 1 is porous ground such as grass)
Building footprints and heights	Sourced from Geoscape PSMA
Number of reflections	1 reflection from surrounding structures
Traffic volumes	See Table C.27 and Table C.28 below
Traffic speeds	50 km/hr for South Street and Boronia Street
Façade reflection	+2.5 dB to account for noise reflected from the façade
Corrections	+4.0 dB over a 10 metres section where vehicles would cross over the light rail track
Maximum noise event assessment	– Line source at 1.5 metres above the ground for heavy vehicle pass-bys at a sound power level of L_{AFmax} 105 dBA – Area source at 0.2 metres above the ground for vehicles crossing over the rail tracks at a sound power level of L_{AFMax} 110 dBA.

Table C.27 No Build traffic volumes (2031)

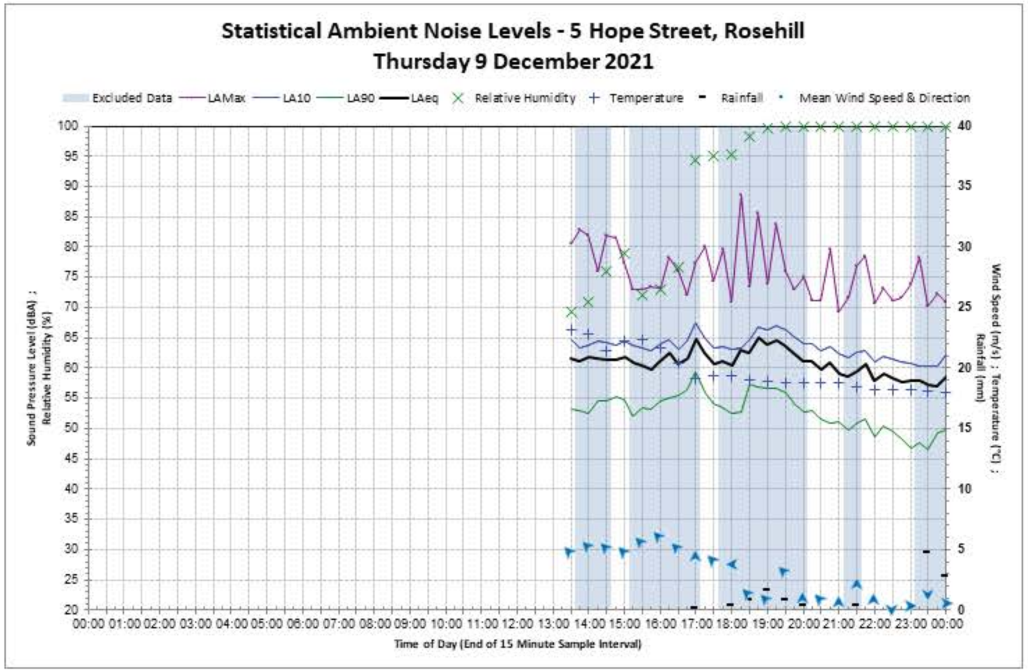
Road	Section Start	Section End	No Build – Day (15 hour)		No Build – Night (9 hour)	
			LV	HV	LV	HV
South Street EB	John Street	Silverwater Road	3234	104	648	24
South Street WB	John Street	Silverwater Road	3234	104	648	24
Boronia Street EB	Spurway Street	Atkins Road	3454	497	676	116
Boronia Street WB	Spurway Street	Atkins Road	3454	497	676	116

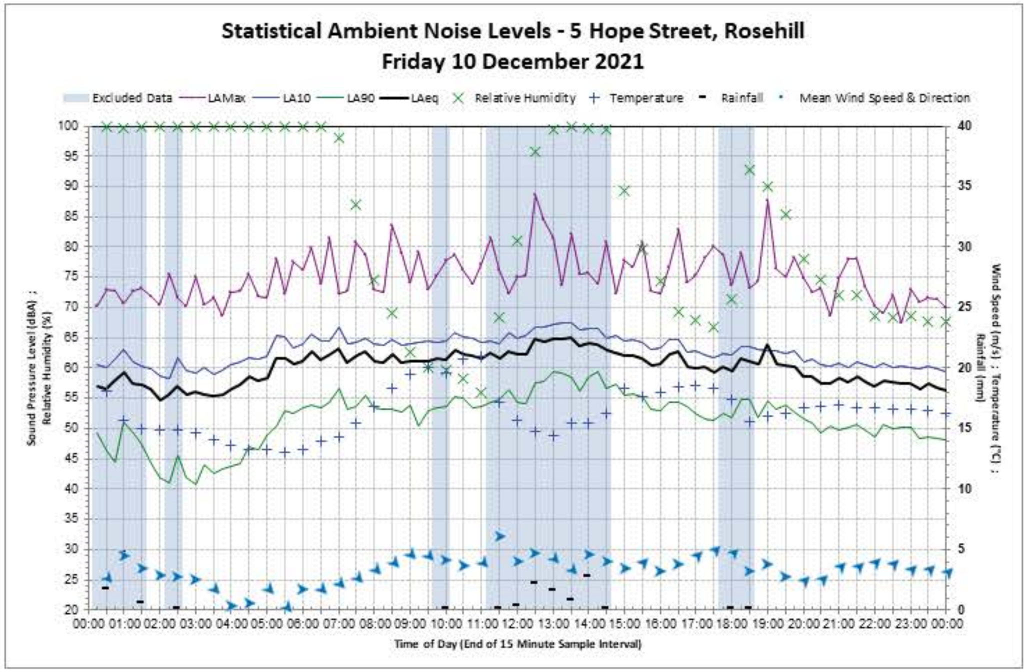
Table C.28 Build traffic volumes (2031)

Road	Section Start	Section End	No Build - Day (15 hour)		No Build – Night (9 hour)	
			LV	HV	LV	HV
South Street EB	John Street	Silverwater Road	3326	105	666	24
South Street WB	John Street	Silverwater Road	3326	105	666	24
Boronia Street EB	Spurway Street	Atkins Road	3507	483	686	112
Boronia Street WB	Spurway Street	Atkins Road	3507	483	686	112

Appendix D

Unattended noise monitoring charts


Statistical Ambient Noise Levels - 5 Hope Street, Rosehill
Thursday 9 December 2021
Excluded Data, LAMax, LA10, LA90, LAeq, Relative Humidity, Temperature, Rainfall, Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)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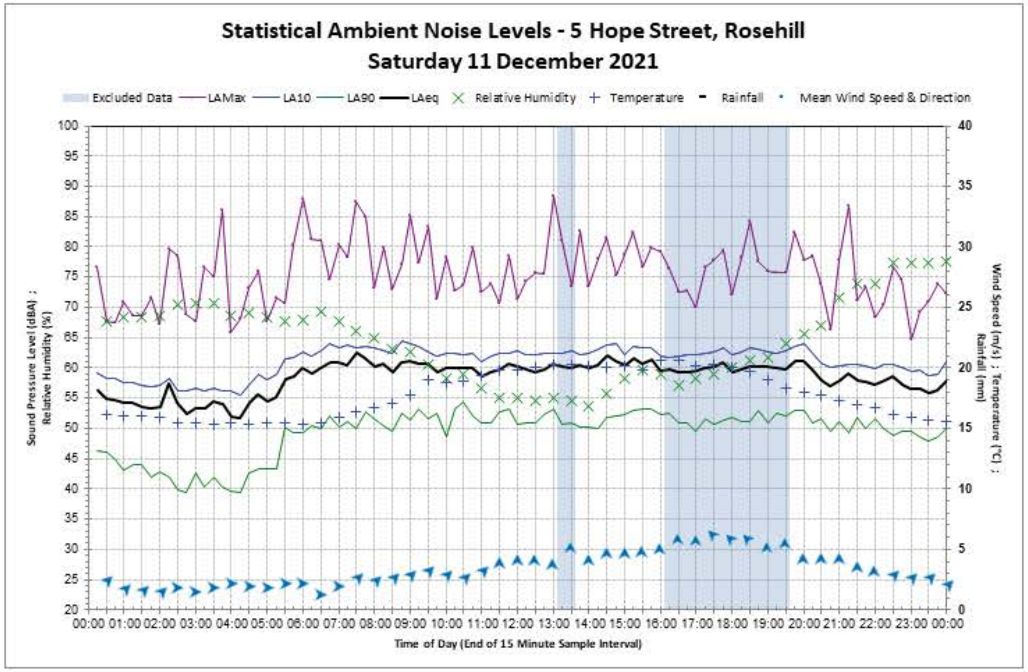
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)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Saturday 11 December 2021
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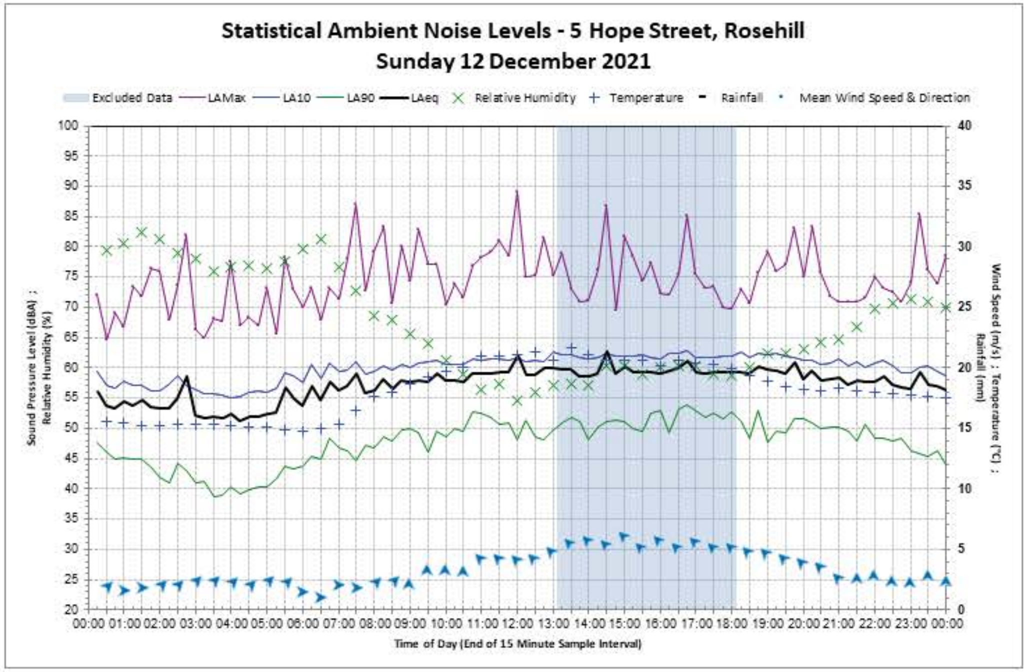
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)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Sunday 12 December 2021
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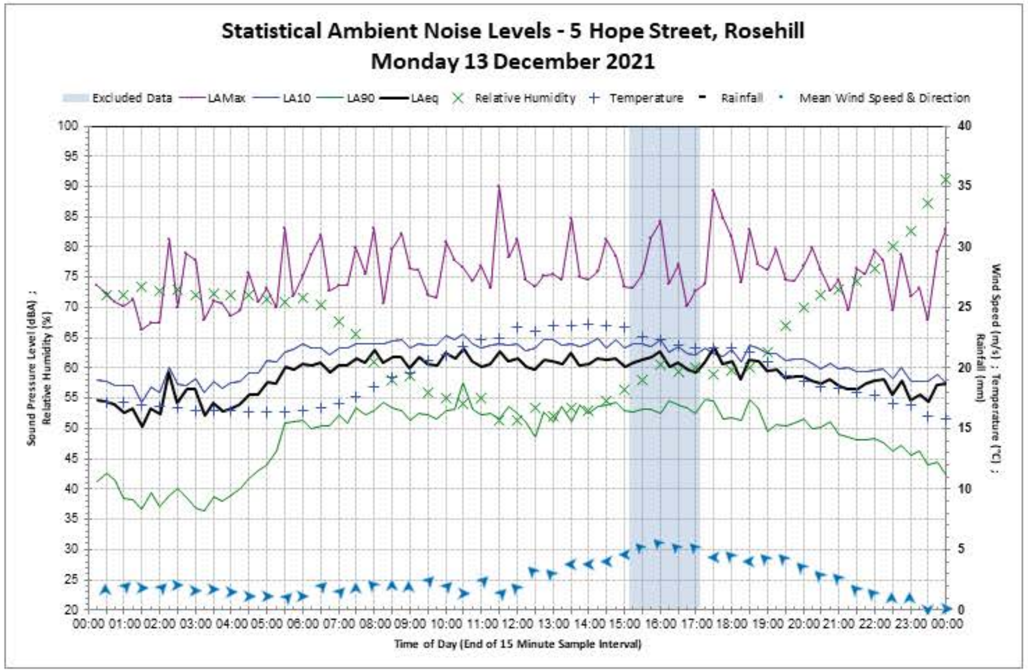
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



Statistical Ambient Noise Levels - 5 Hope Street, Rosehill
Monday 13 December 2021
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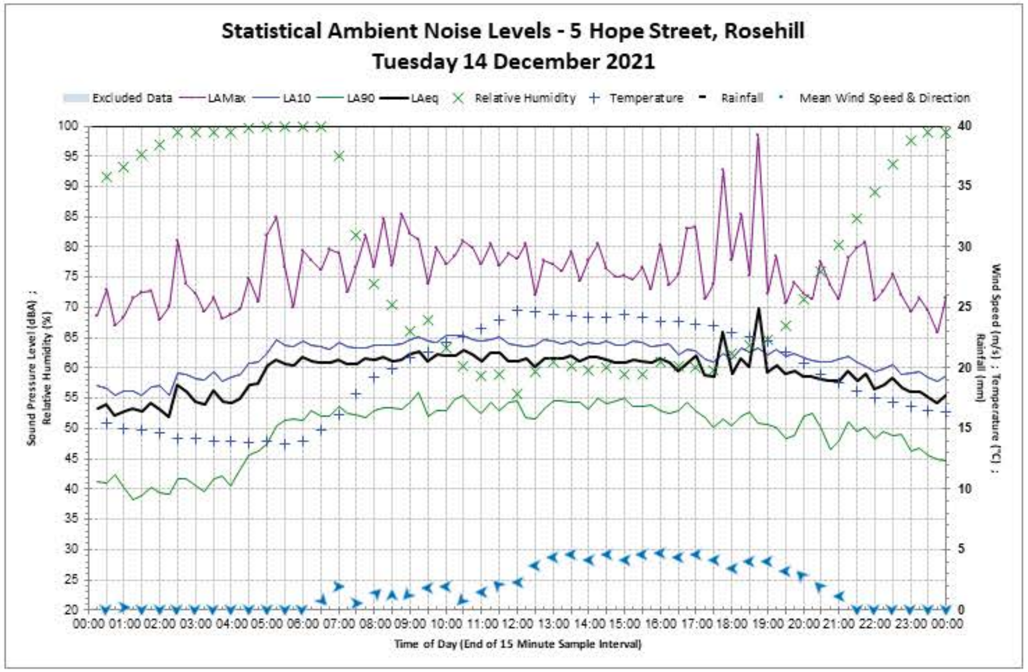
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



Statistical Ambient Noise Levels - 5 Hope Street, Rosehill
Tuesday 14 December 2021
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LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
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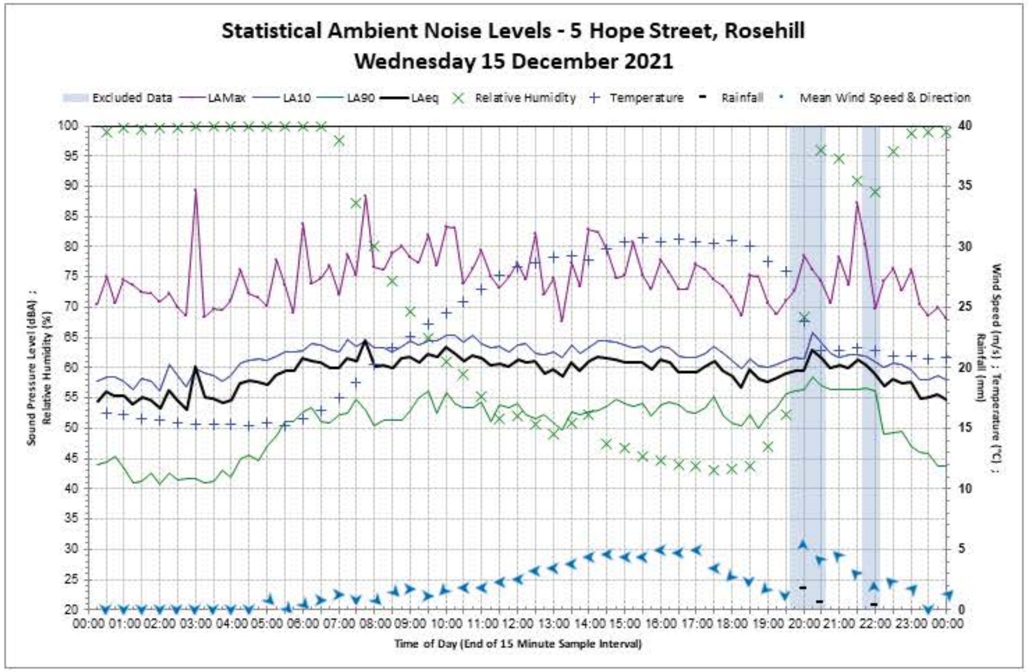
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



Statistical Ambient Noise Levels - 5 Hope Street, Rosehill
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LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
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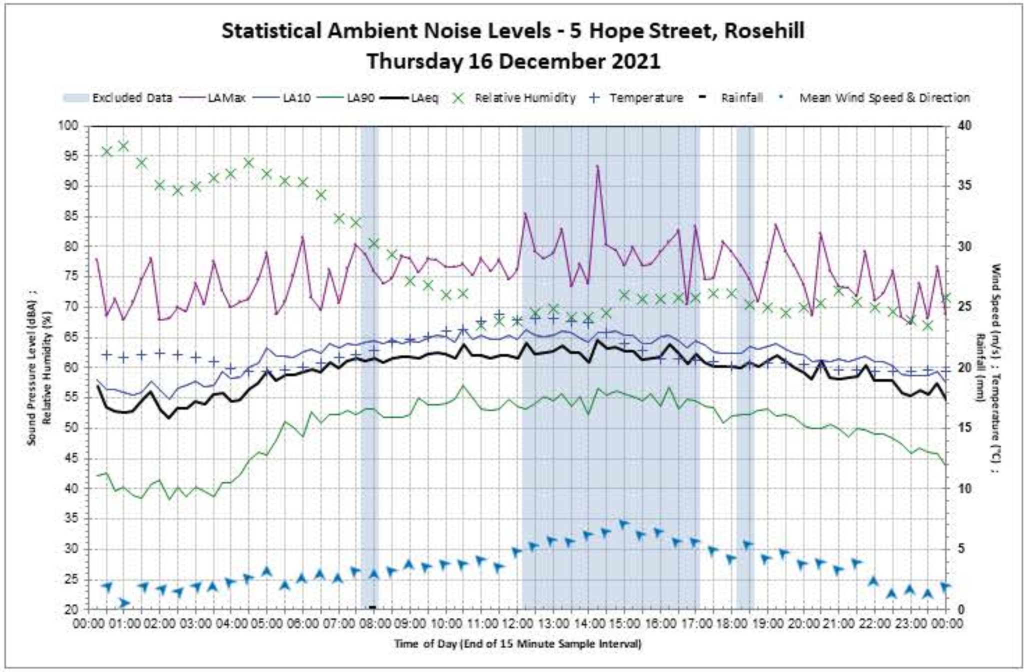
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



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LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
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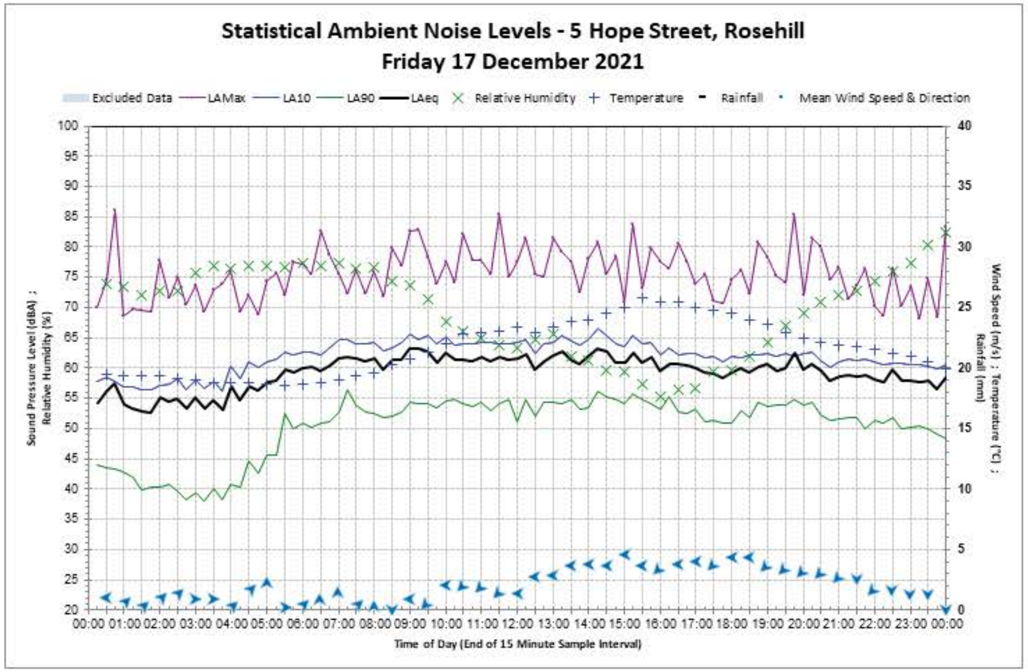
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)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LA90
LAeq
Relative Humidity
Temperature
Rainfall
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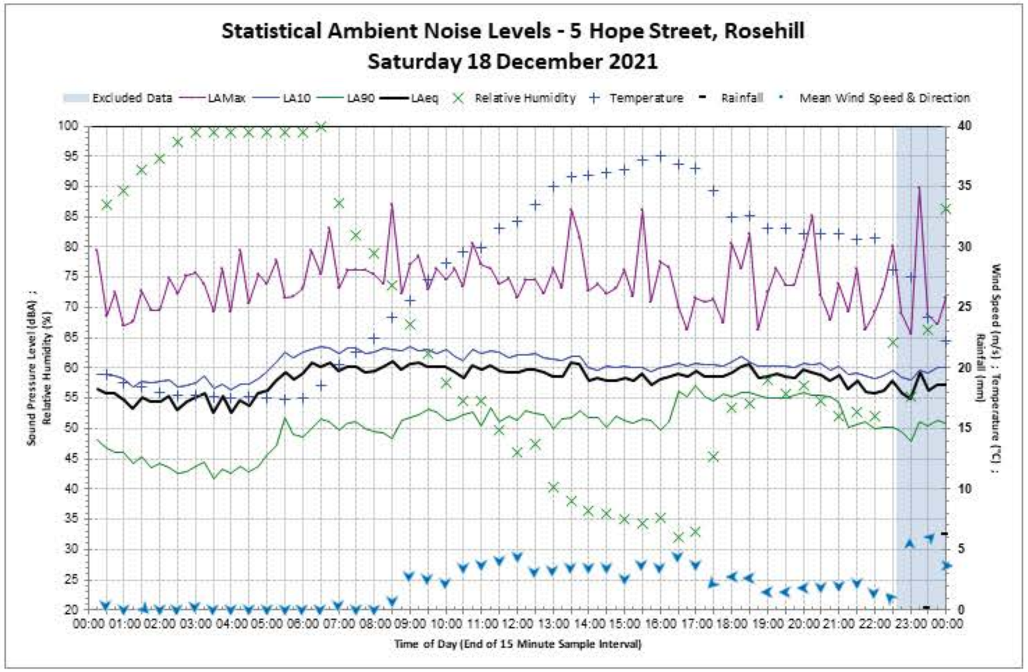
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Rainfall (mm) ; Temperature (°C) ;
Time of Day (End of 15 Minute Sample Interval)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LA90
LAeq
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Temperature
Rainfall
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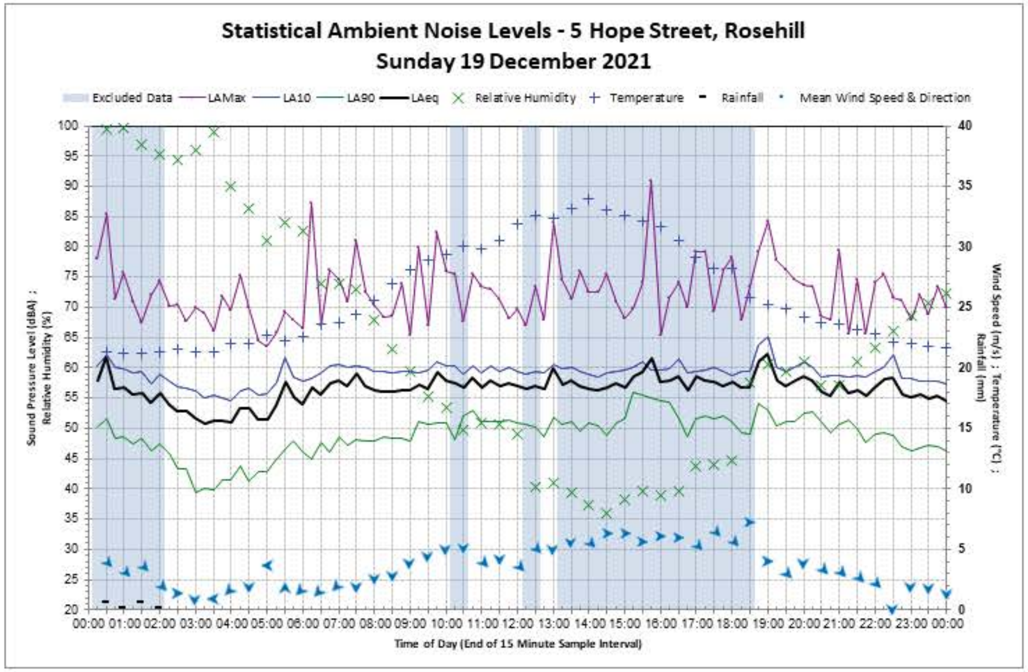
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Rainfall (mm) ; Temperature (°C) ;
Time of Day (End of 15 Minute Sample Interval)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LAeq
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Temperature
Rainfall
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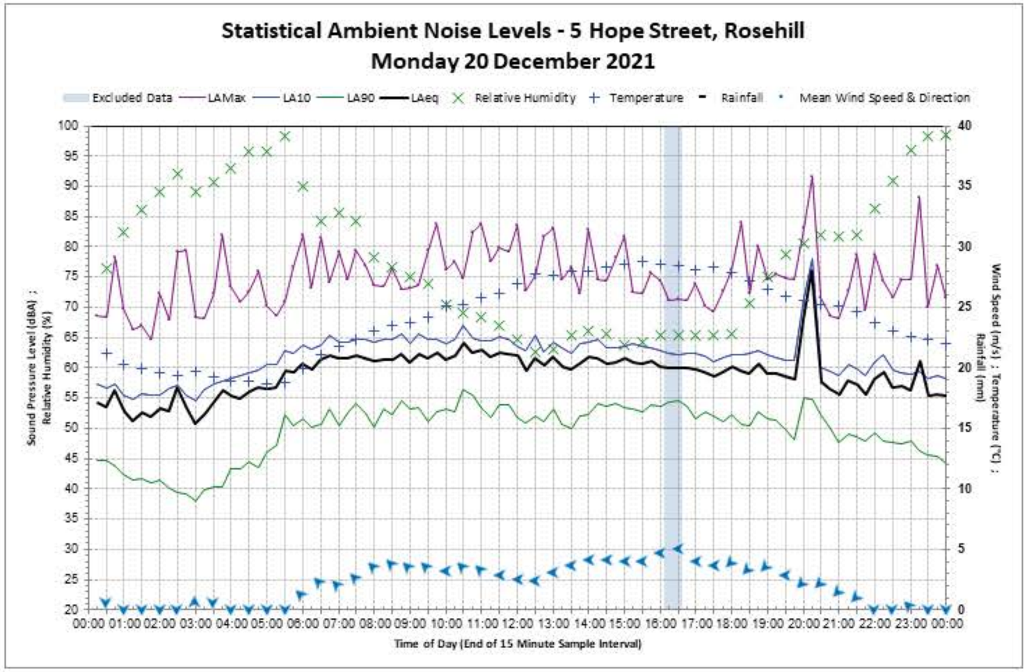
Wind Speed (m/s) ; Rainfall (mm) ; Temperature (°C) ;
Time of Day (End of 15 Minute Sample Interval)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LA90
LAeq
Relative Humidity
Temperature
Rainfall
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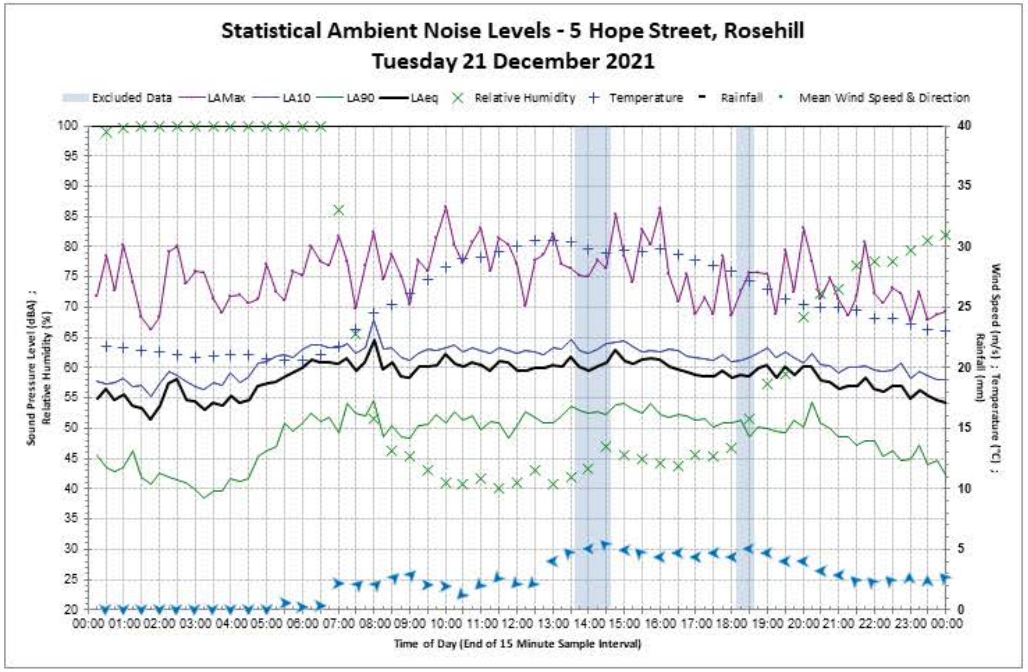
Wind Speed (m/s) ; Rainfall (mm) ; Temperature (°C) ;
Time of Day (End of 15 Minute Sample Interval)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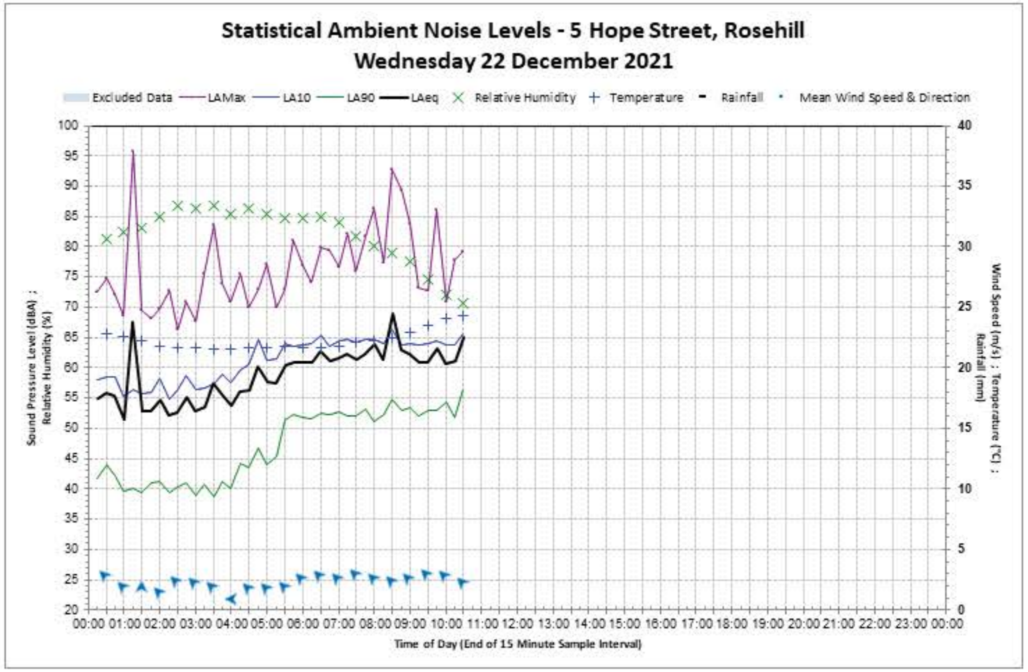
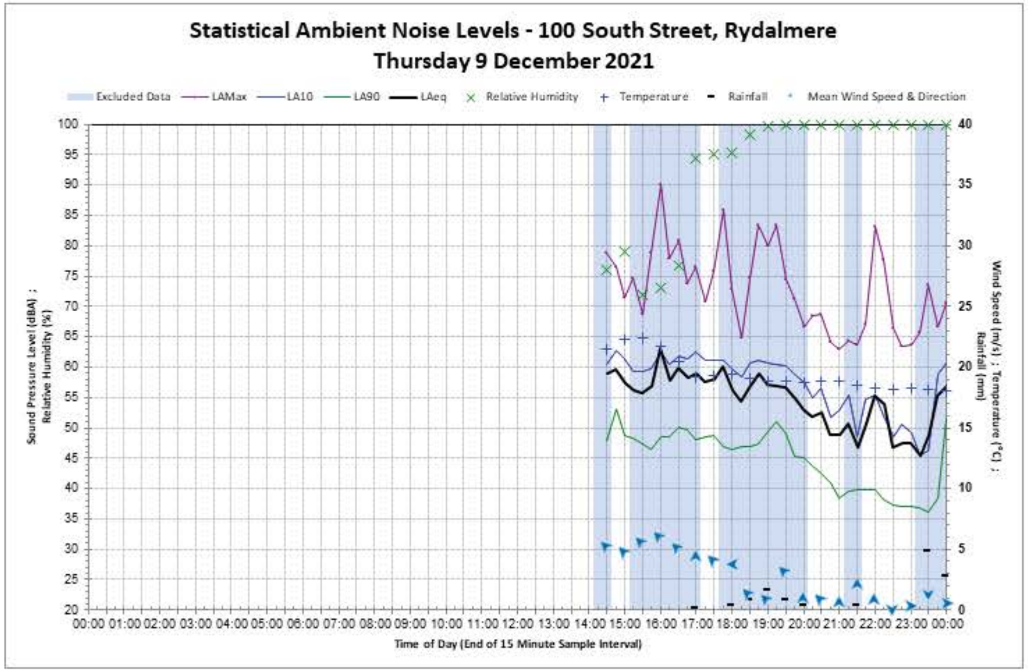
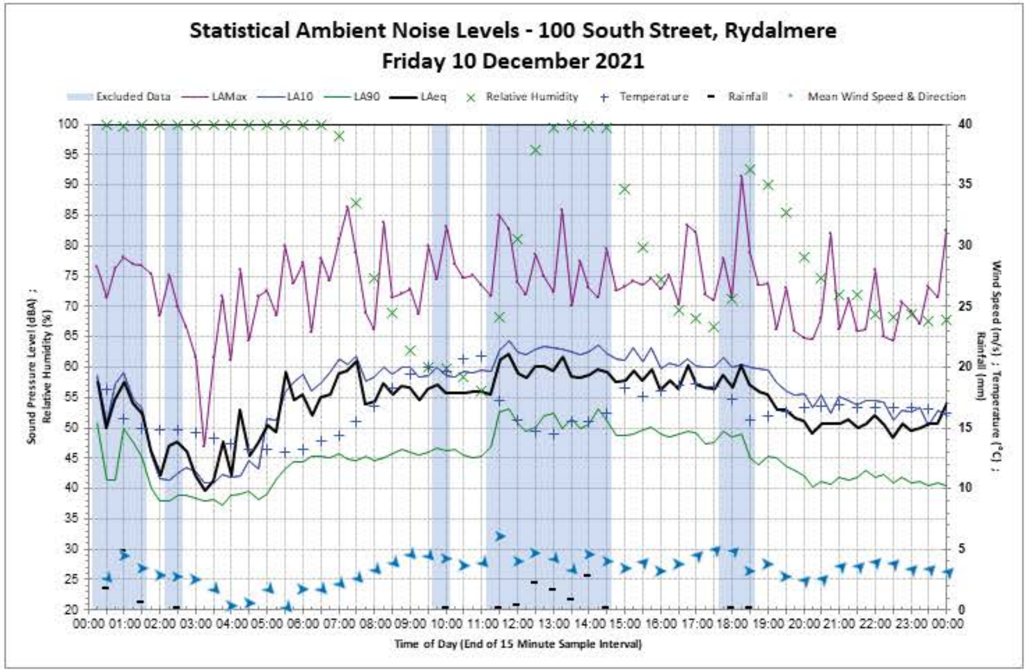
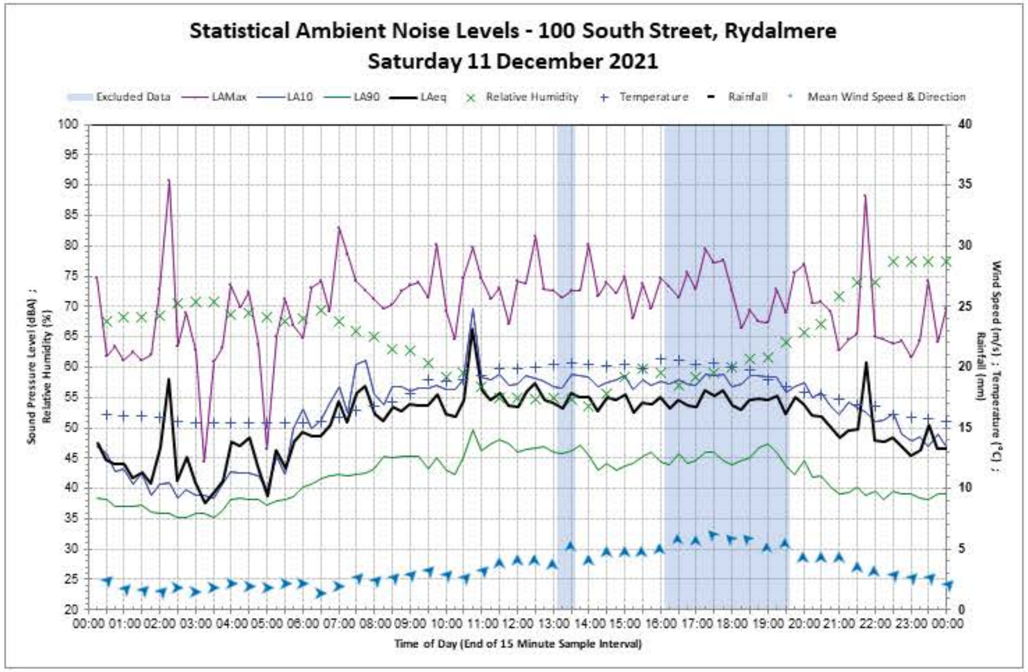
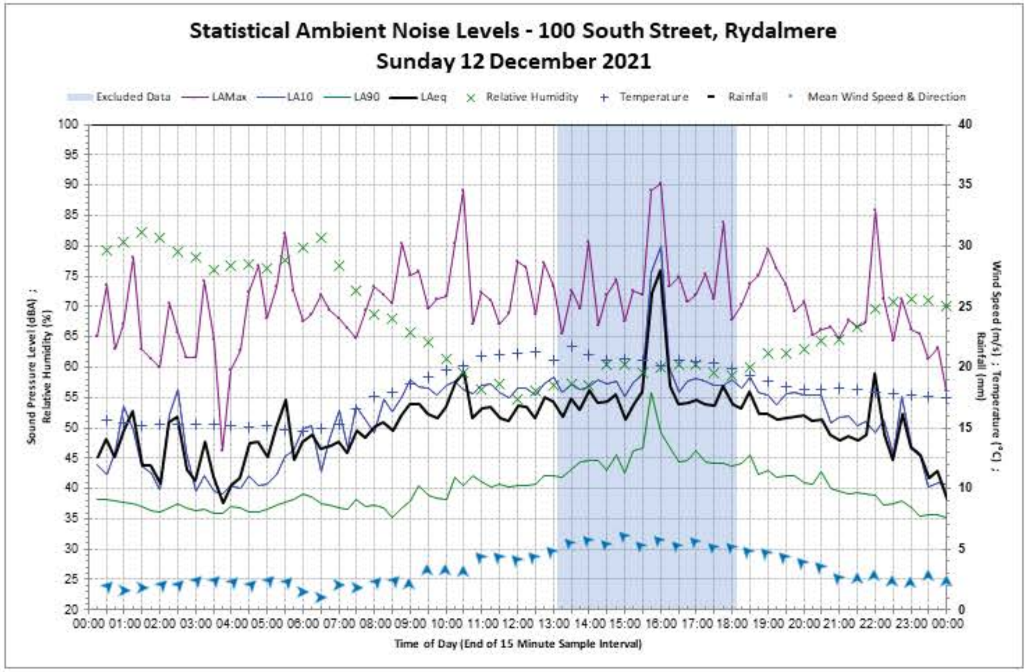
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 5 Hope Street, Rosehill
Wednesday 22 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

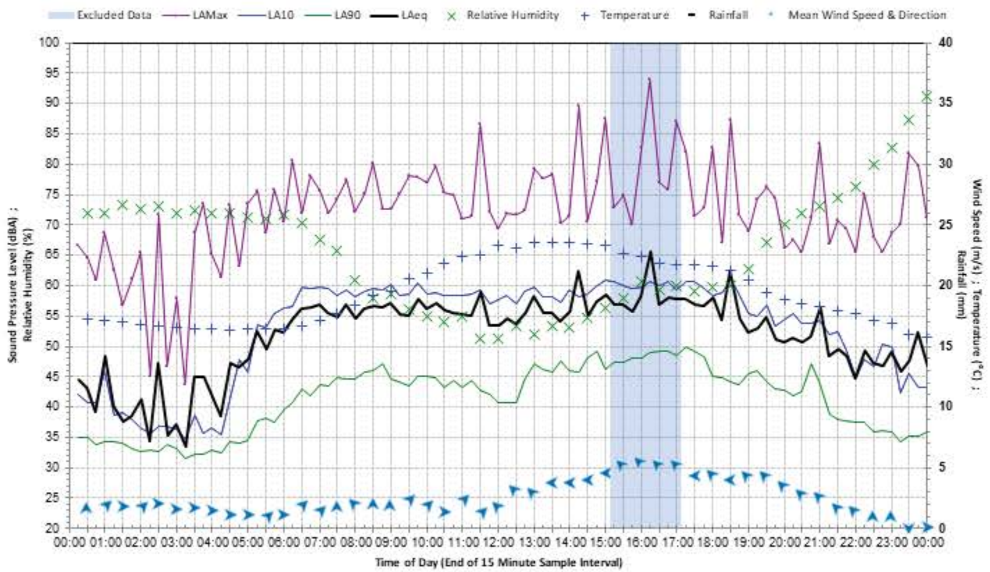

Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Thursday 9 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Friday 10 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

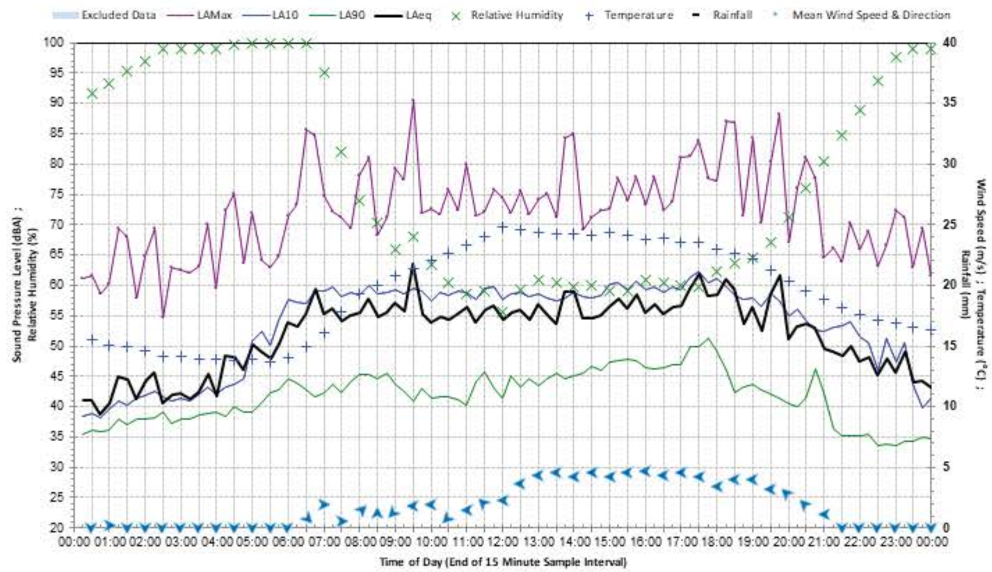

Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Saturday 11 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

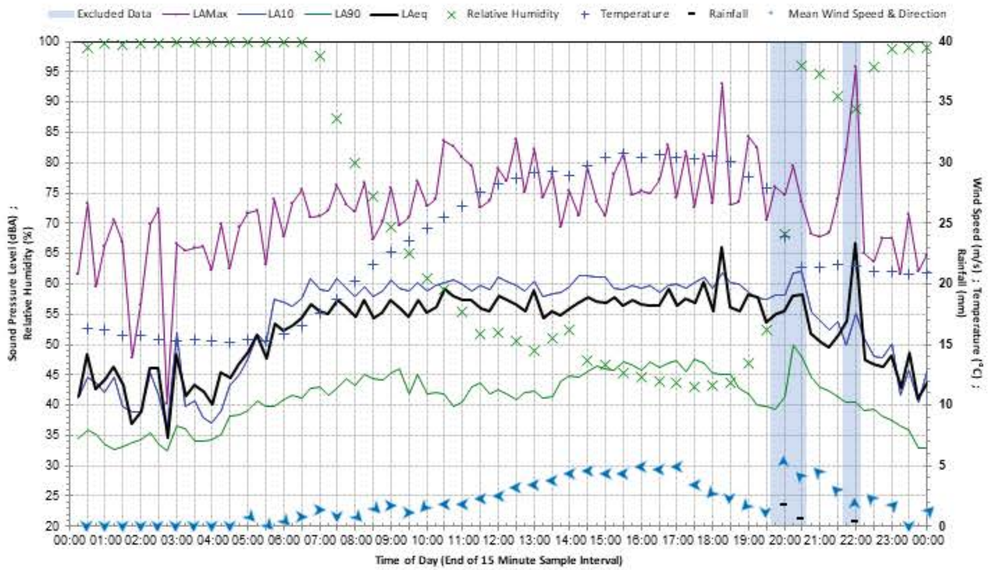
Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Monday 13 December 2021



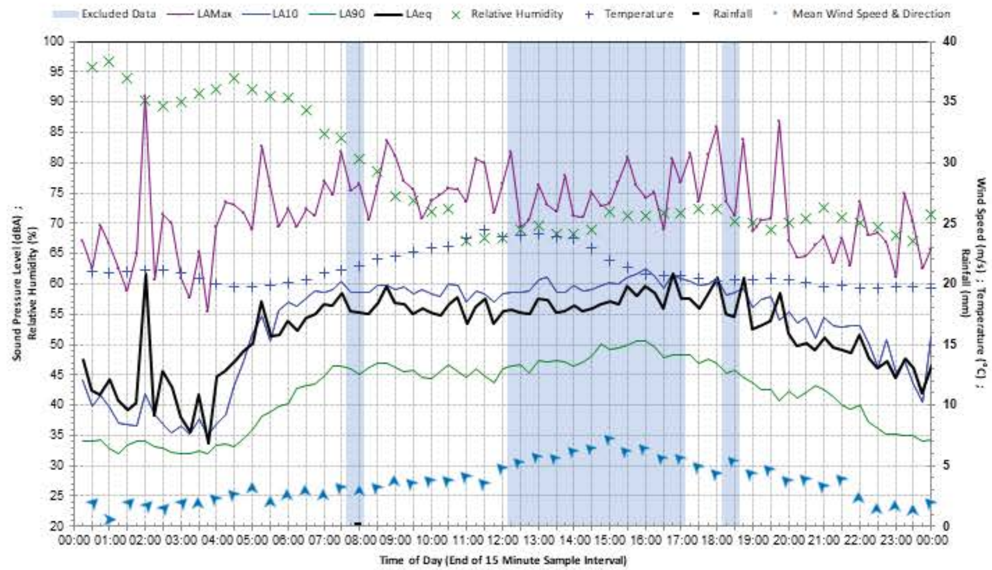
Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Tuesday 14 December 2021



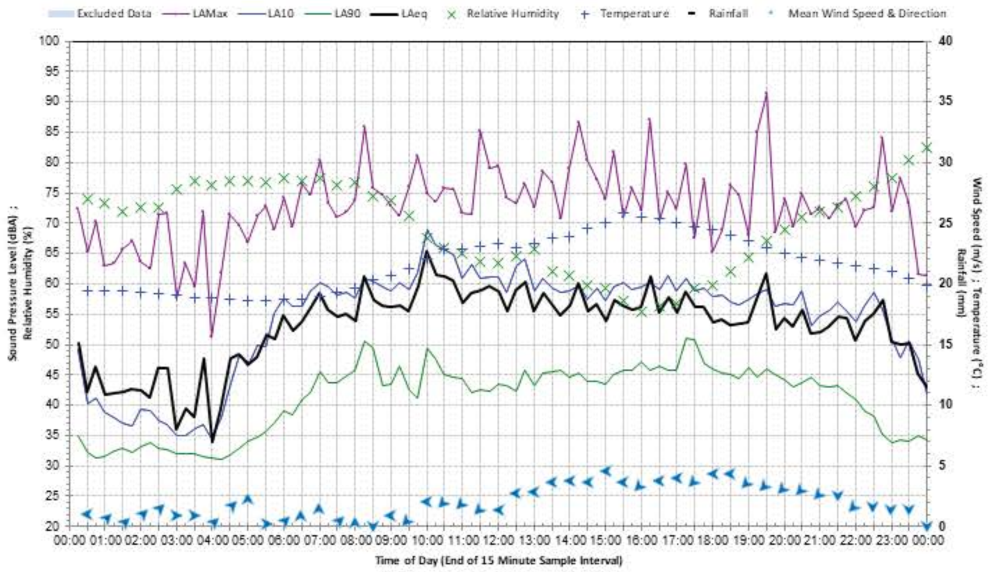
Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Wednesday 15 December 2021



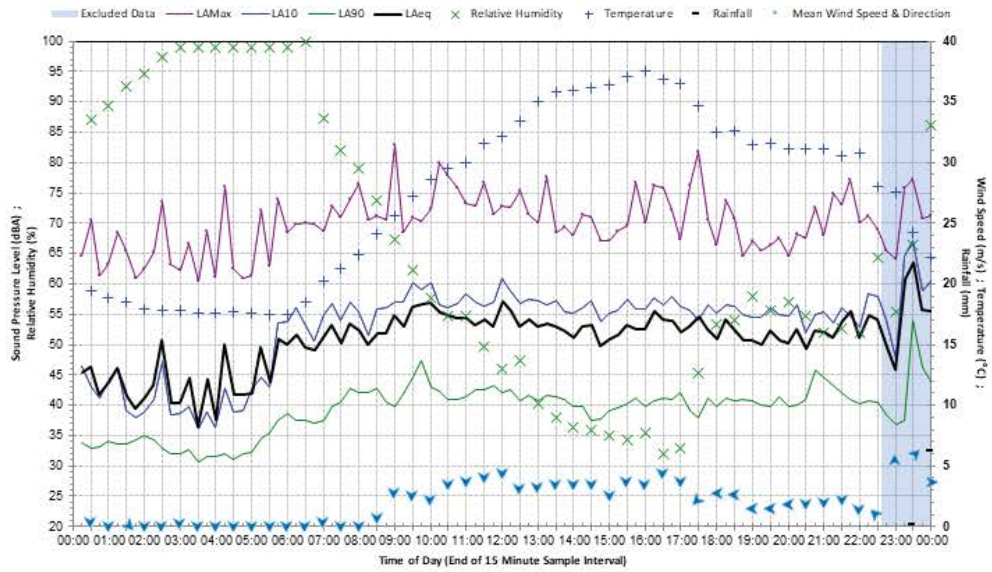
Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Thursday 16 December 2021



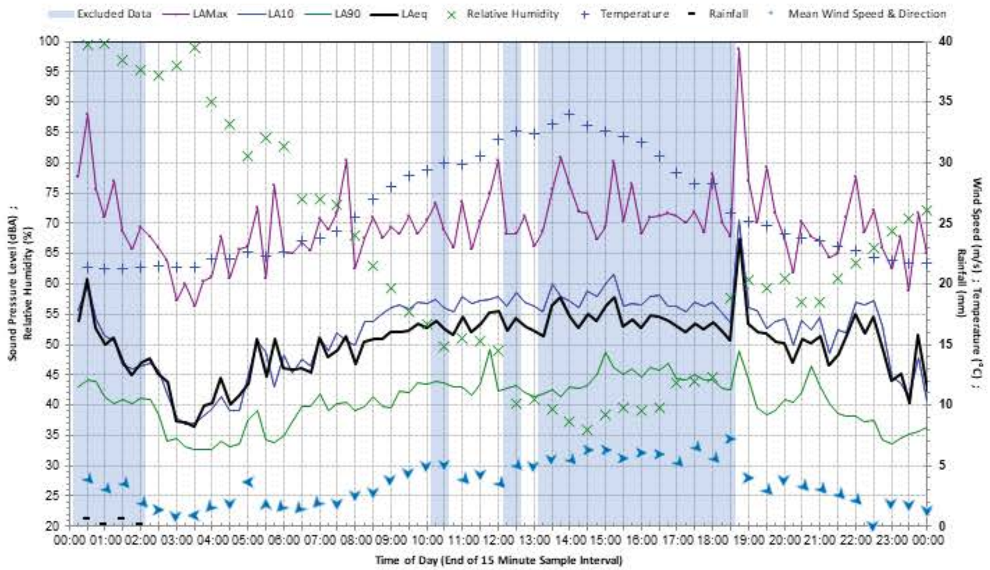
Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Friday 17 December 2021



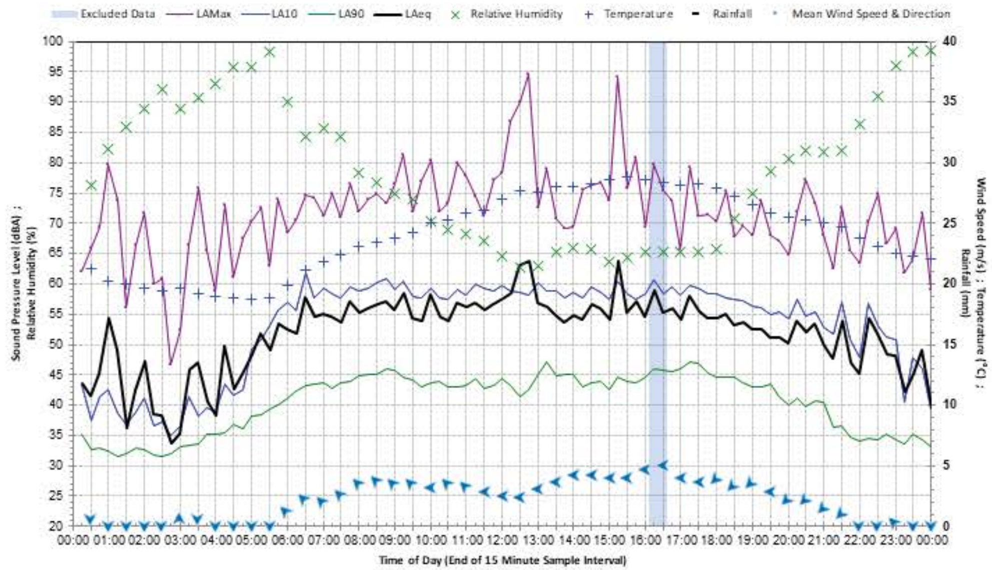
Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Saturday 18 December 2021

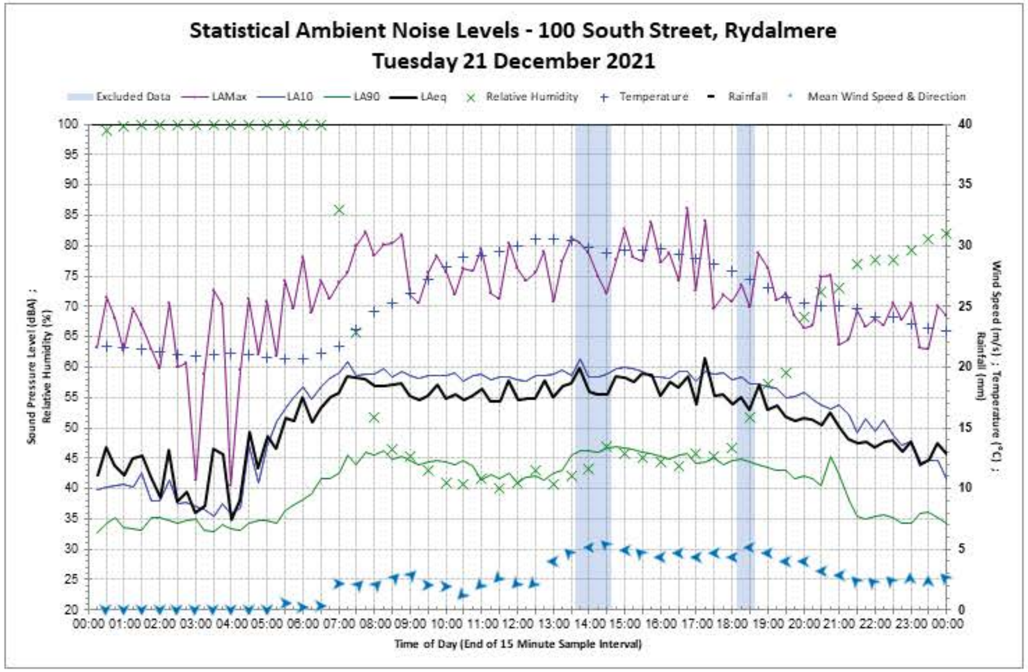


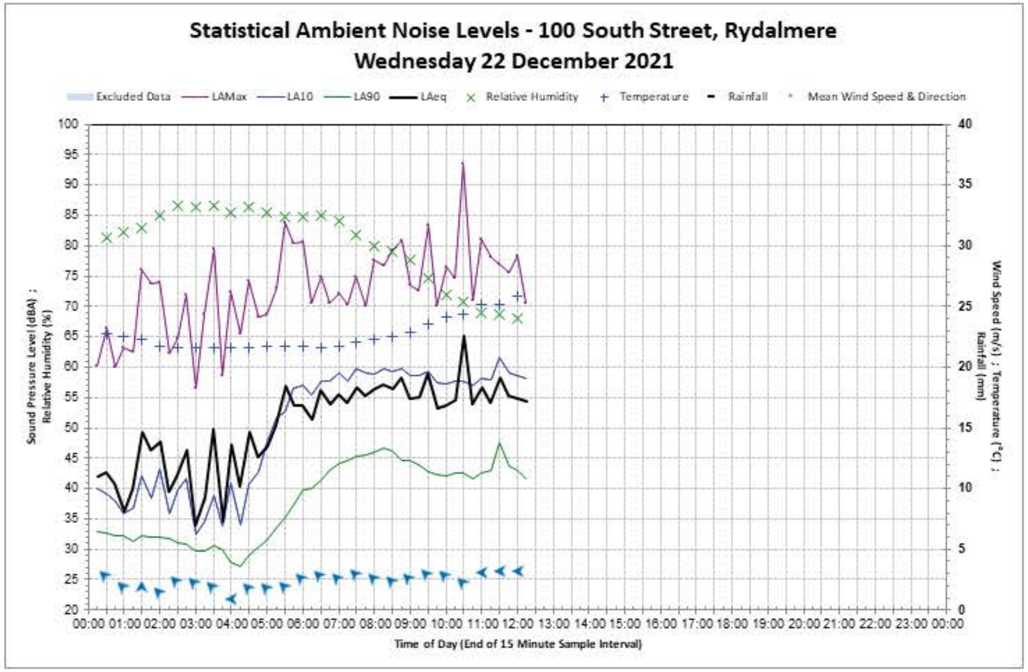
Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Sunday 19 December 2021

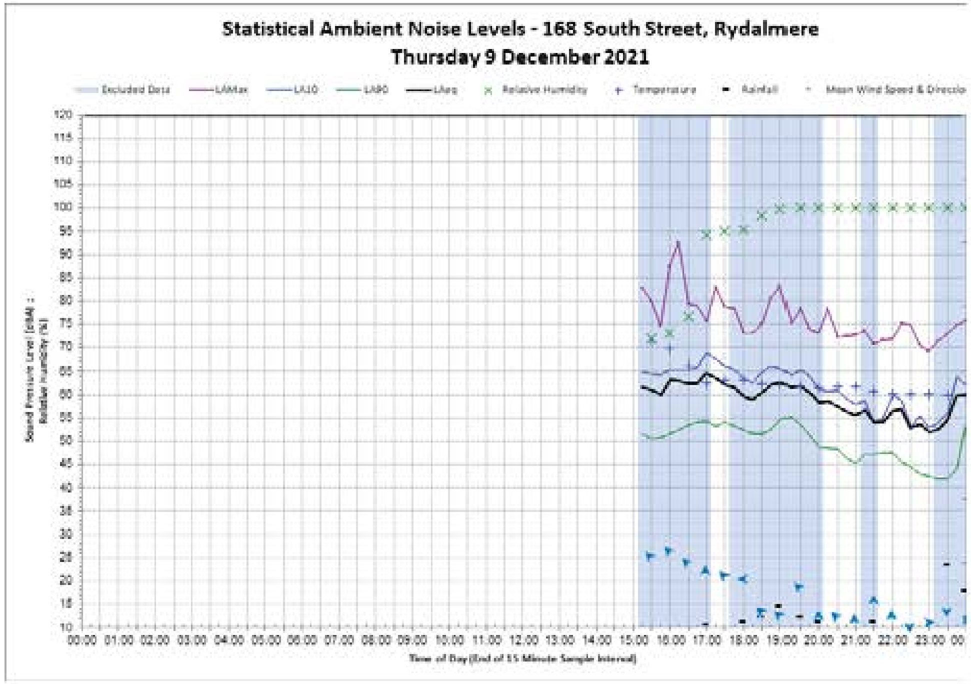


Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Monday 20 December 2021

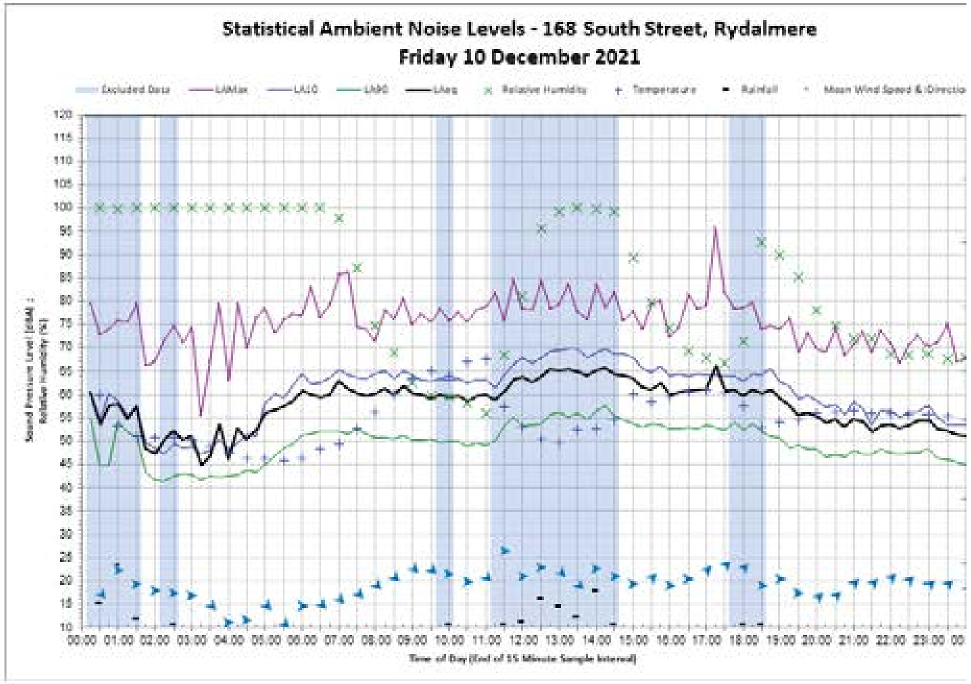



Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Tuesday 21 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

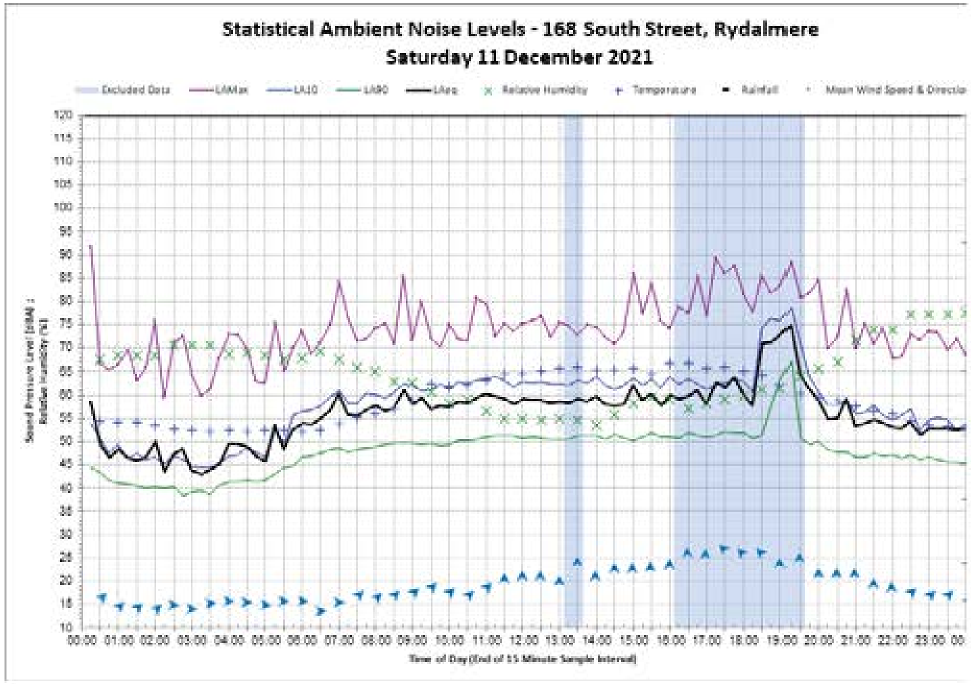

Statistical Ambient Noise Levels - 100 South Street, Rydalmere
Wednesday 22 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



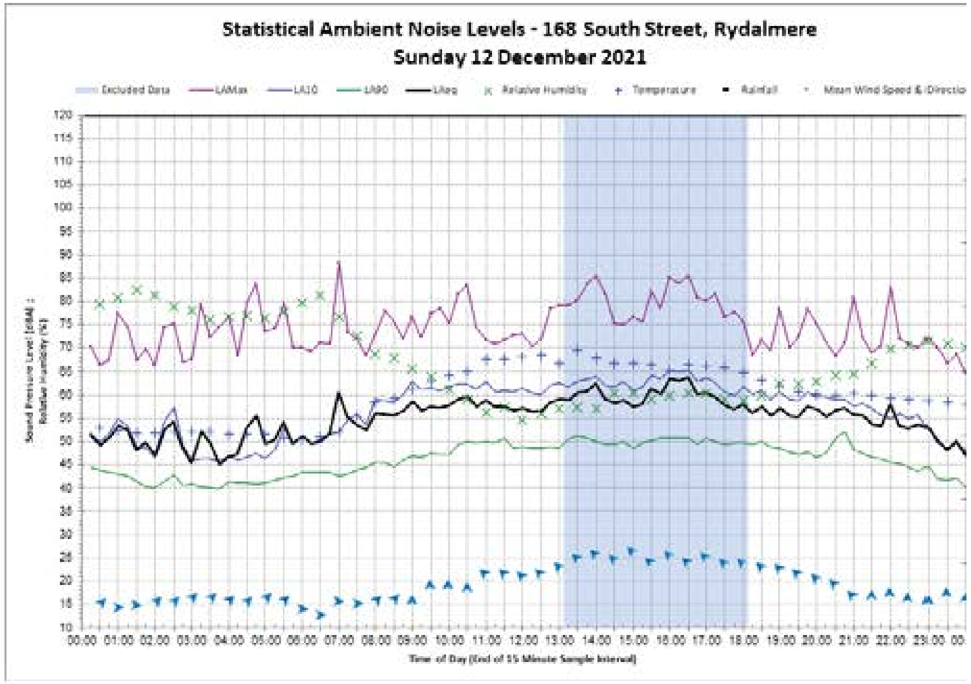
Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Thursday 9 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)



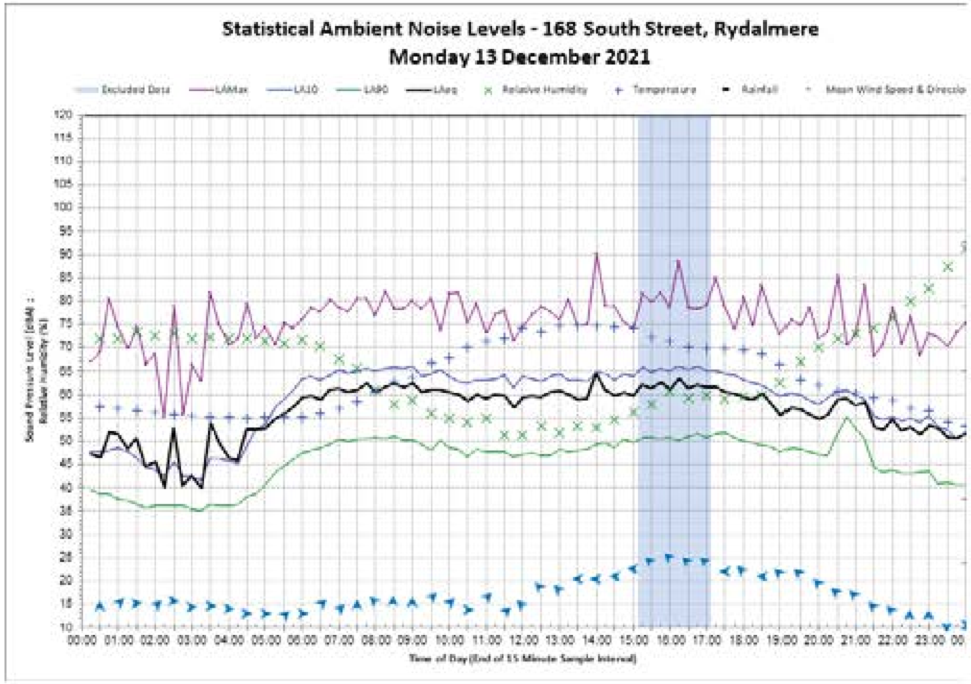
Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Friday 10 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

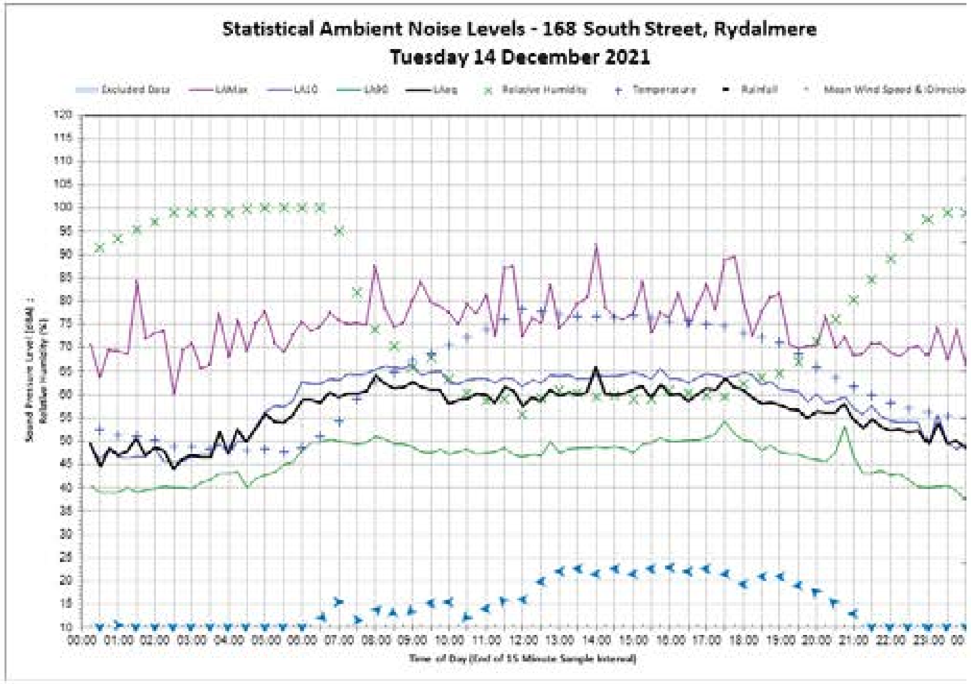


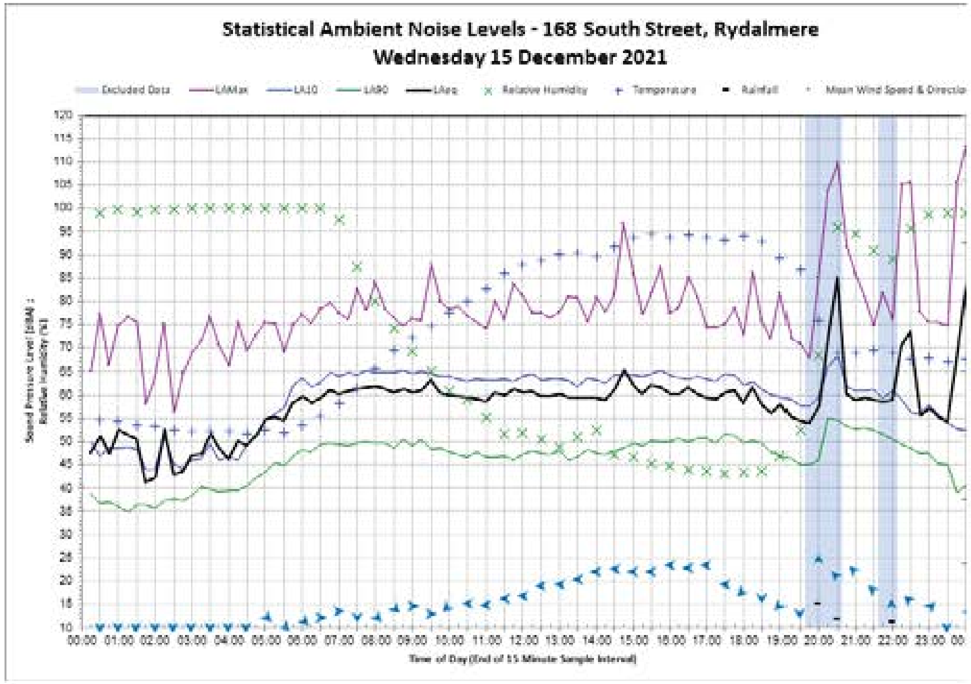
Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Saturday 11 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

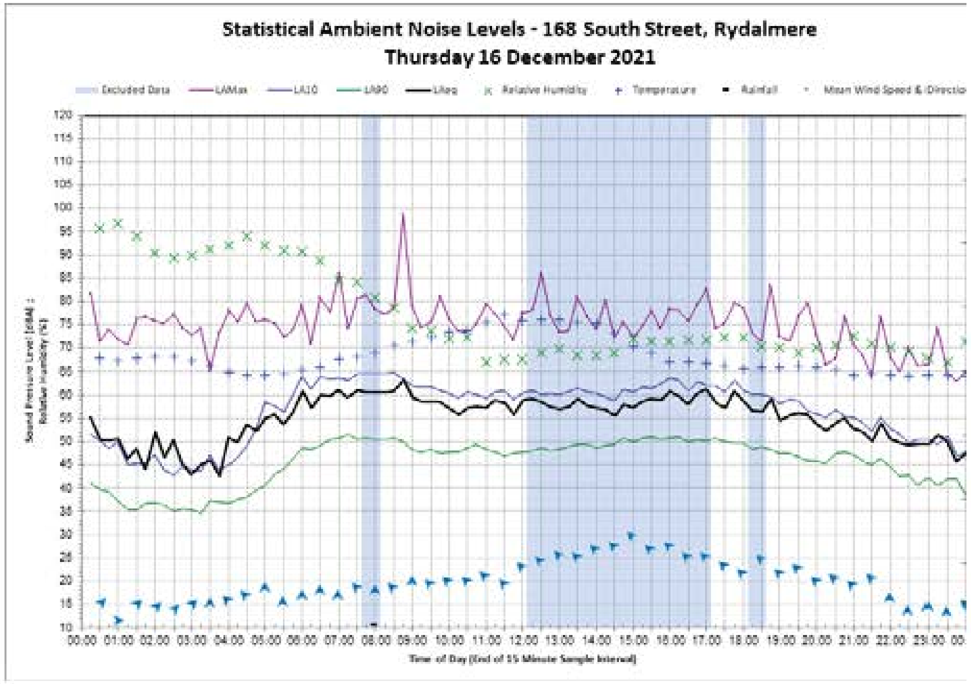


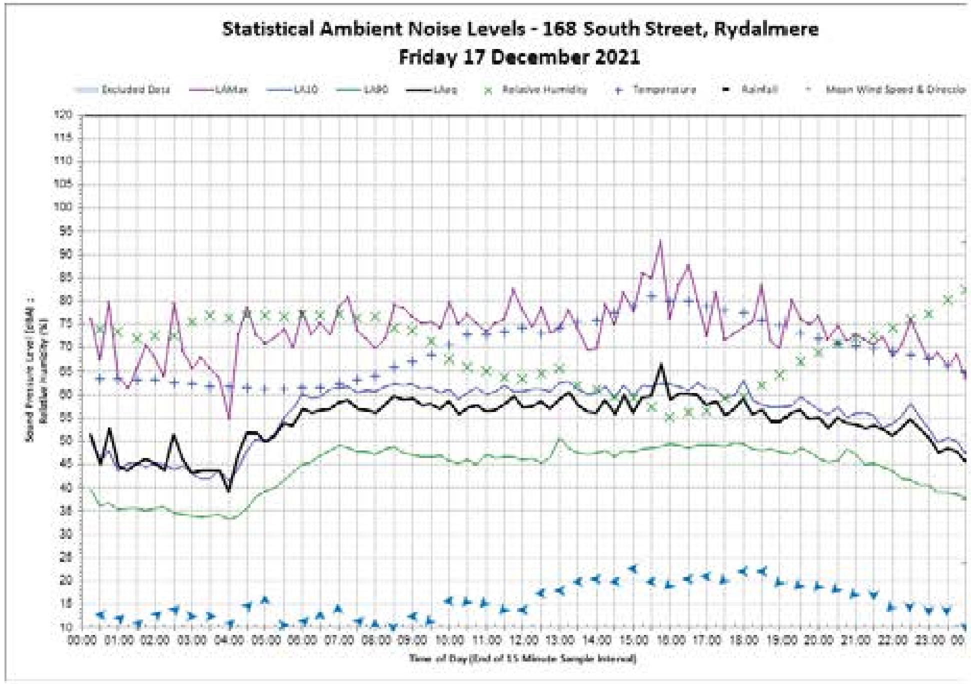
Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

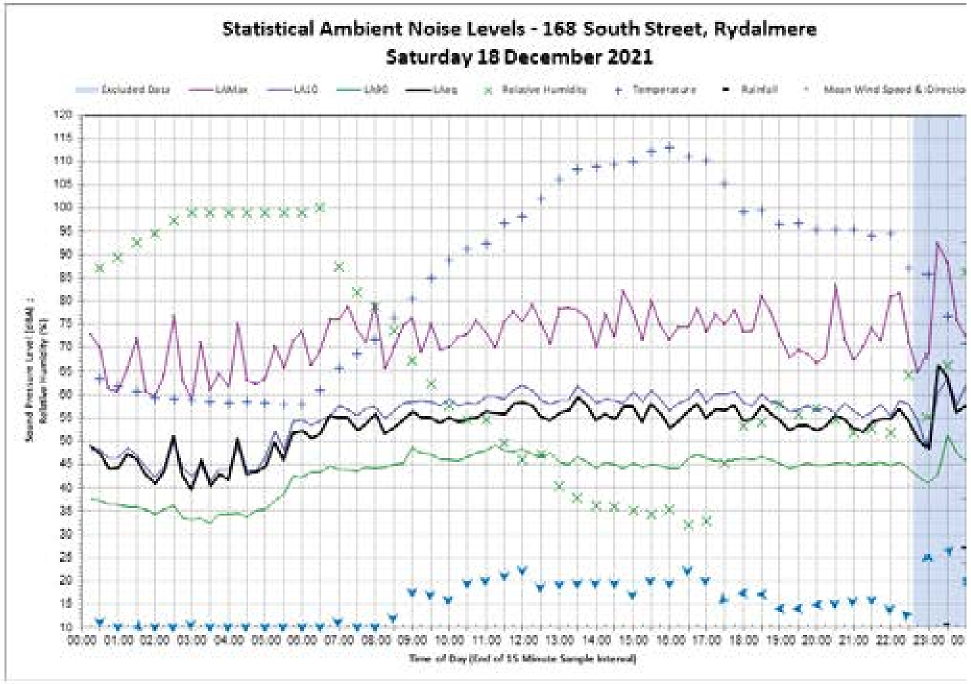

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Monday 13 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

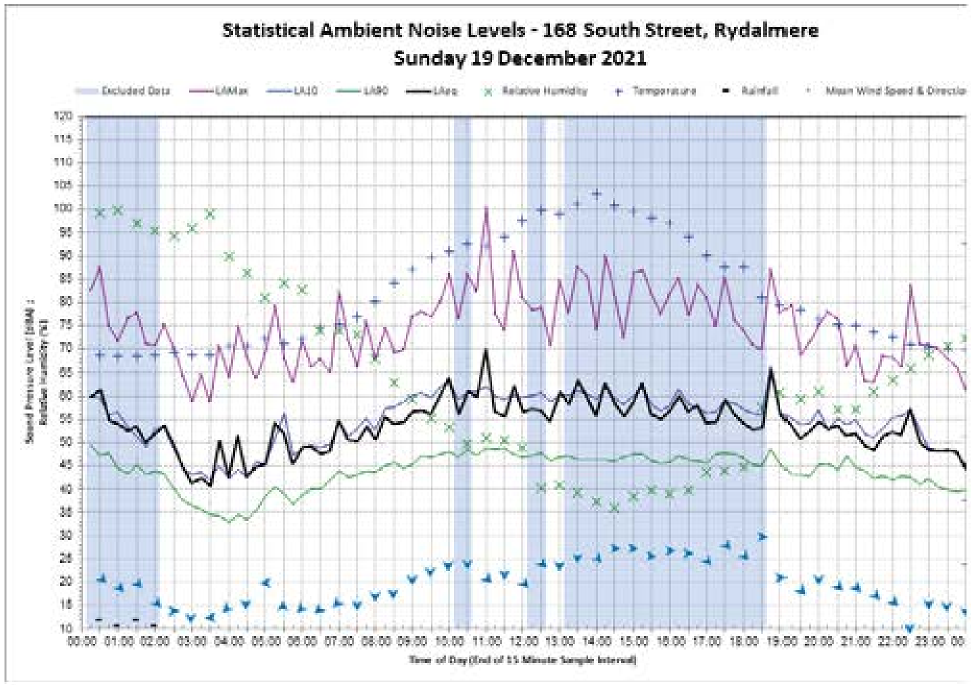

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Tuesday 14 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

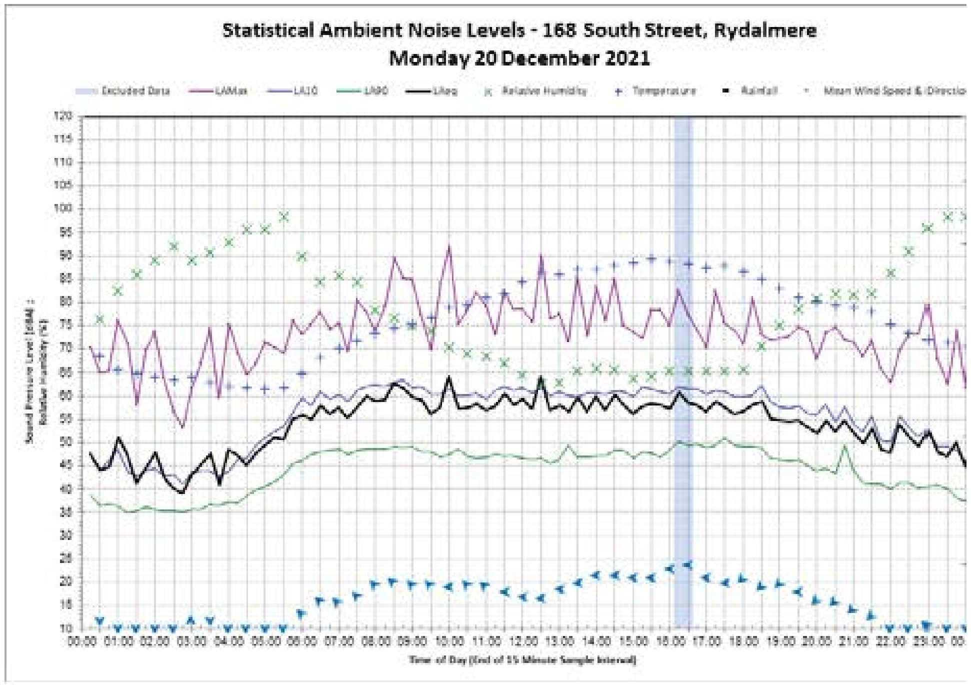

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Wednesday 15 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

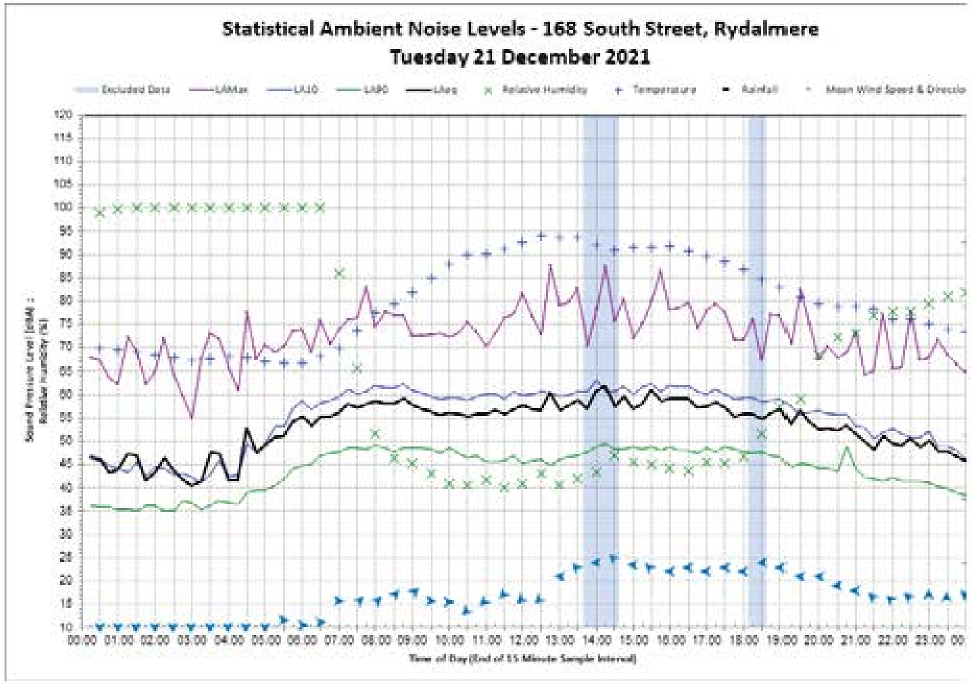

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Thursday 16 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

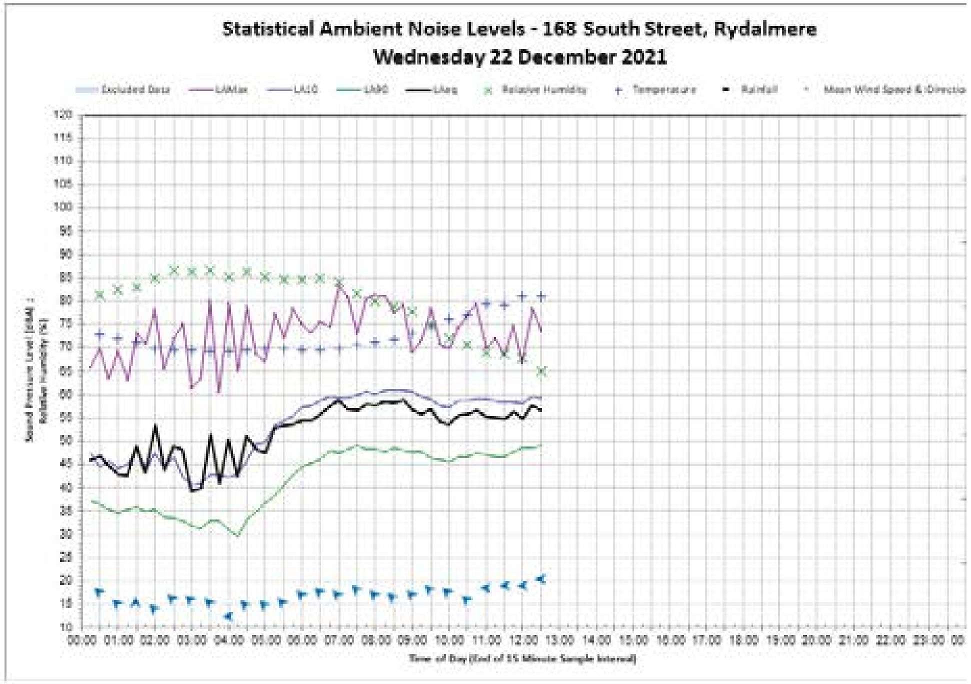

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Friday 17 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

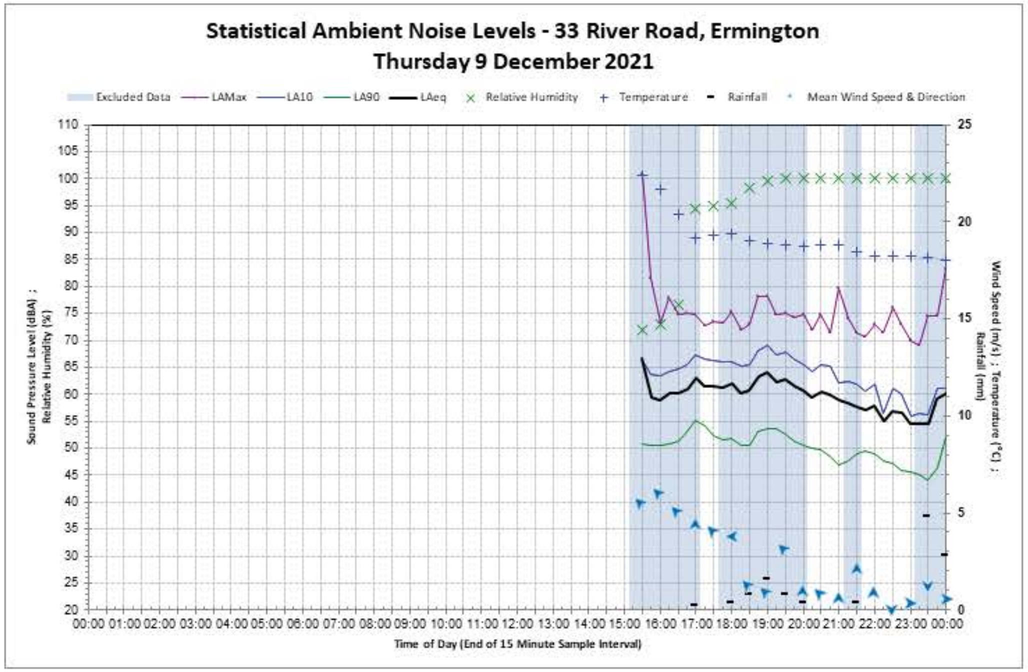

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Saturday 18 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

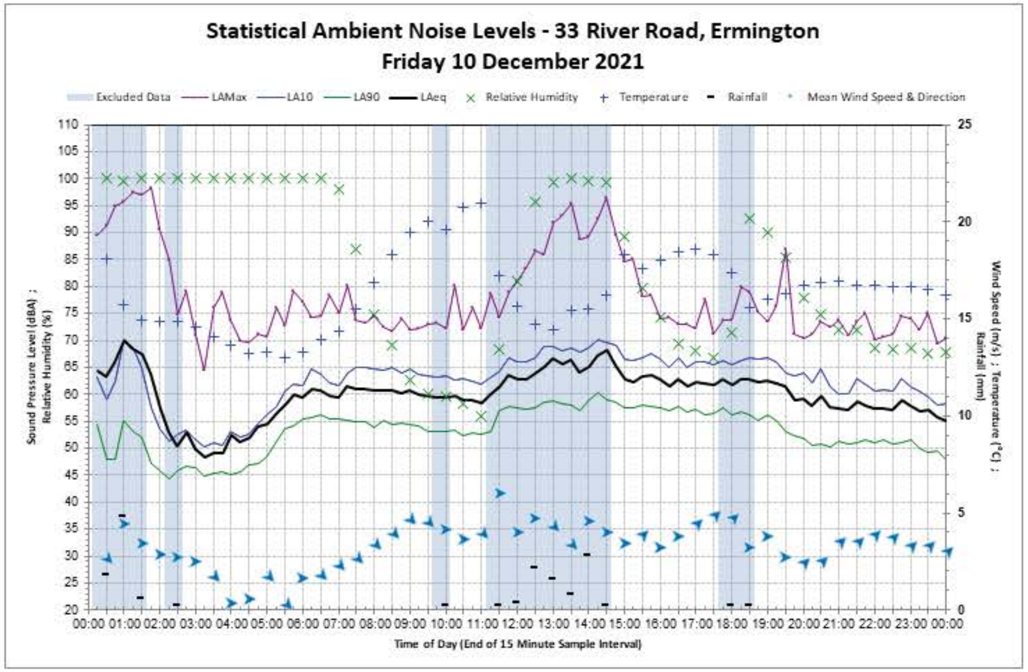

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Sunday 19 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

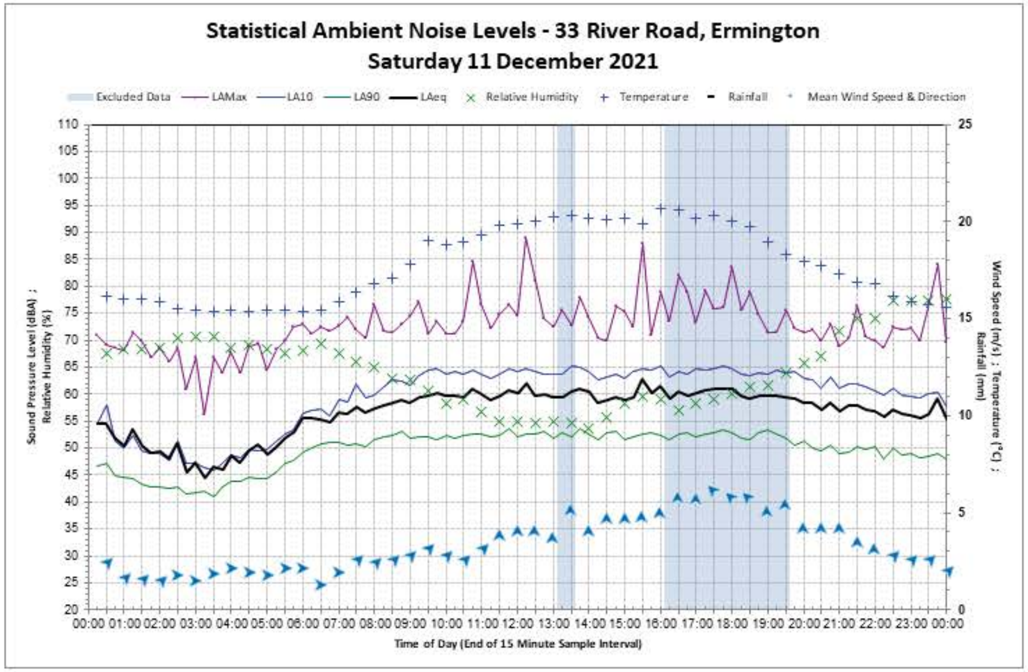

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Monday 20 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

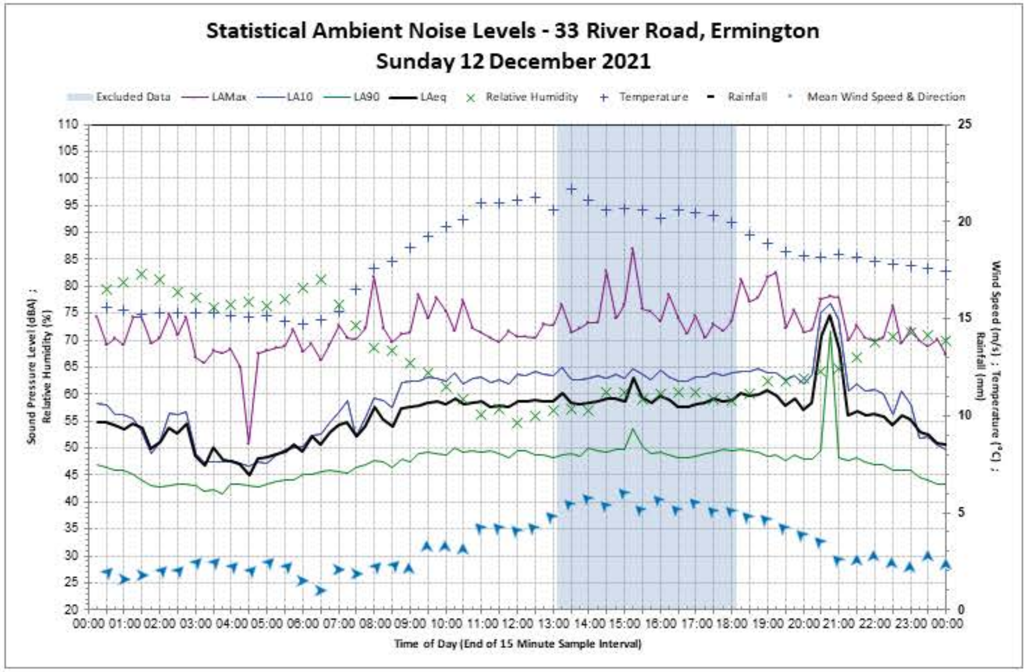

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Tuesday 21 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

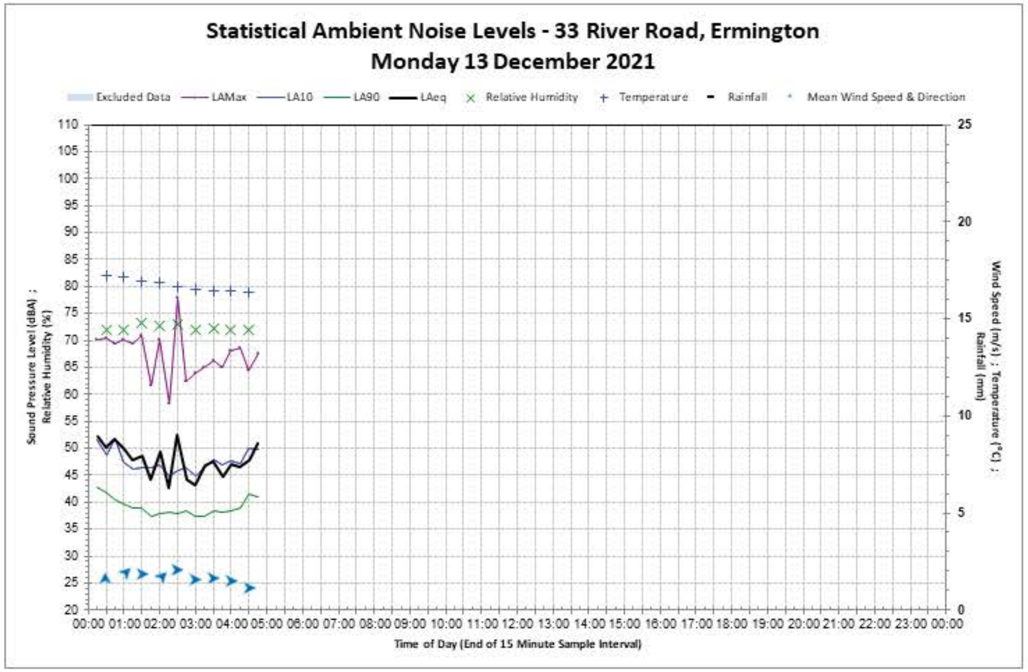

Statistical Ambient Noise Levels - 168 South Street, Rydalmere
Wednesday 22 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 33 River Road, Ermington
Thursday 9 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

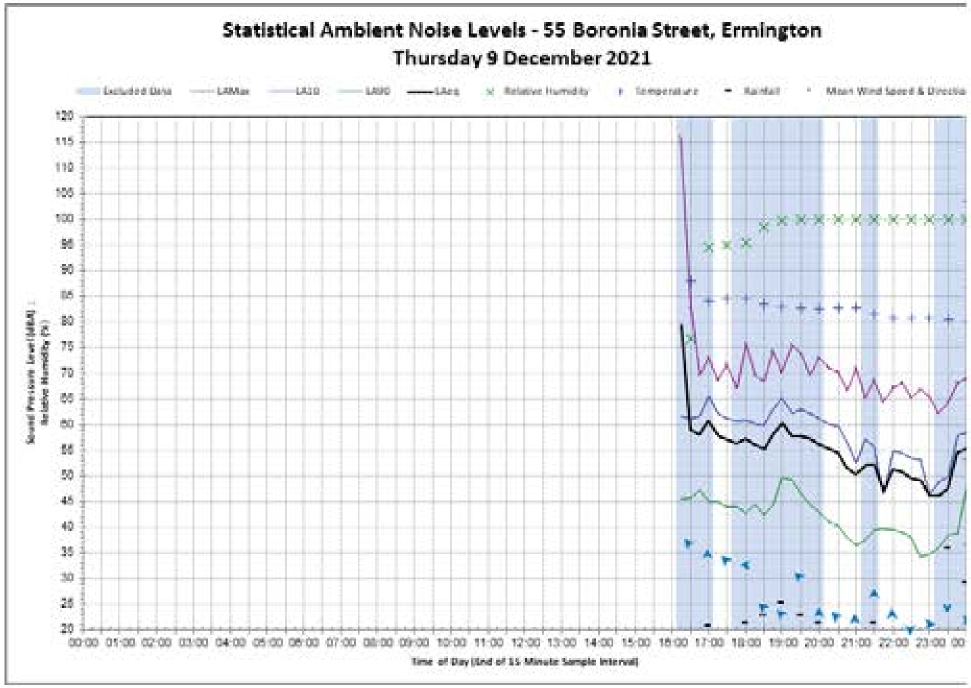

Statistical Ambient Noise Levels - 33 River Road, Ermington
Friday 10 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

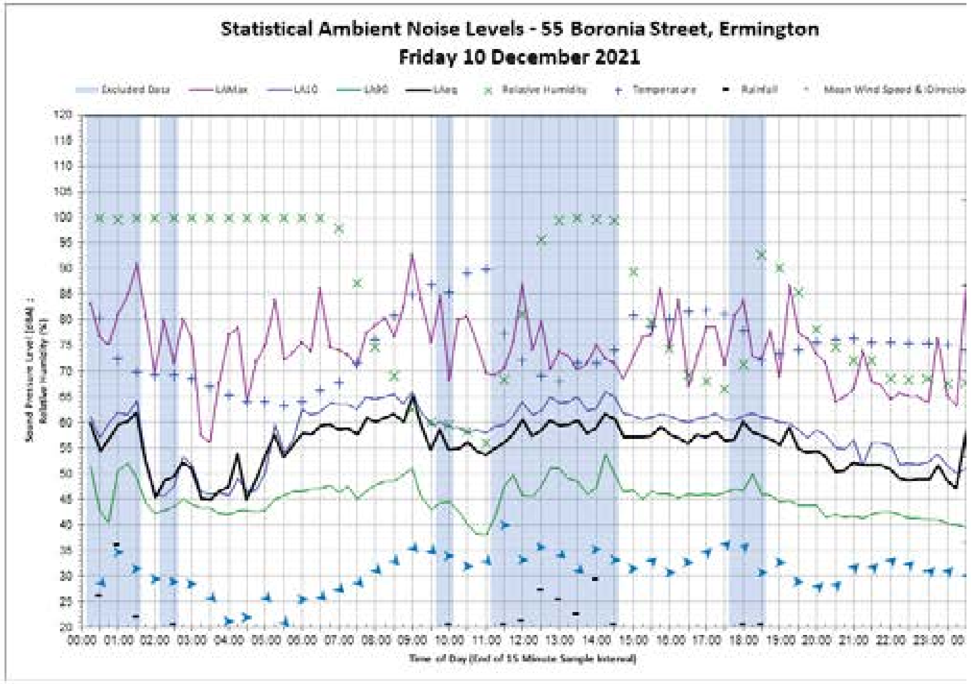

Statistical Ambient Noise Levels - 33 River Road, Ermington
Saturday 11 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

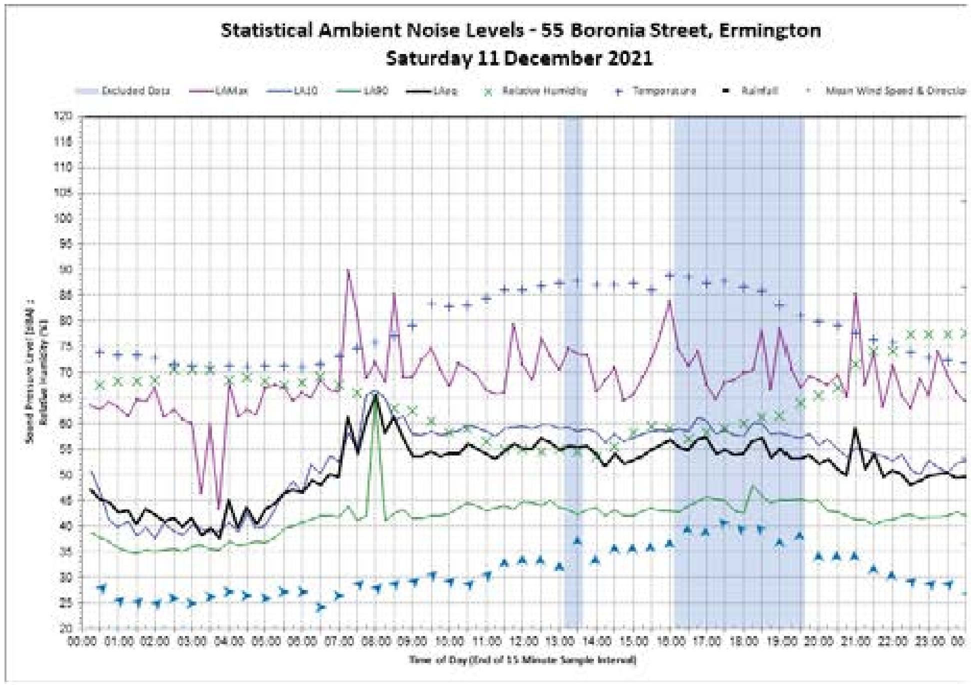

Statistical Ambient Noise Levels - 33 River Road, Ermington
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

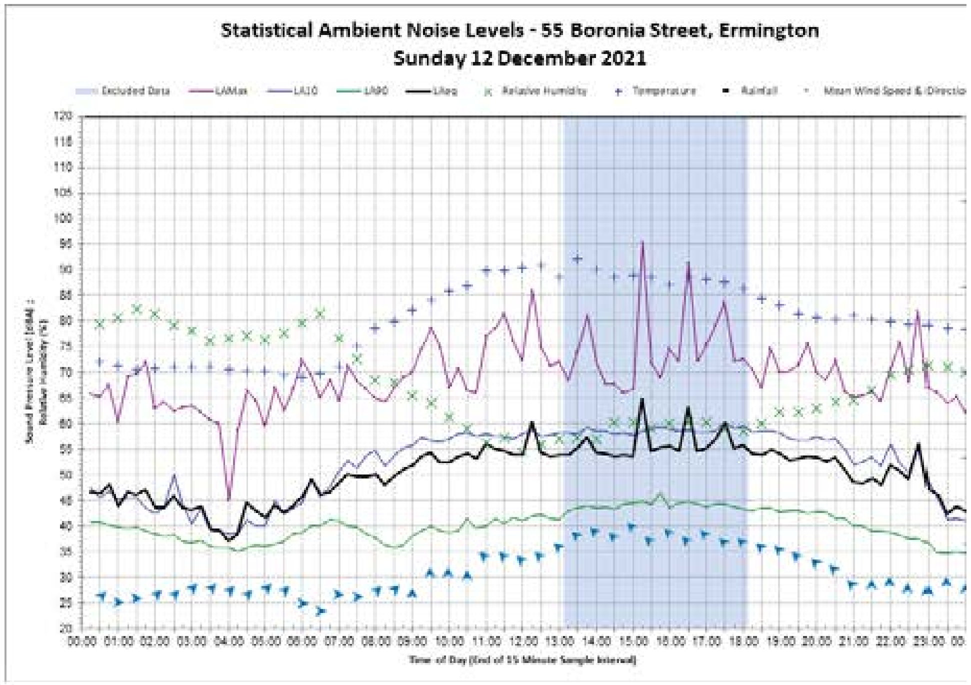


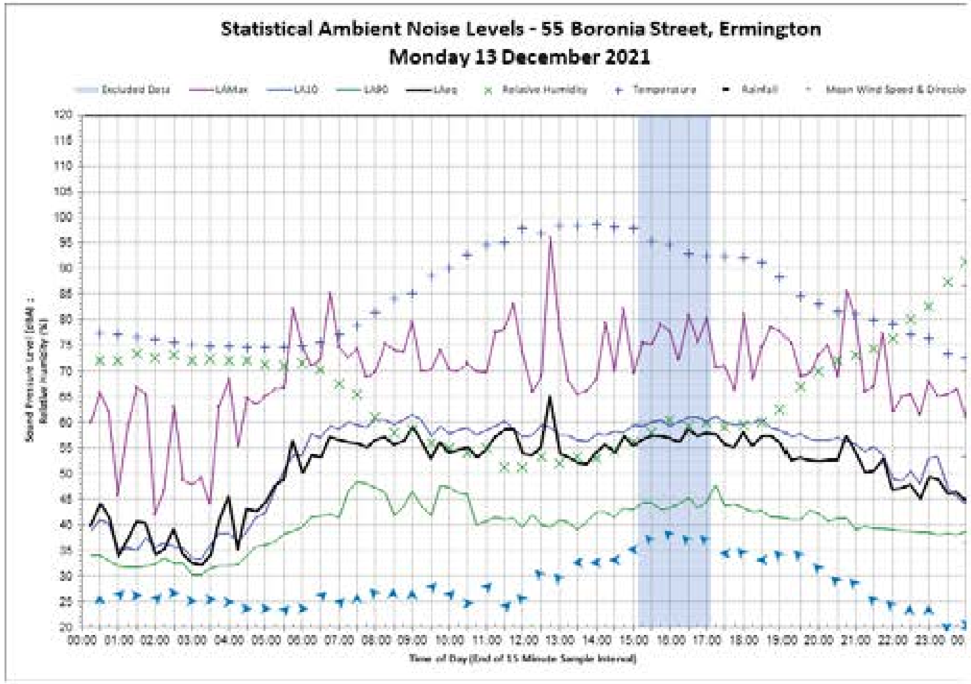
Statistical Ambient Noise Levels - 33 River Road, Ermington
Monday 13 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

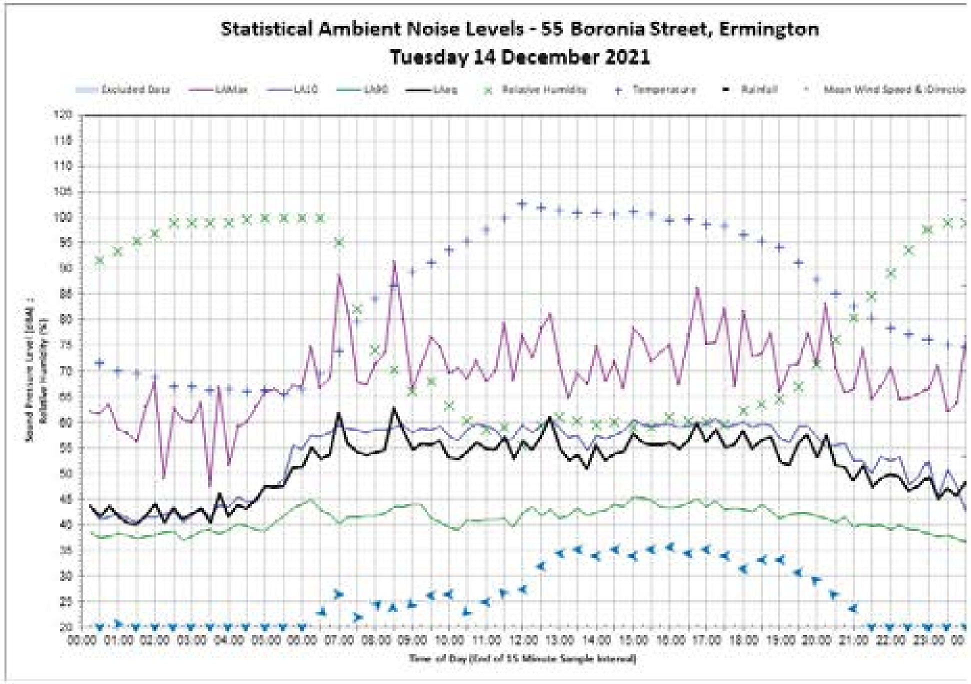

Statistical Ambient Noise Levels - 55 Boronia Street, Ermington
Thursday 9 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

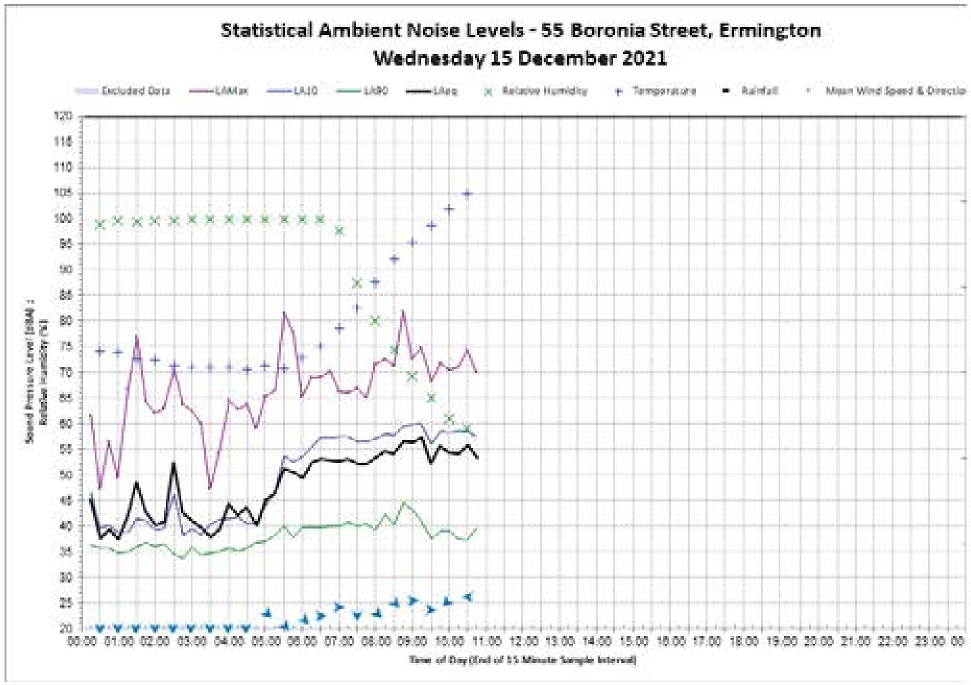

Statistical Ambient Noise Levels - 55 Boronia Street, Ermington
Friday 10 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

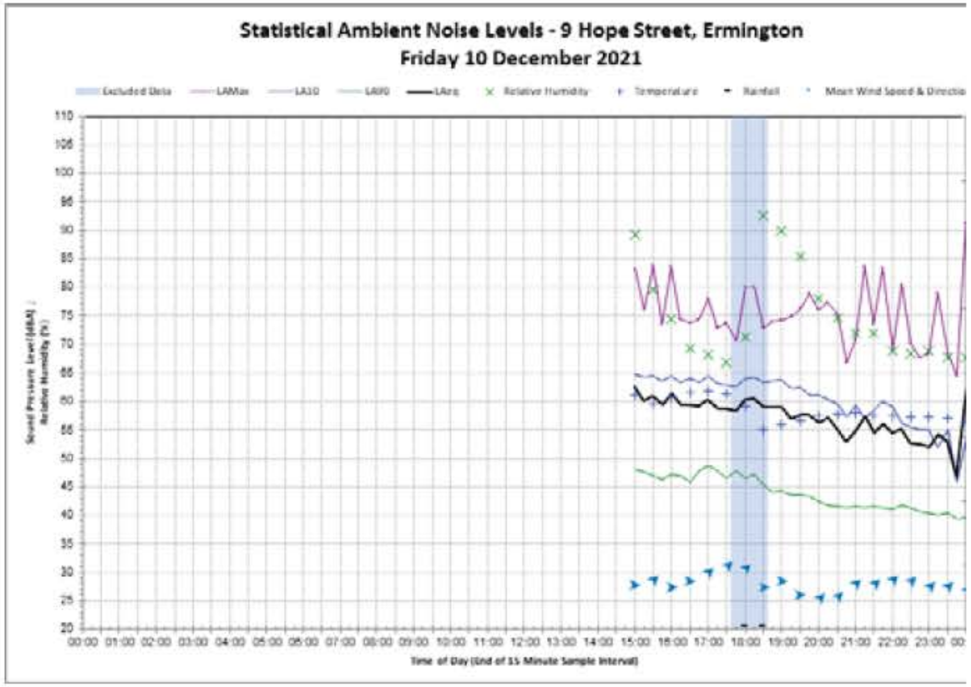

Statistical Ambient Noise Levels - 55 Boronia Street, Ermington
Saturday 11 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 55 Boronia Street, Ermington
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

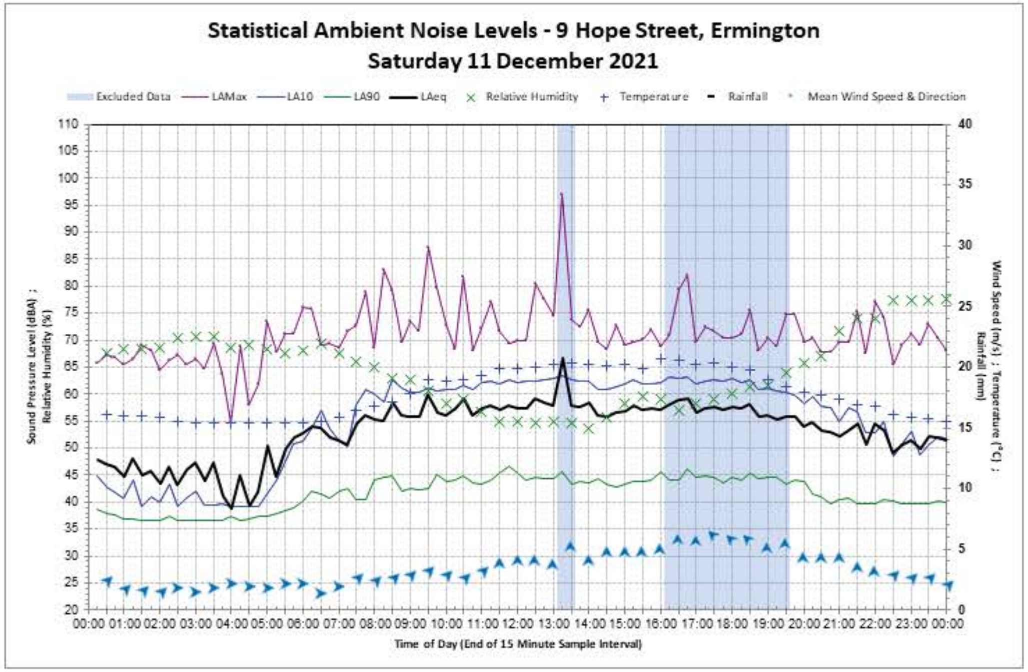

Statistical Ambient Noise Levels - 55 Boronia Street, Ermington
Monday 13 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 55 Boronia Street, Ermington
Tuesday 14 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)

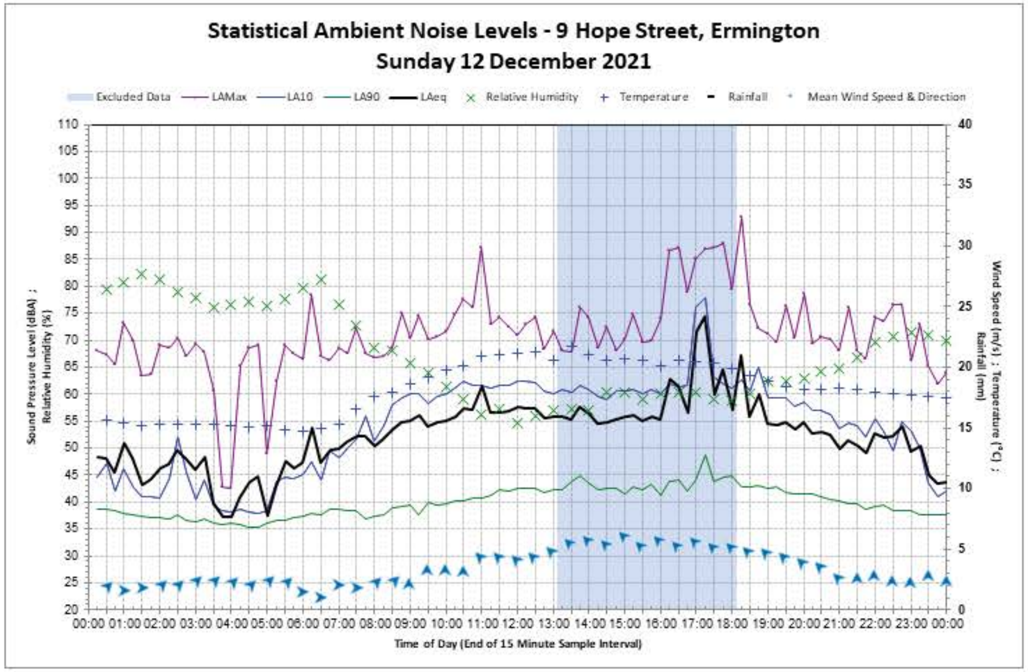

Statistical Ambient Noise Levels - 55 Boronia Street, Ermington
Wednesday 15 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Directio
Sound Pressure Level (dBA) : Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)



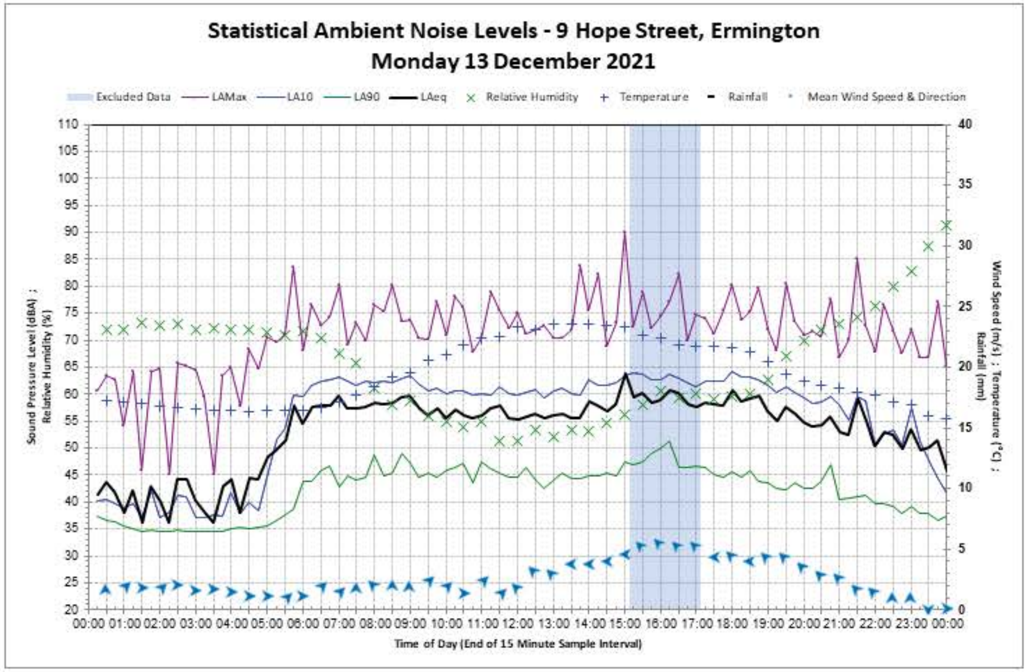
Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Friday 10 December 2021
Sound Pressure Level (dBA) ; Relative Humidity (%)
Time of Day (End of 15 Minute Sample Interval)



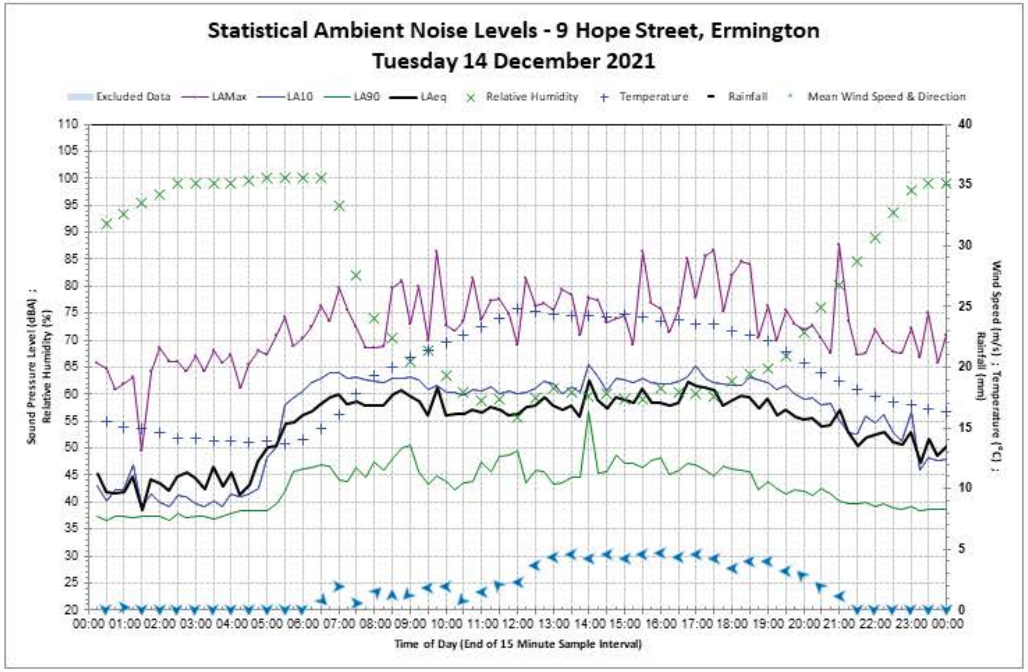
Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Saturday 11 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

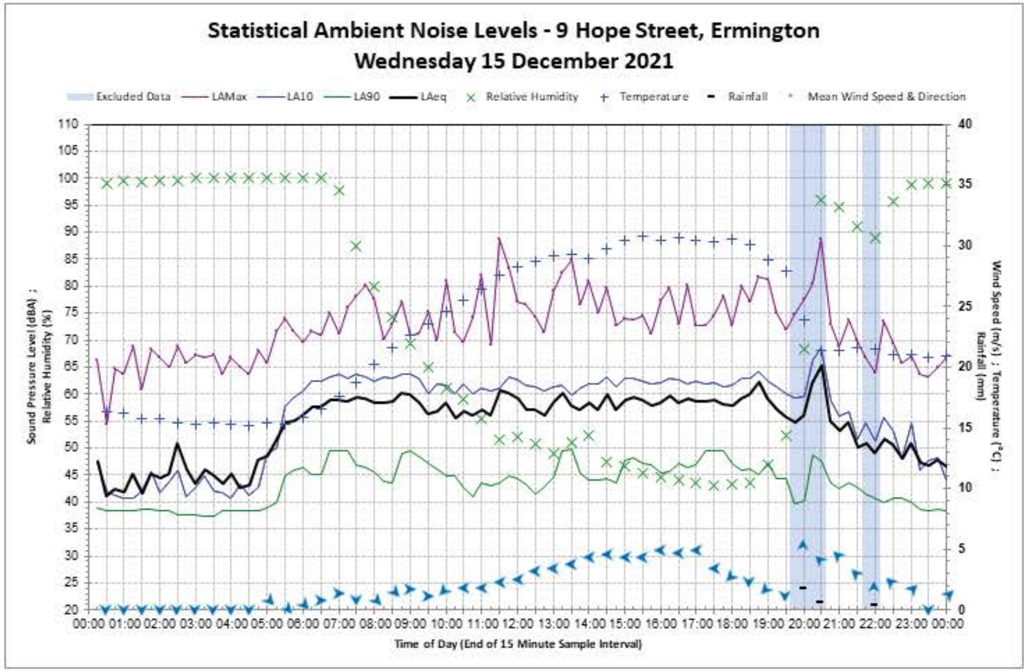


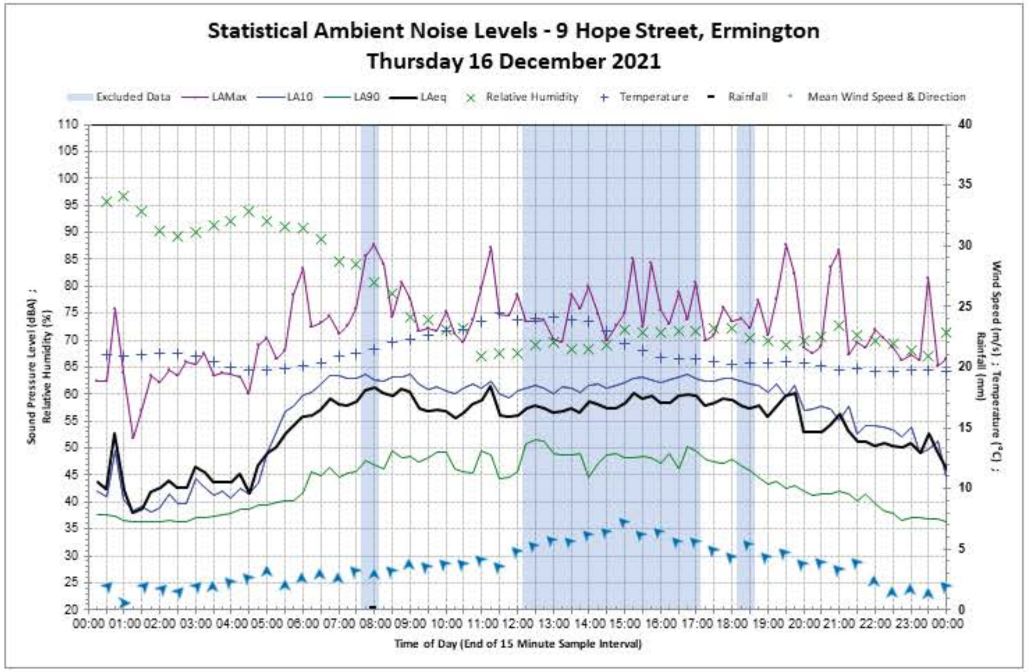
Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

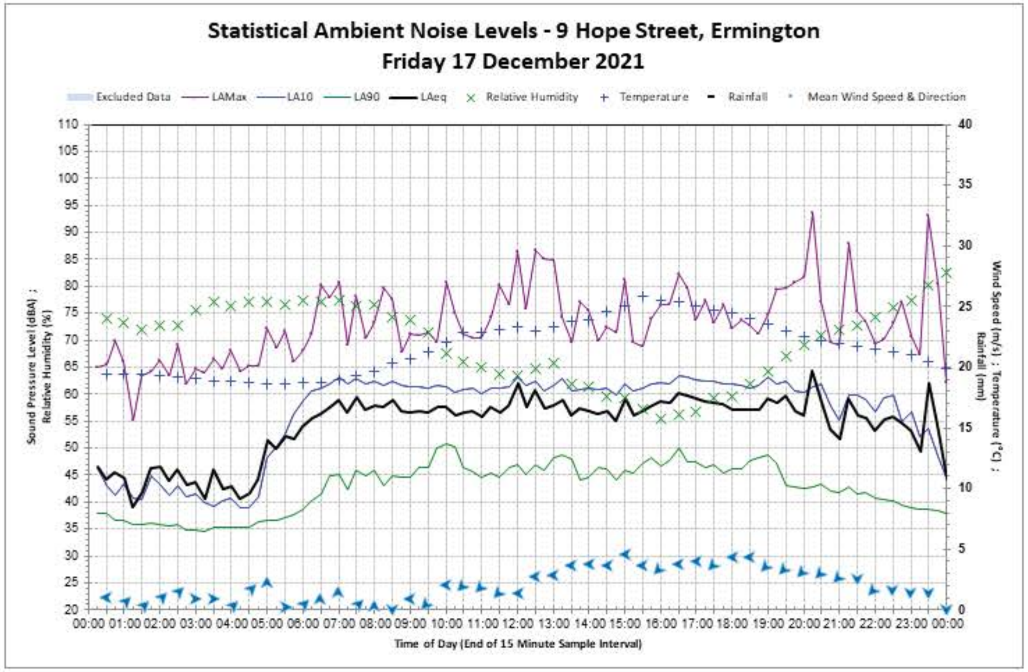


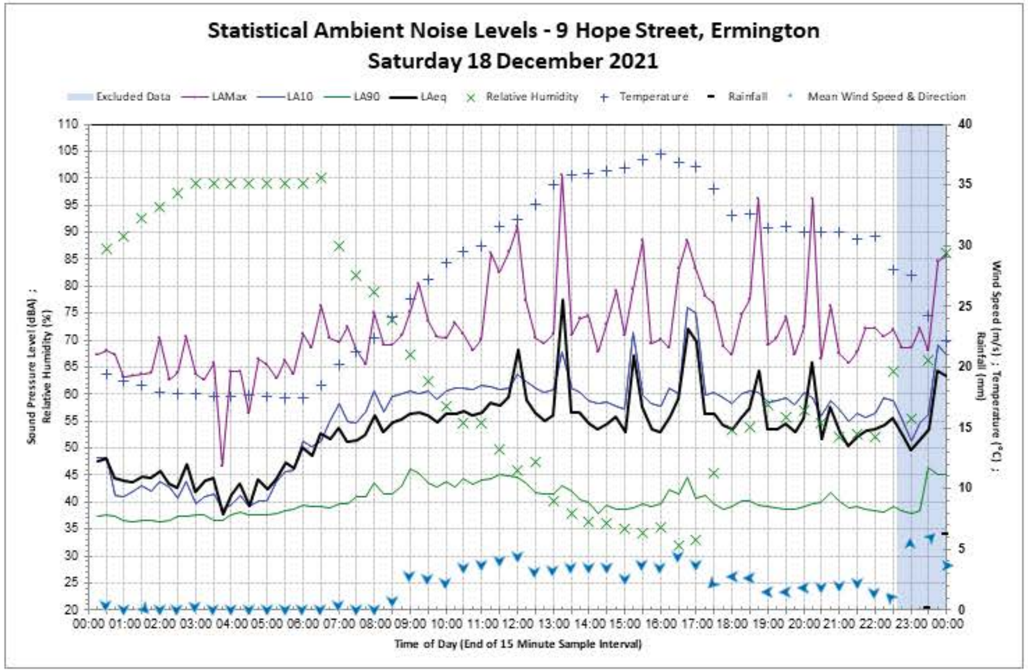
Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Monday 13 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Tuesday 14 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

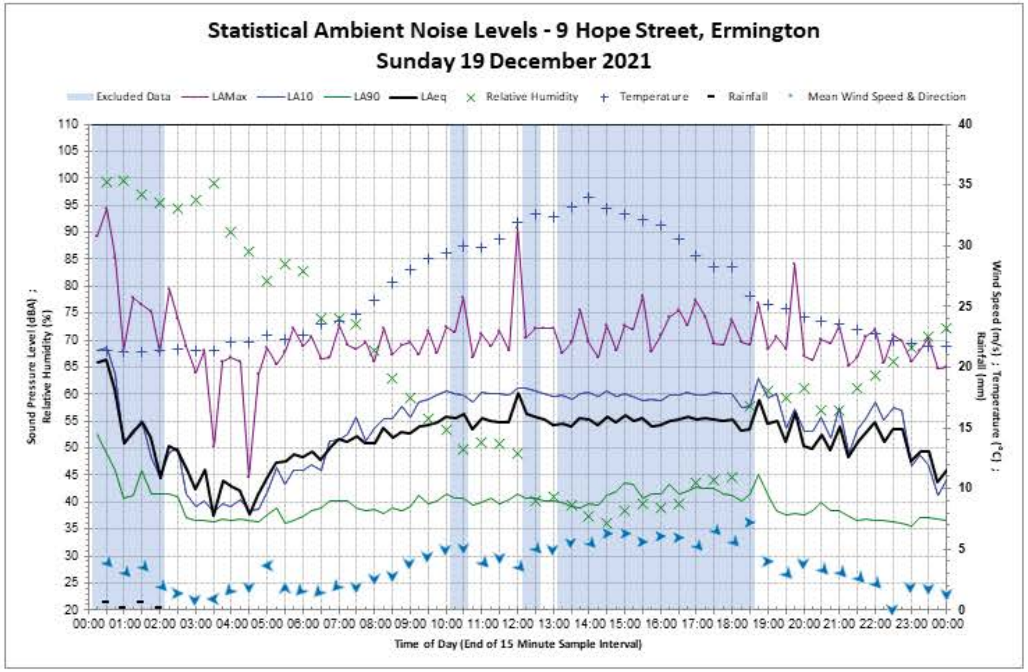

Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Wednesday 15 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Thursday 16 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

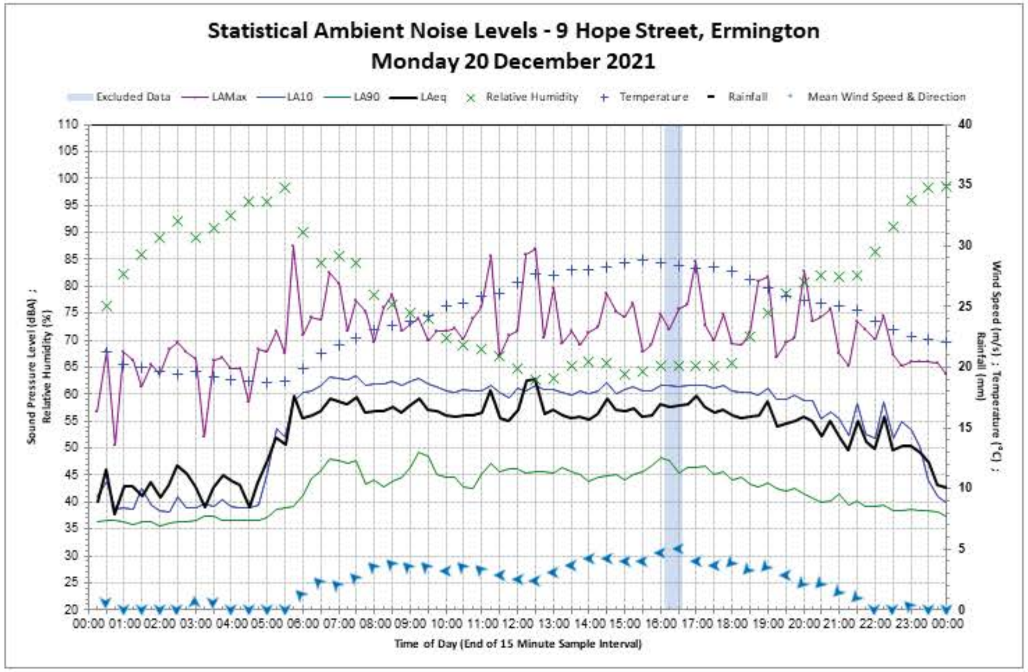

Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Friday 17 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



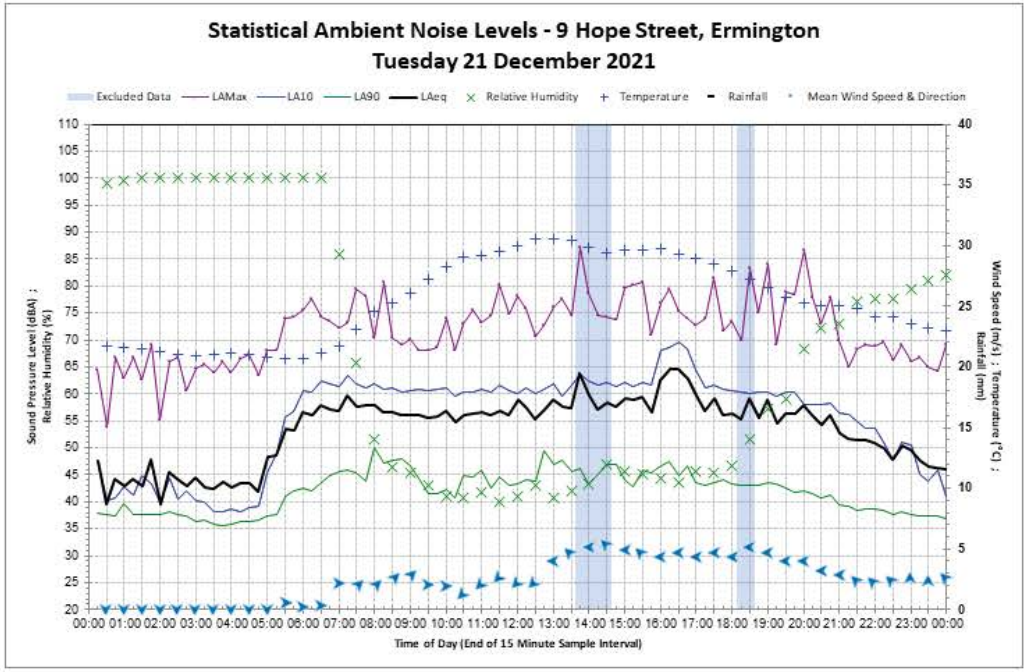
Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Saturday 18 December 2021
Excluded Data, LAMax, LA10, LA90, LAeq, Relative Humidity, Temperature, Rainfall, Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Sunday 19 December 2021
Excluded Data, LAMax, LA10, LA90, LAeq, Relative Humidity, Temperature, Rainfall, Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

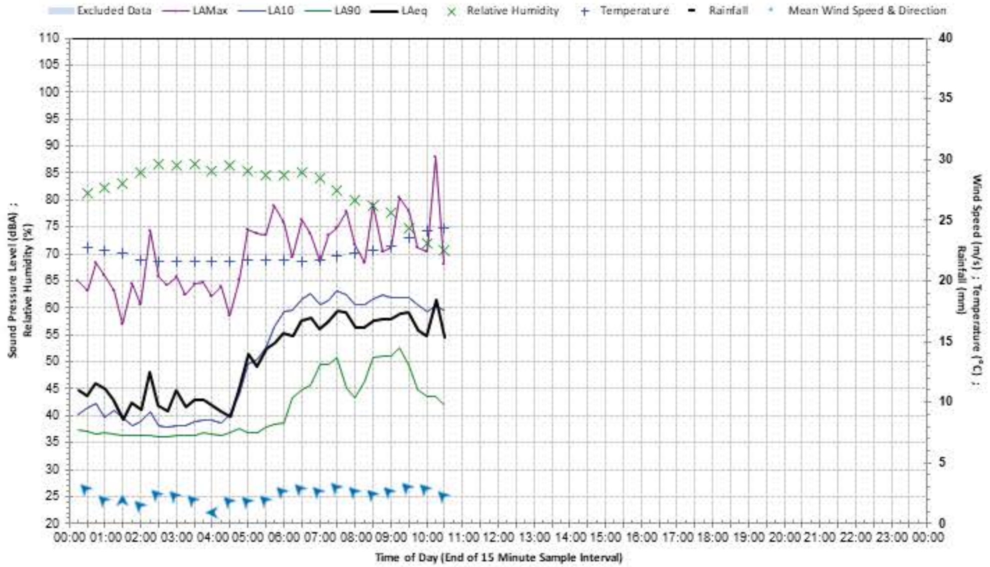


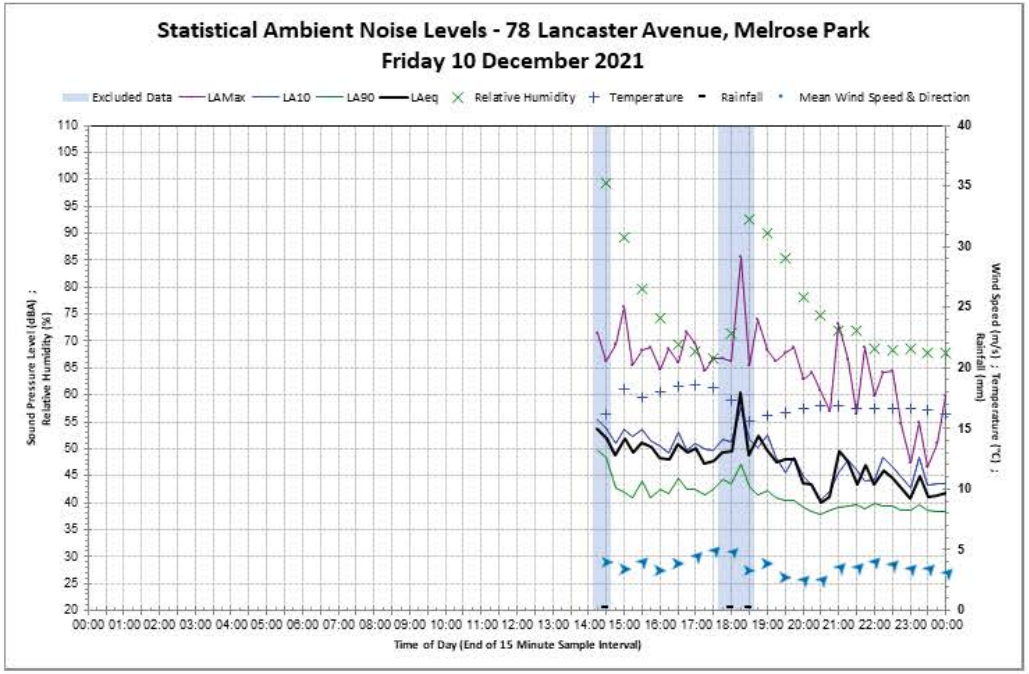
Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Monday 20 December 2021
Excluded Data, LAMax, LA10, LA90, LAeq, Relative Humidity, Temperature, Rainfall, Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

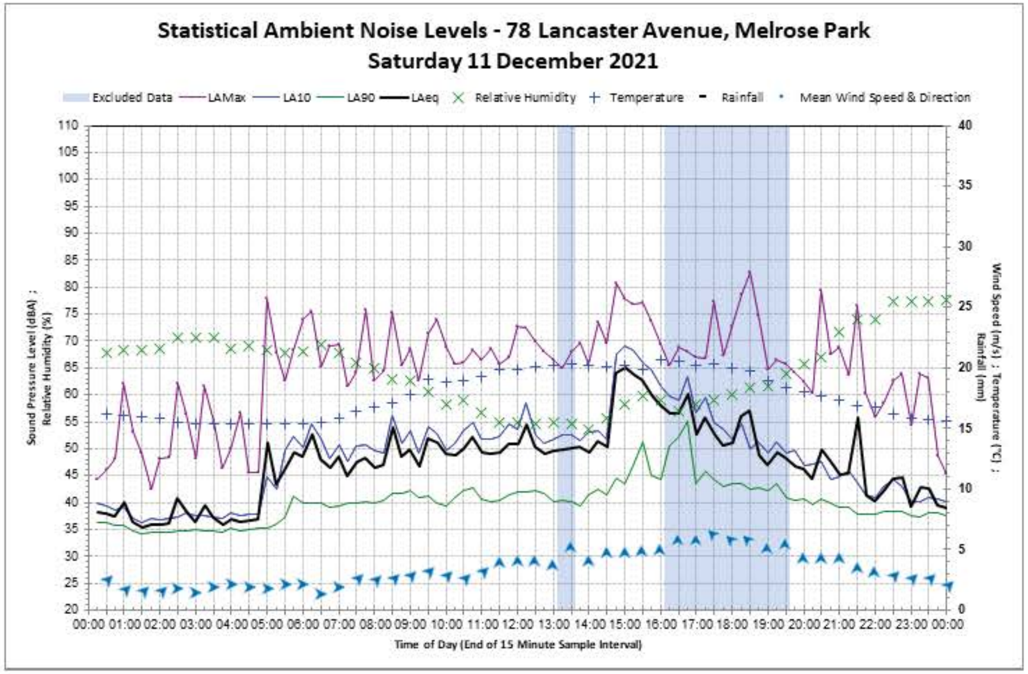


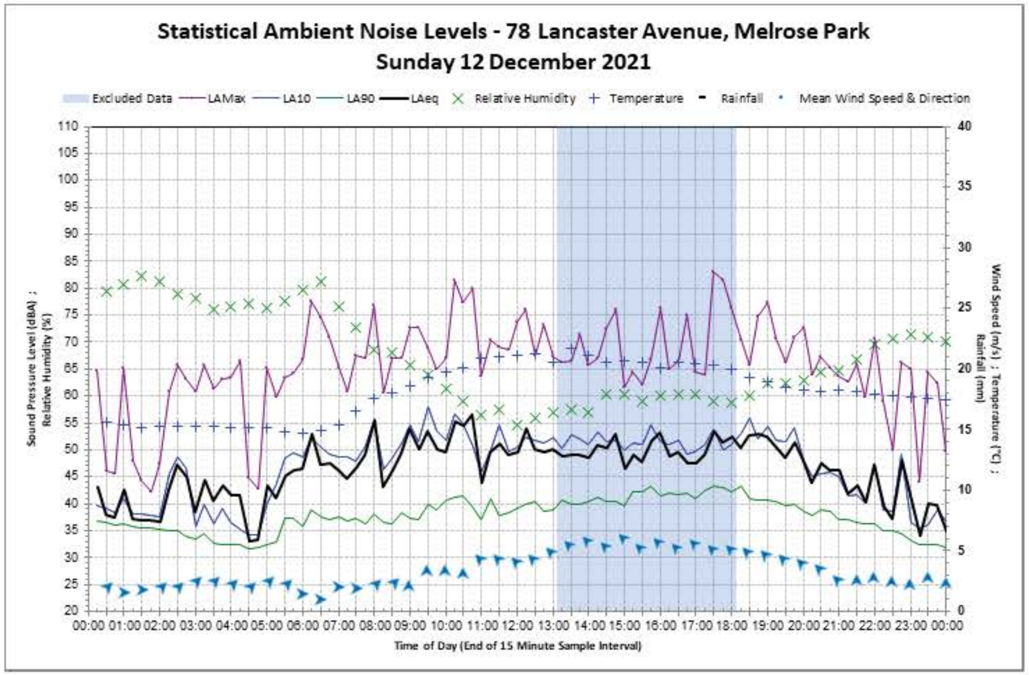
Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Tuesday 21 December 2021
Excluded Data, LAMax, LA10, LA90, LAeq, Relative Humidity, Temperature, Rainfall, Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

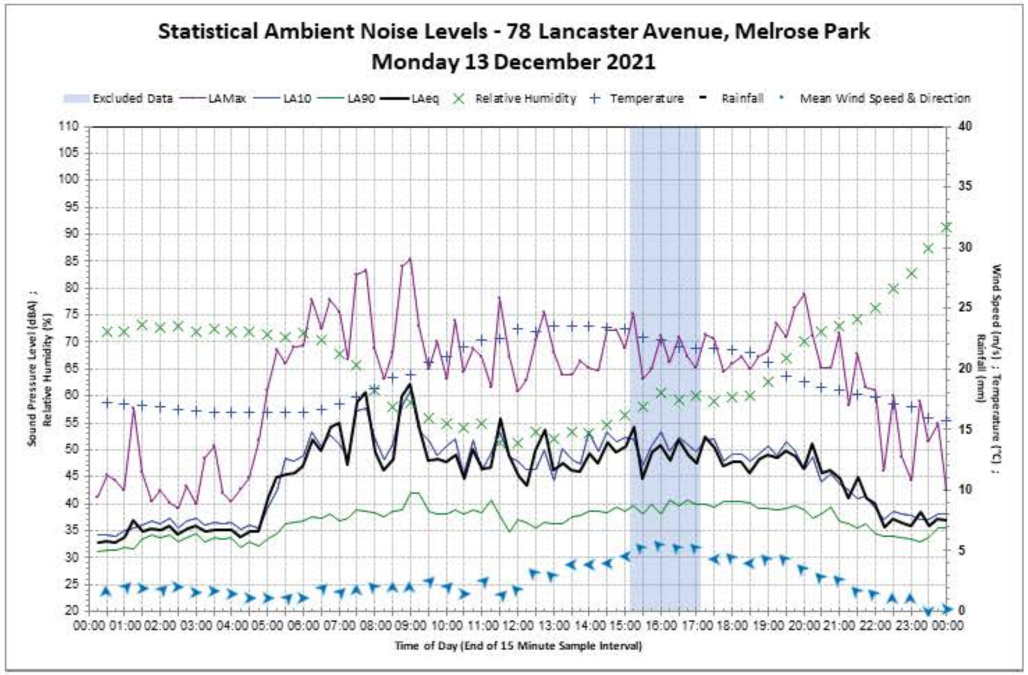
Statistical Ambient Noise Levels - 9 Hope Street, Ermington
Wednesday 22 December 2021

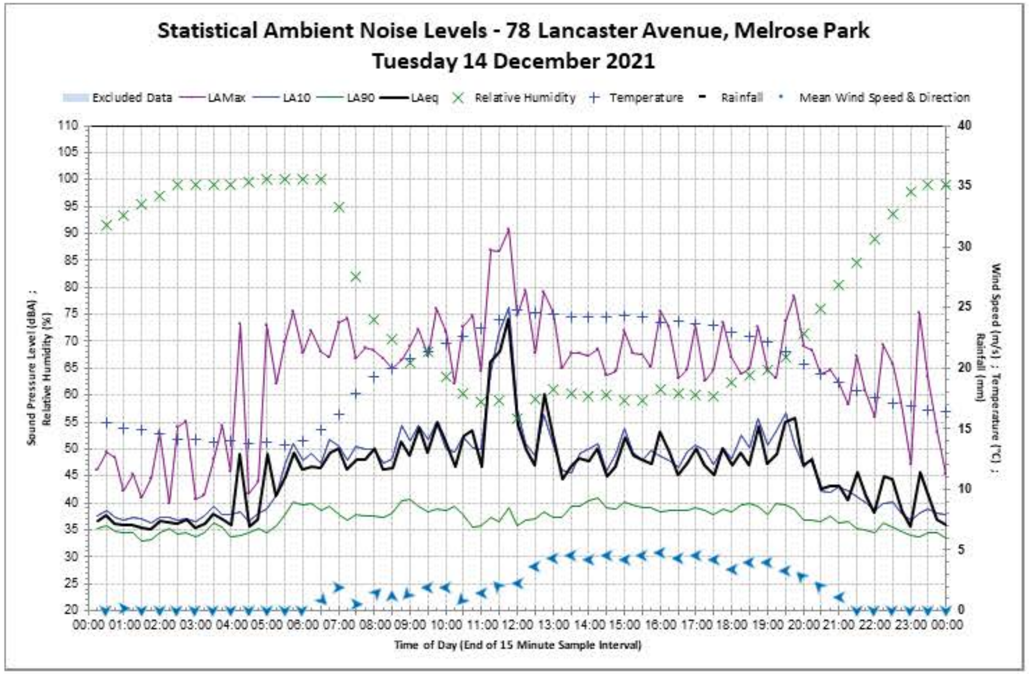



Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Friday 10 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

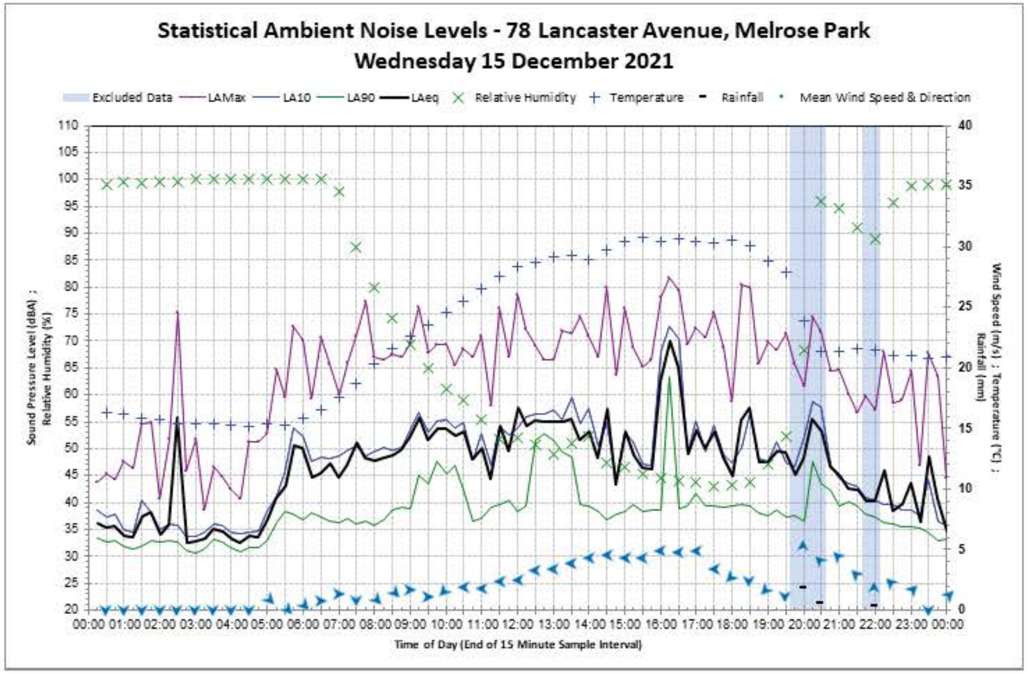

Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Saturday 11 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

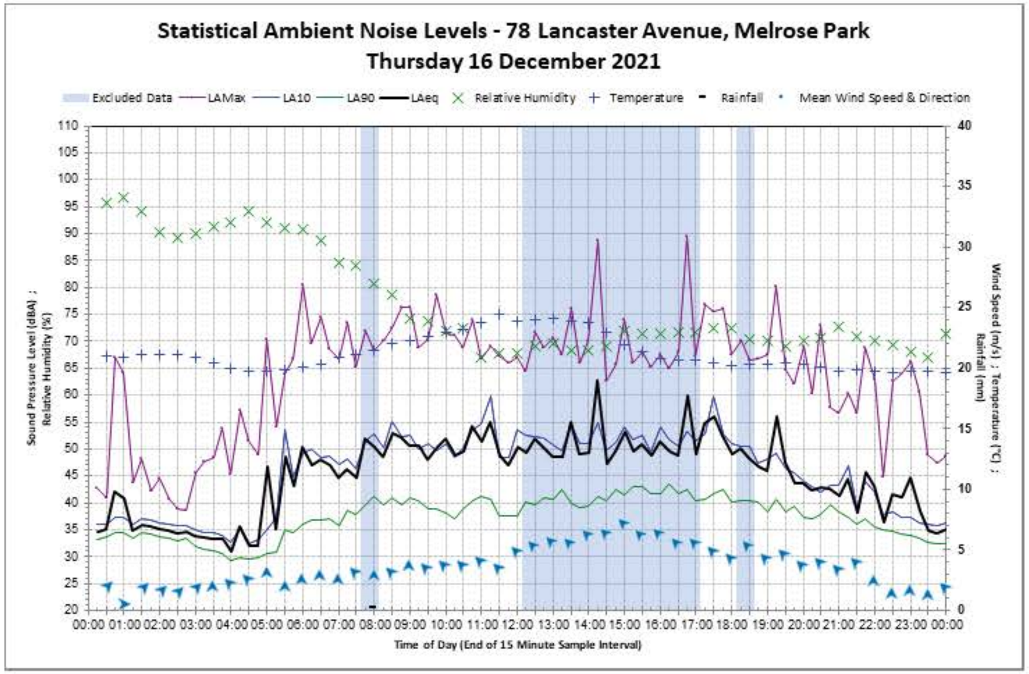

Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Monday 13 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



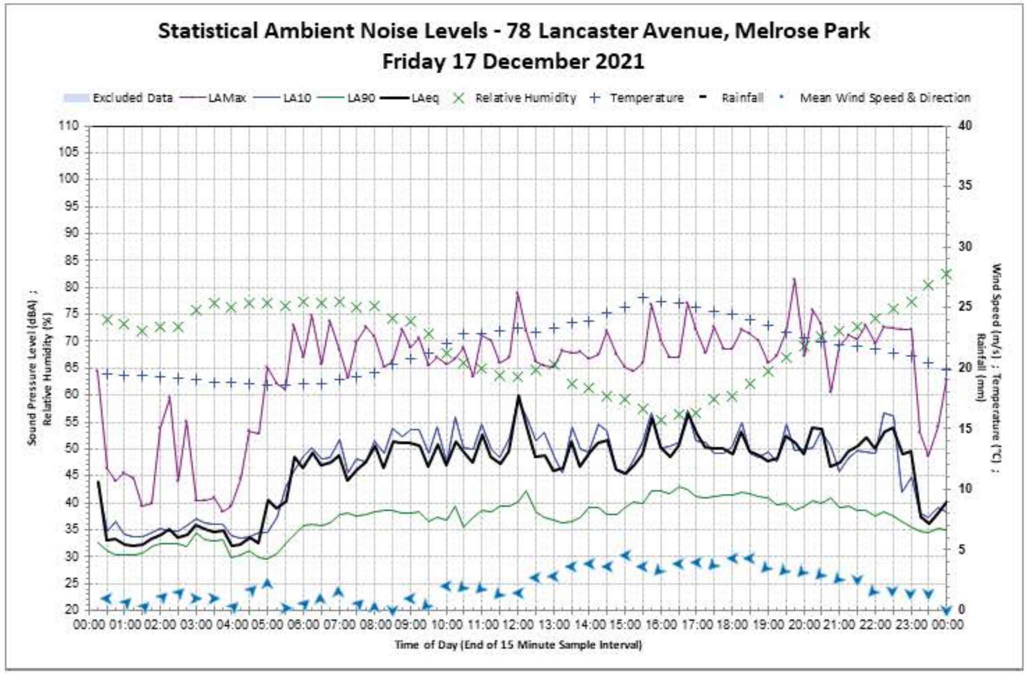
Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Tuesday 14 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



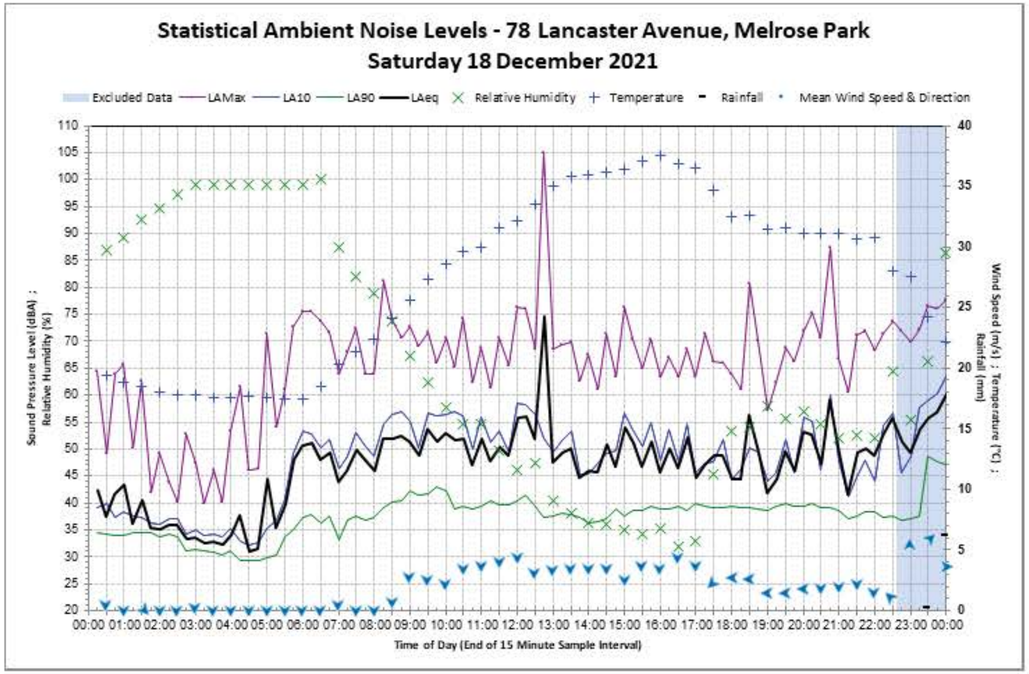
Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Wednesday 15 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

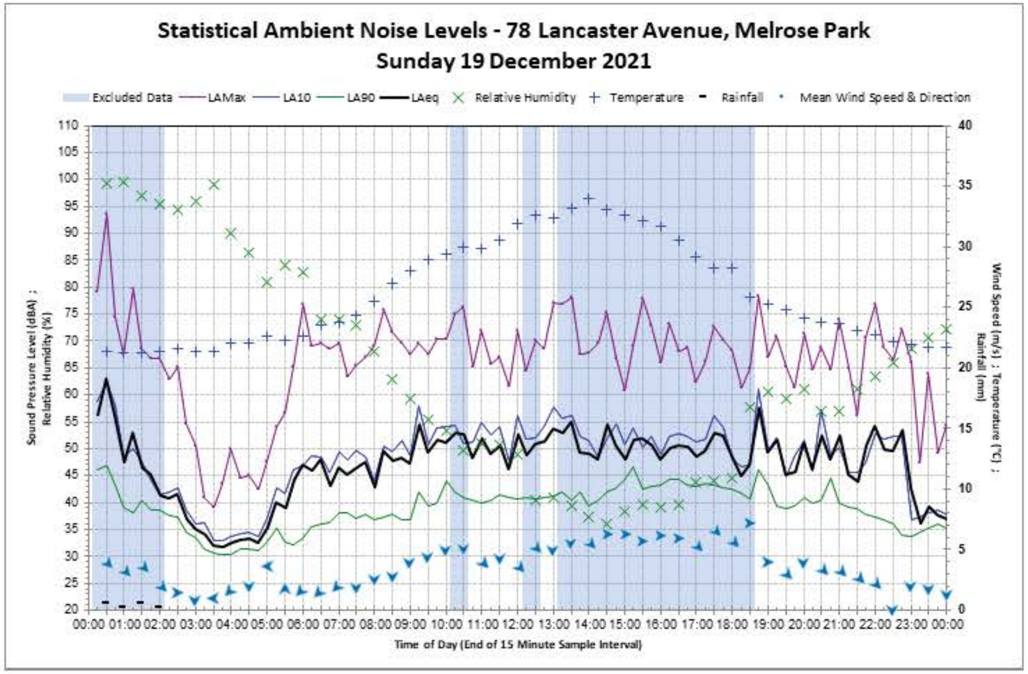


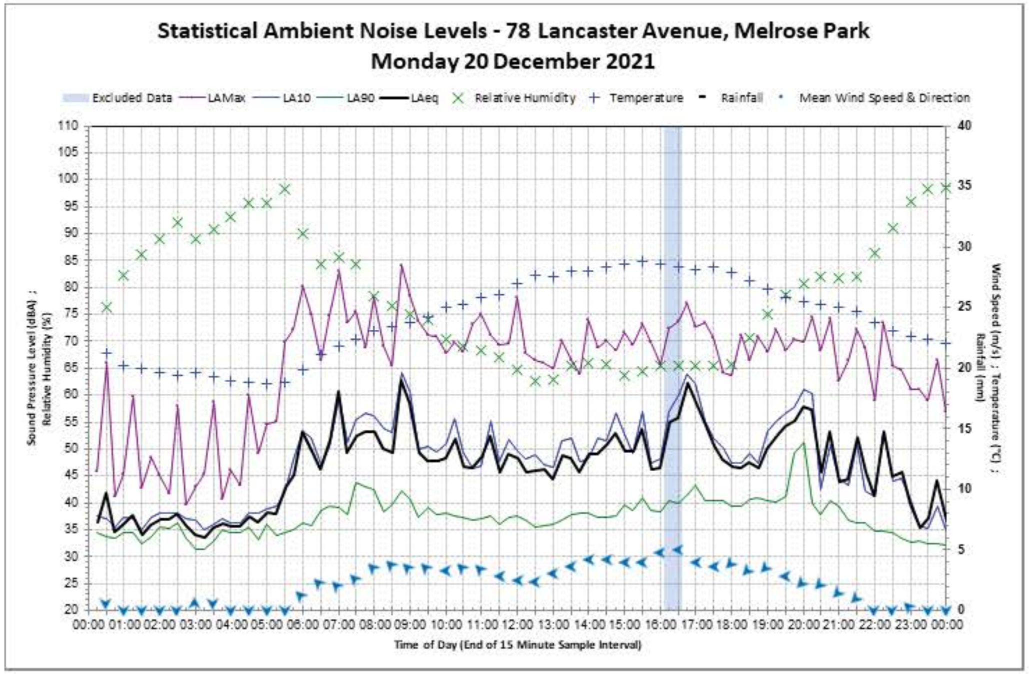
Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Thursday 16 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

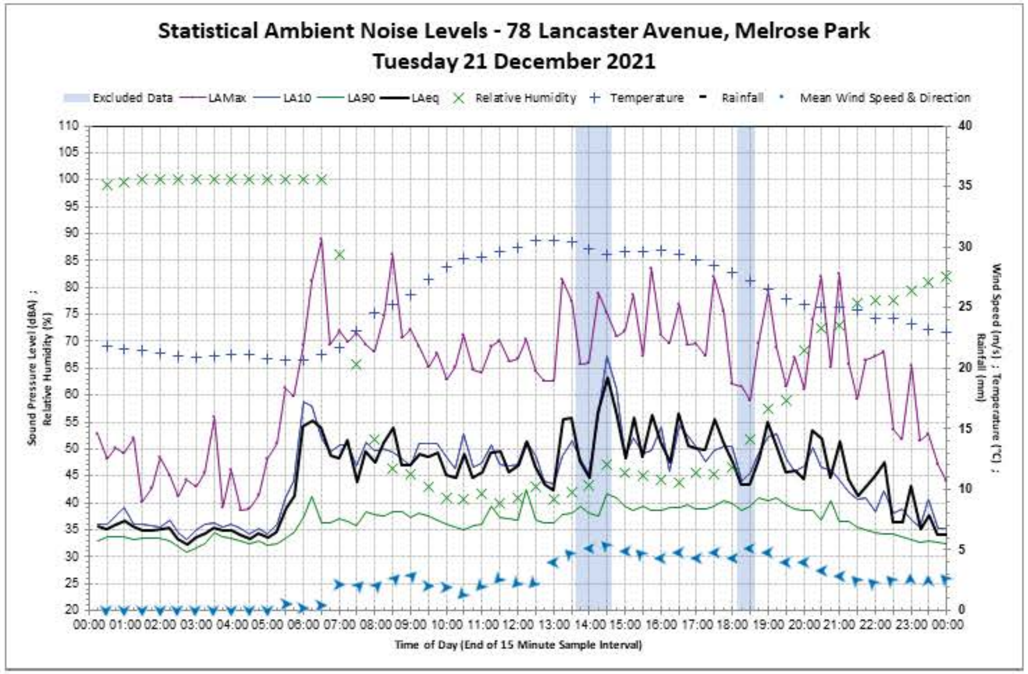


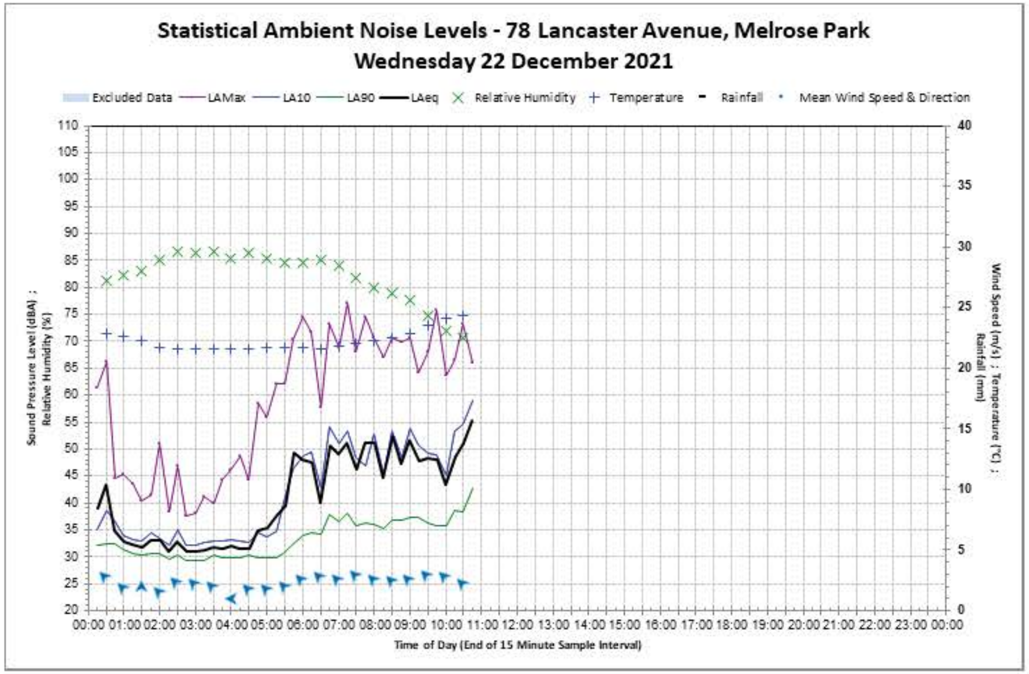
Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Friday 17 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

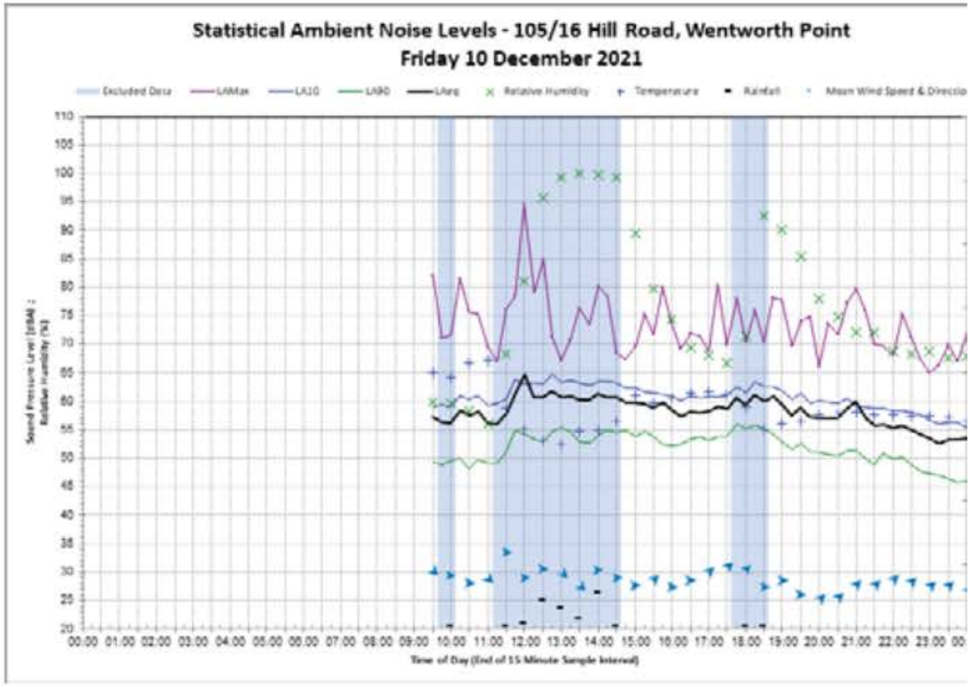

Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Saturday 18 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

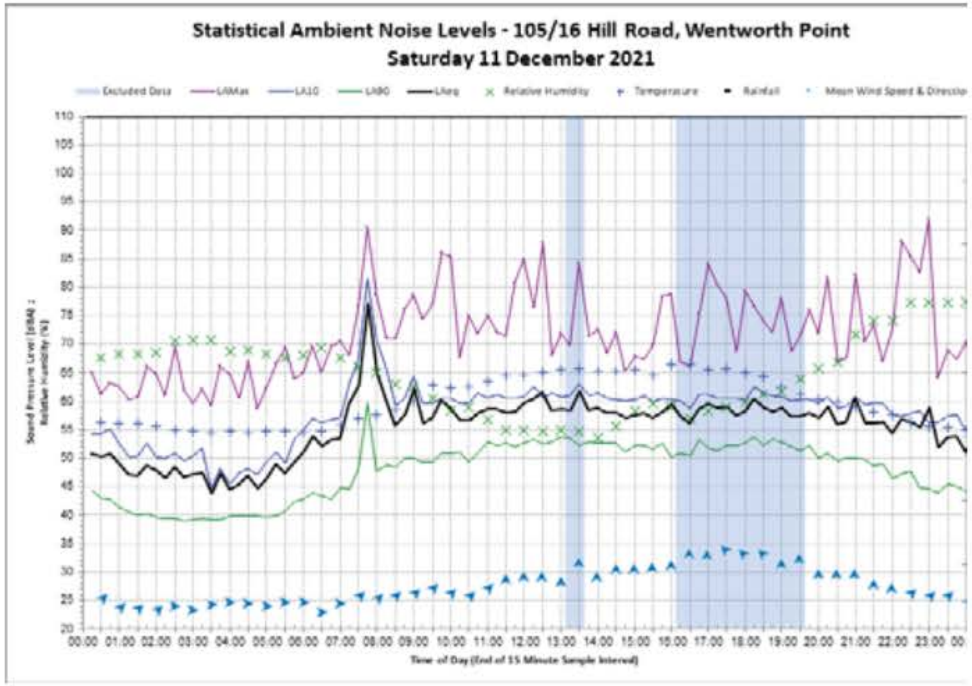

Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Sunday 19 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

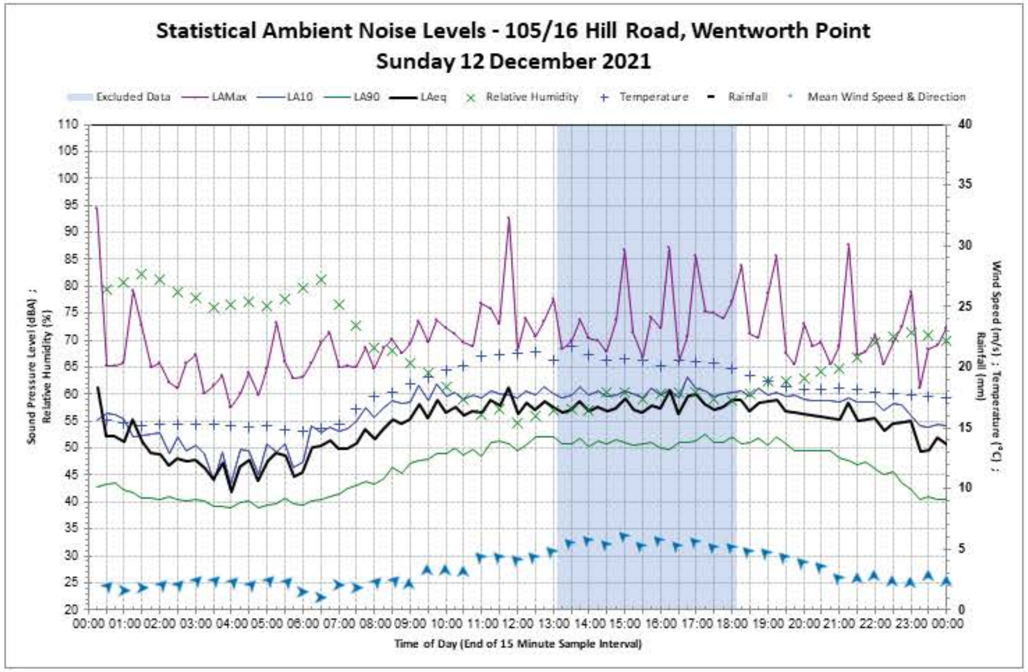

Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Monday 20 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

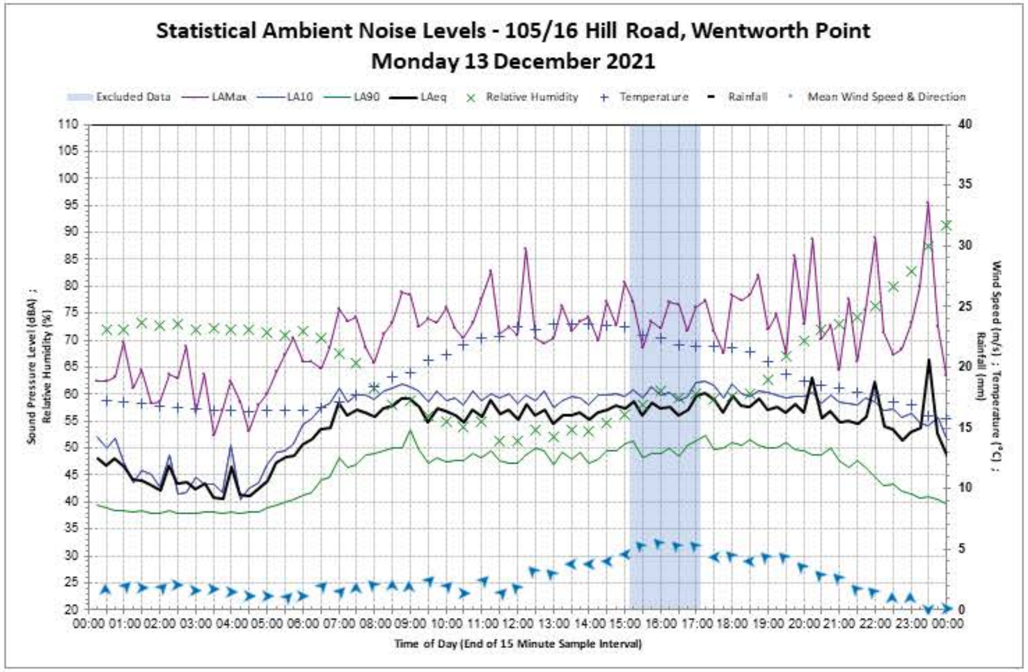

Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Tuesday 21 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

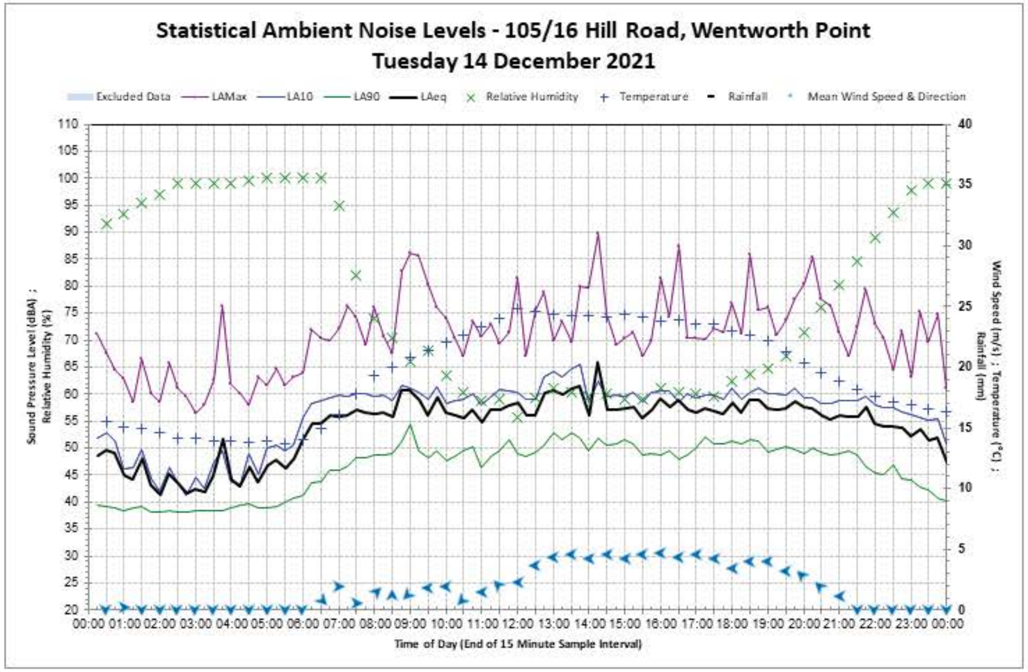

Statistical Ambient Noise Levels - 78 Lancaster Avenue, Melrose Park
Wednesday 22 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Friday 10 December 2021

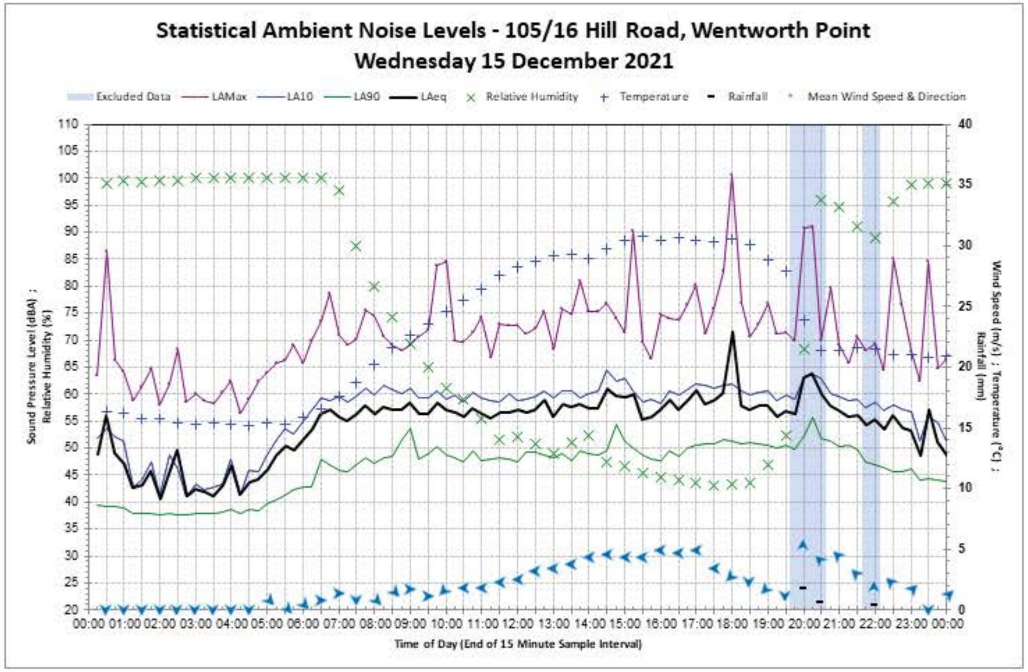

Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Saturday 11 December 2021


Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

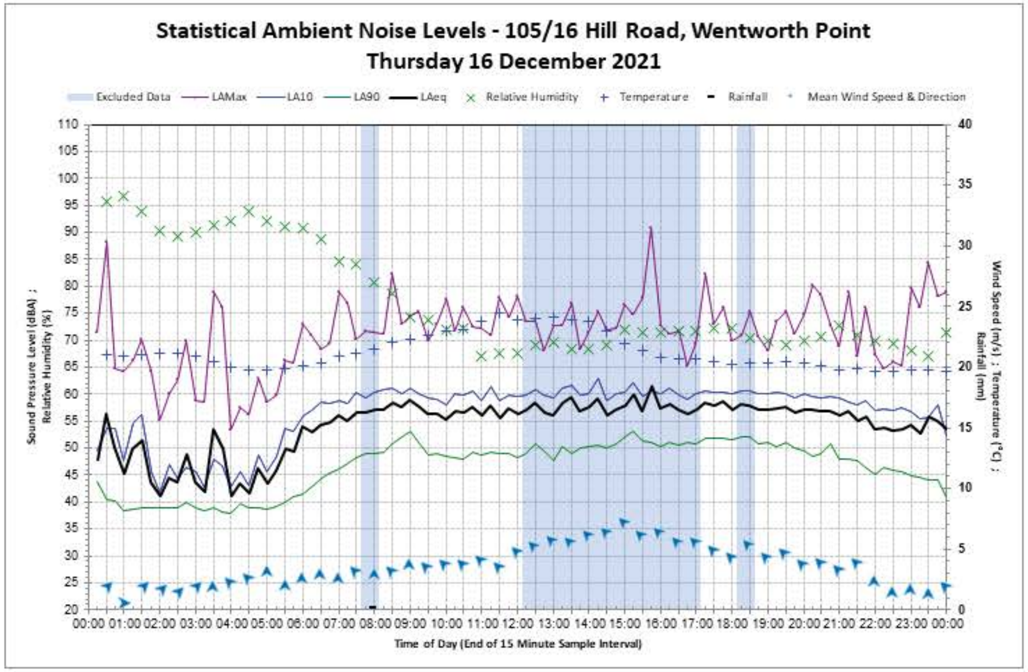

Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Monday 13 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



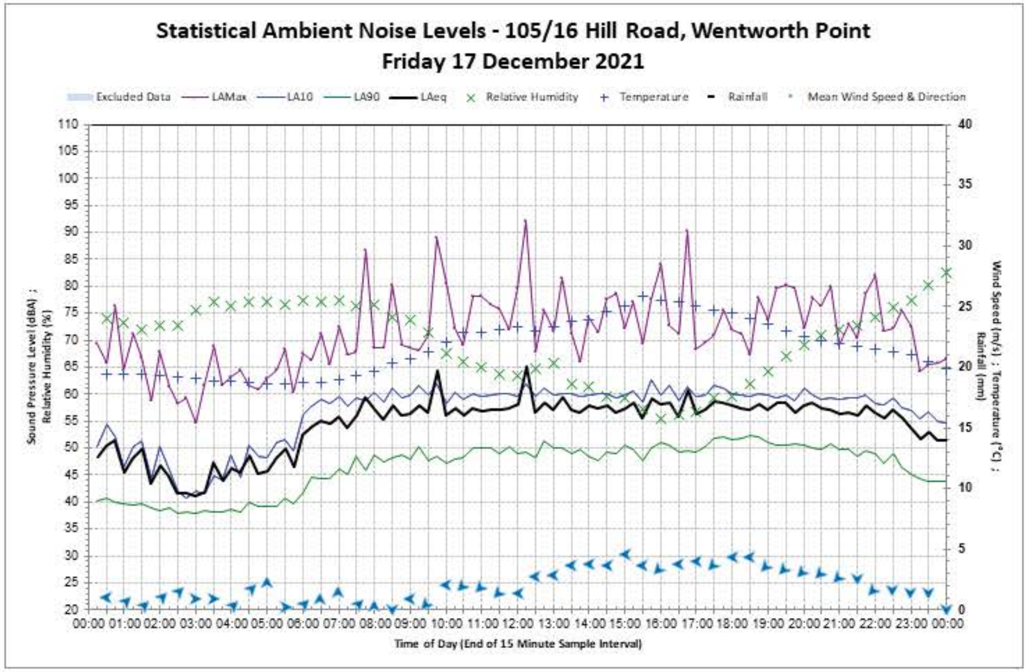
Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Tuesday 14 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



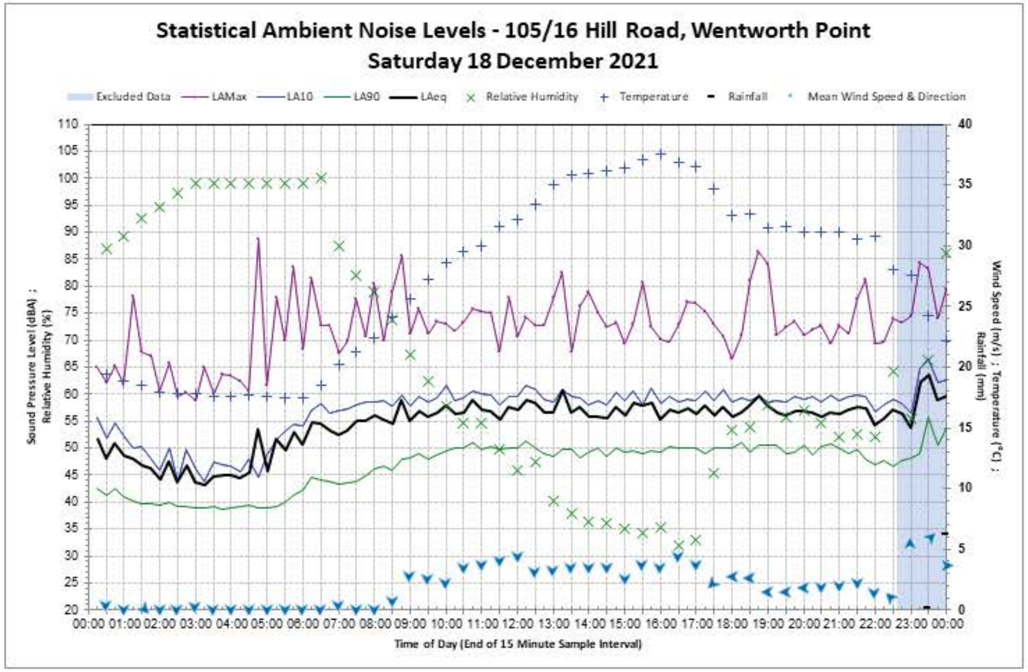
Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Wednesday 15 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

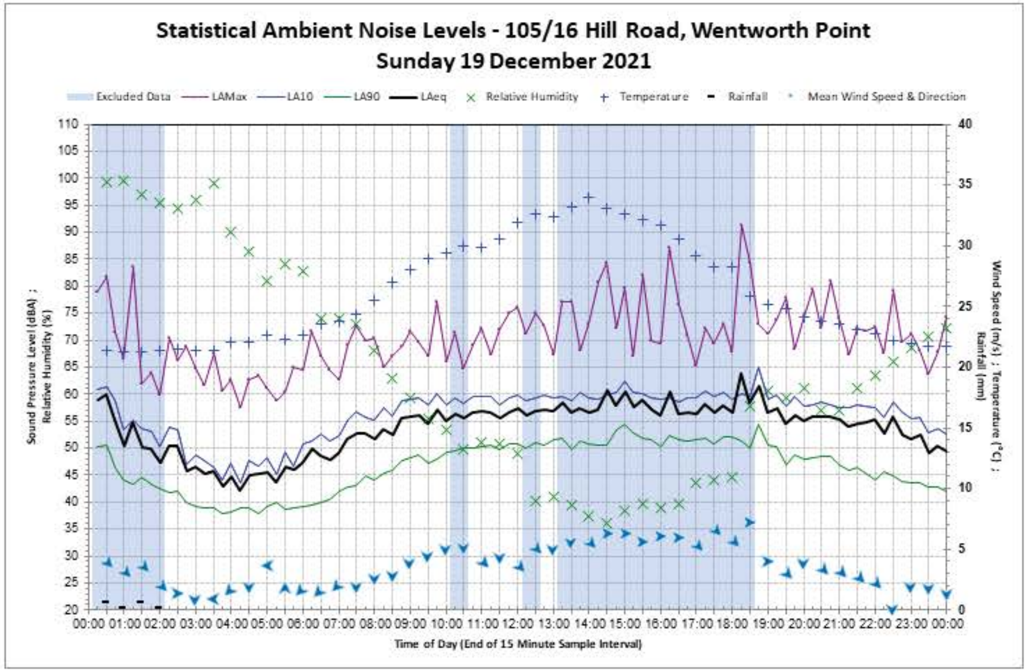


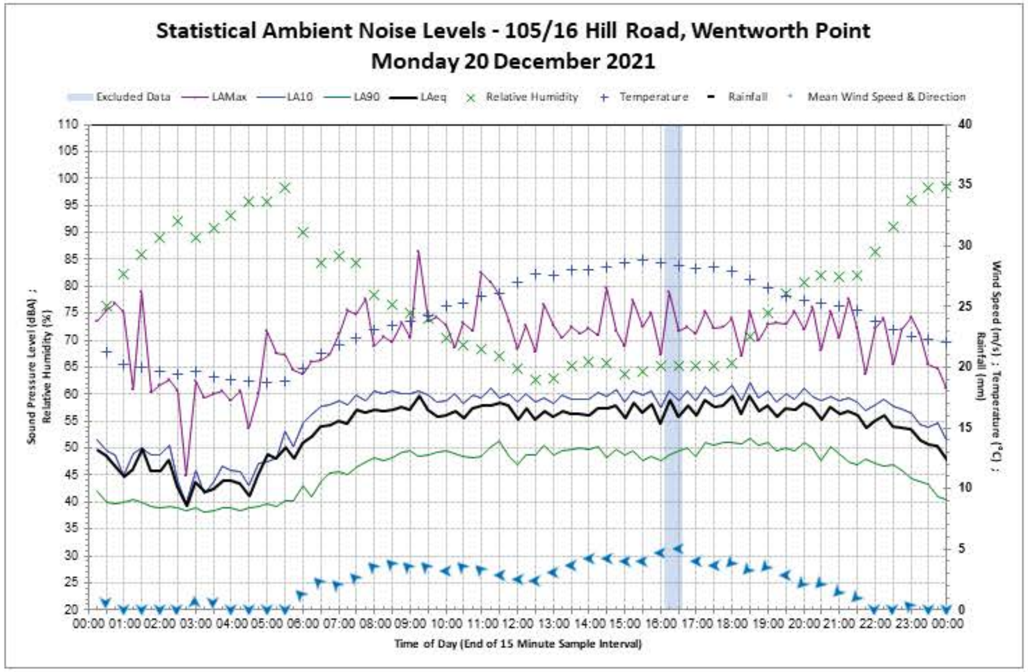
Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Thursday 16 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

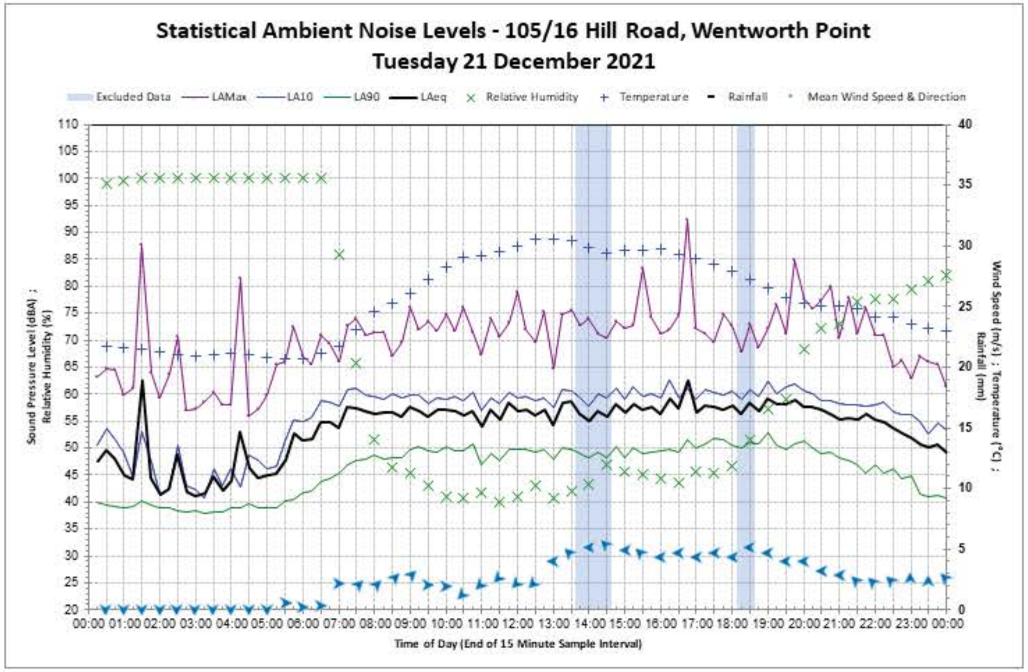


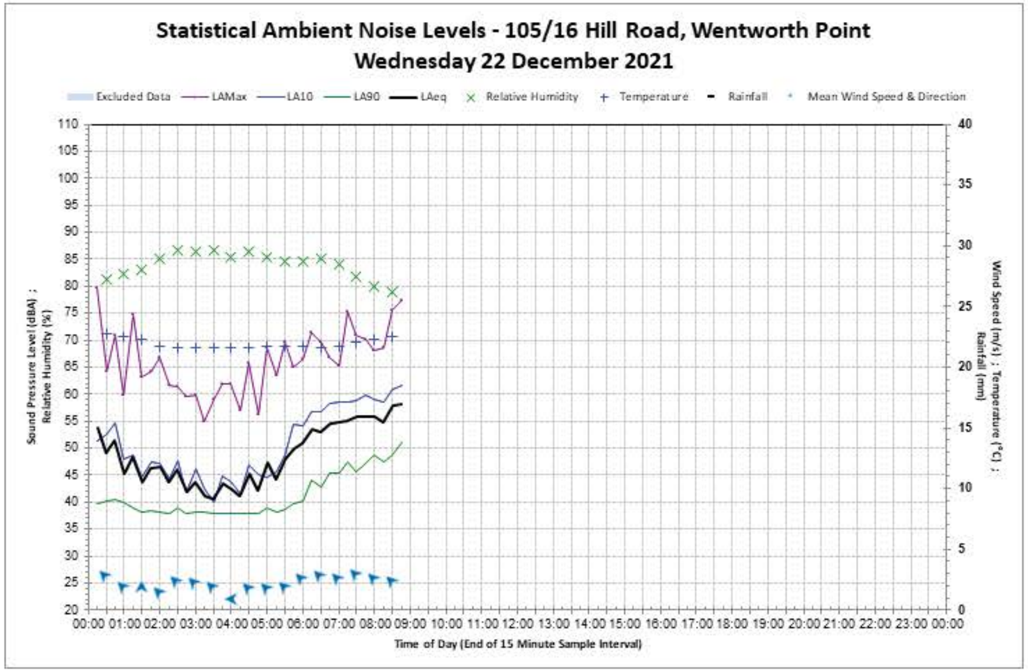
Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Friday 17 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Saturday 18 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

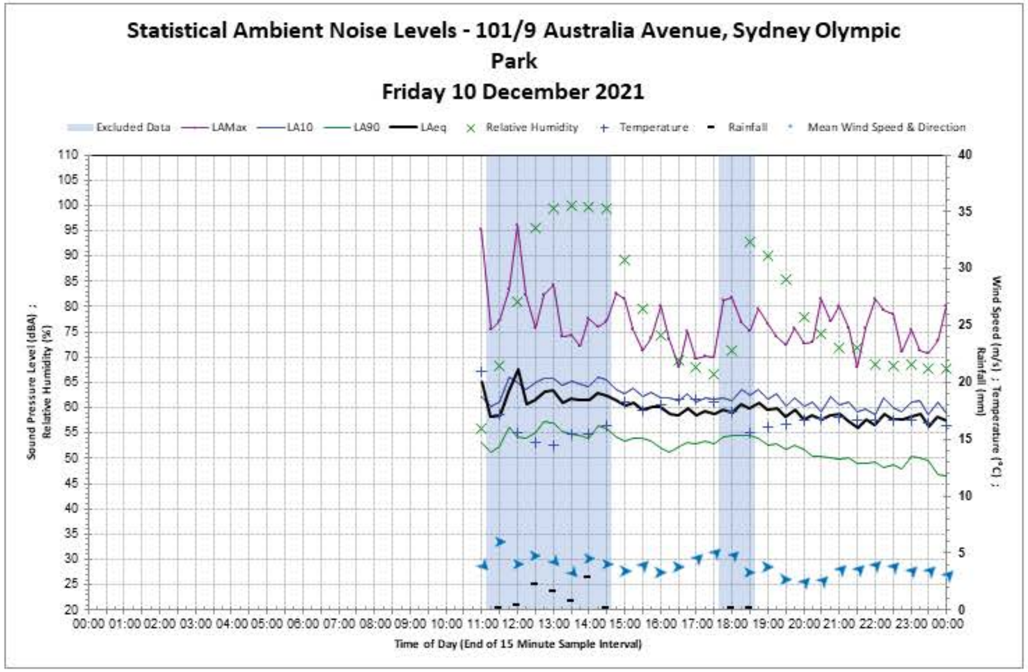

Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Sunday 19 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Monday 20 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

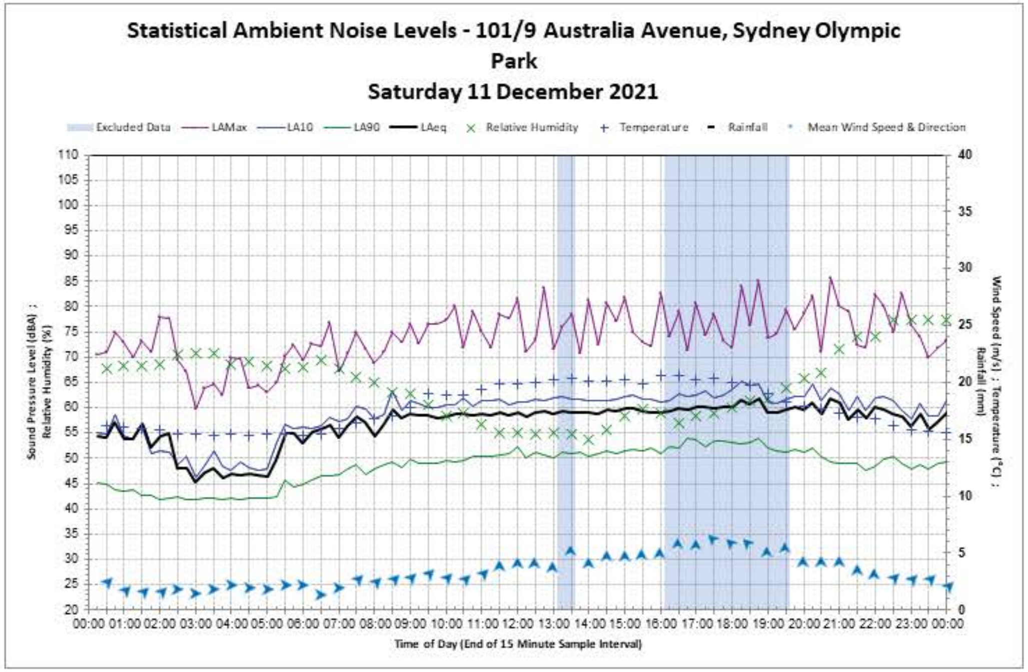

Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Tuesday 21 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



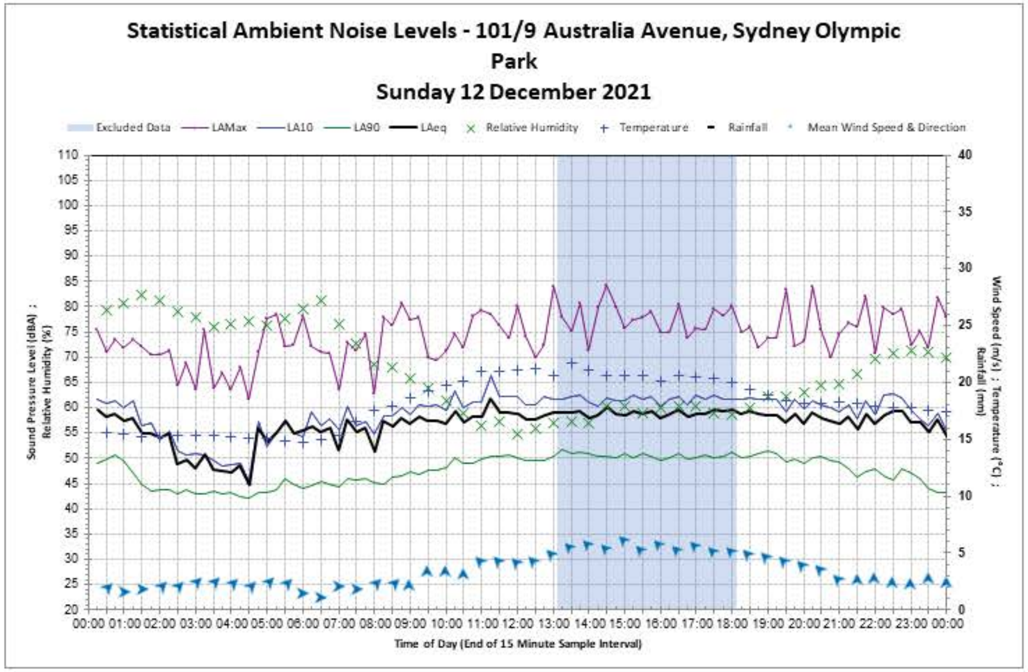
Statistical Ambient Noise Levels - 105/16 Hill Road, Wentworth Point
Wednesday 22 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



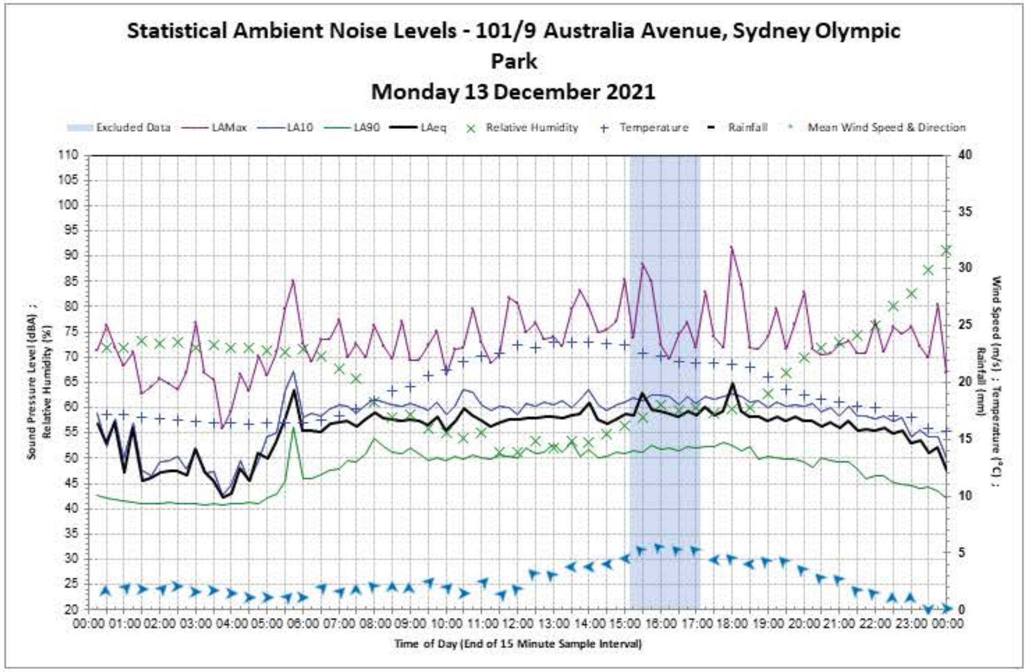
Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Friday 10 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



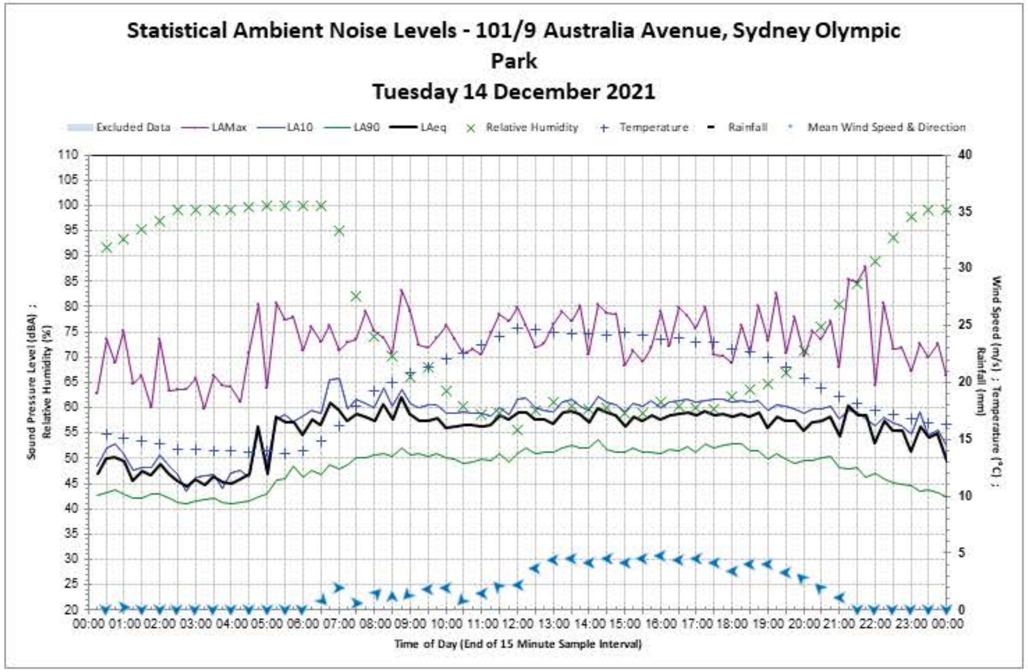
Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Saturday 11 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

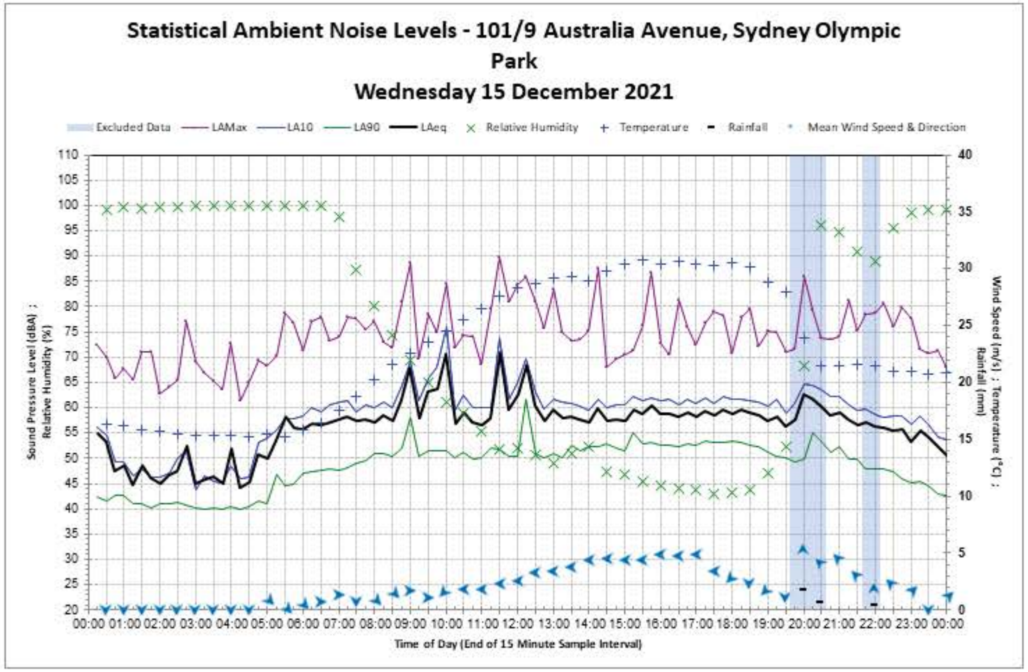


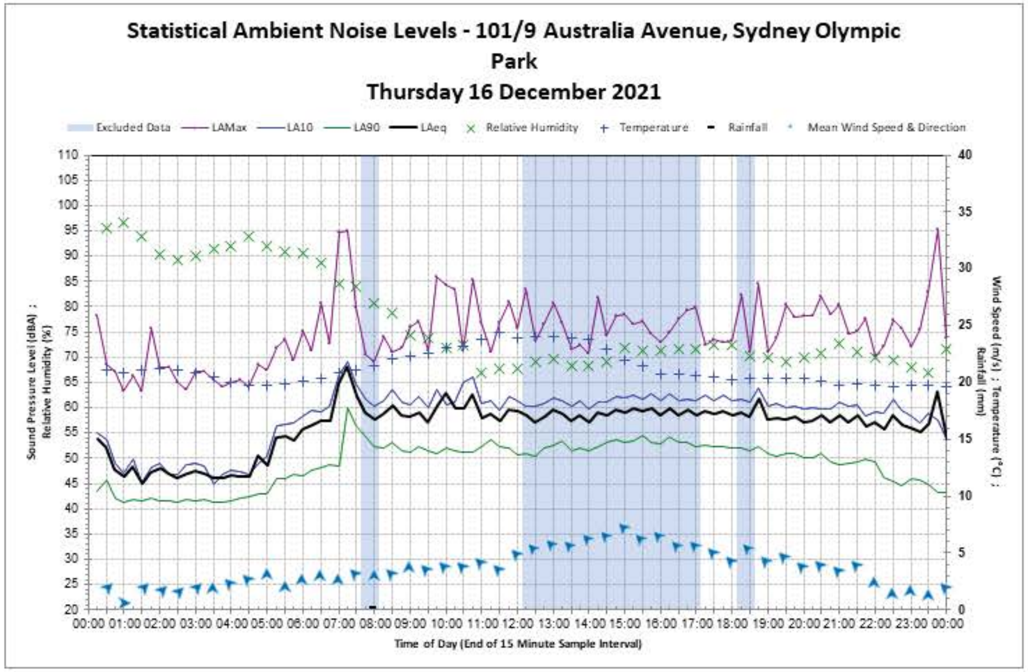
Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

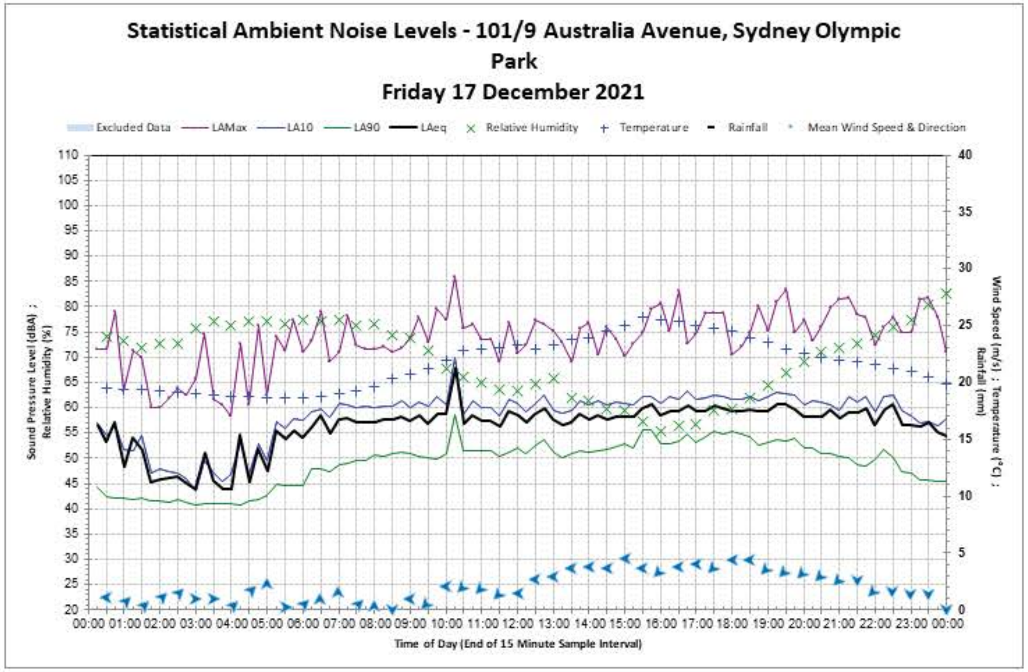


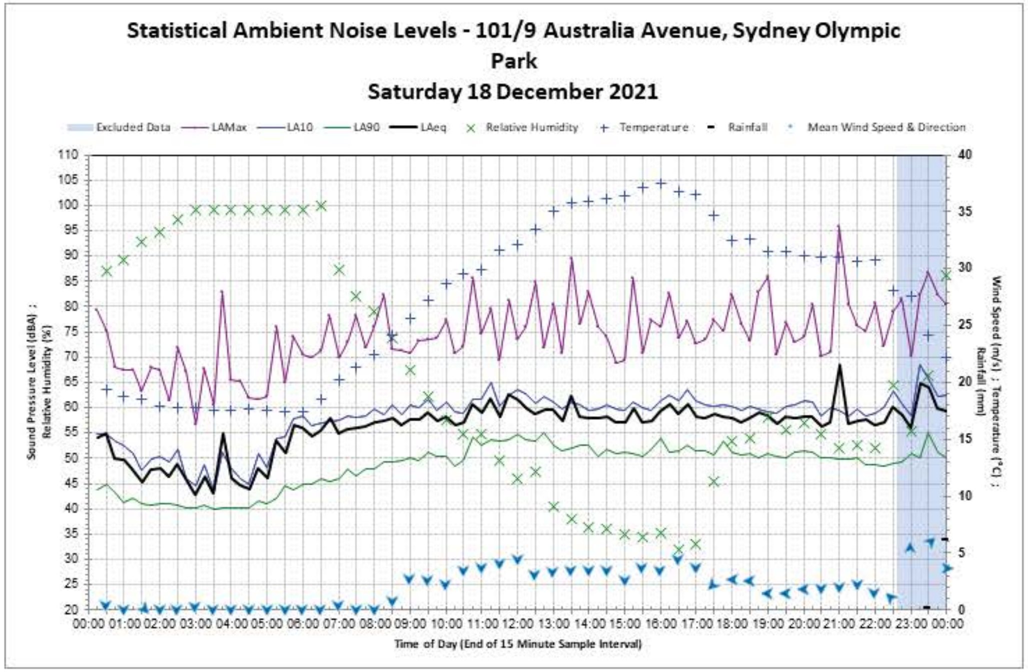
Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Monday 13 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

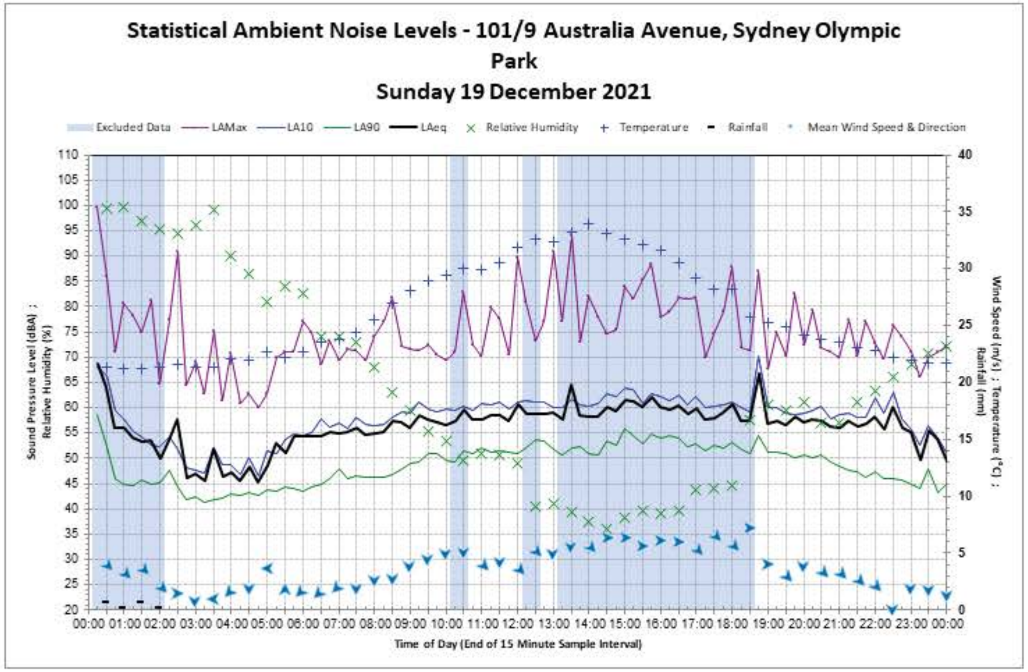

Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Tuesday 14 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

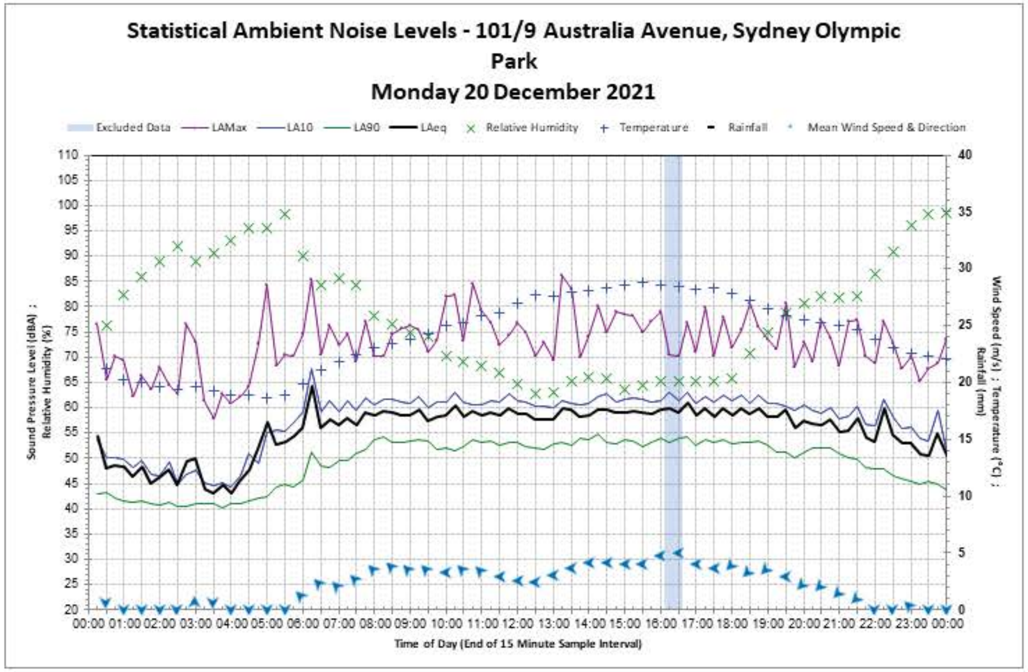

Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Wednesday 15 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

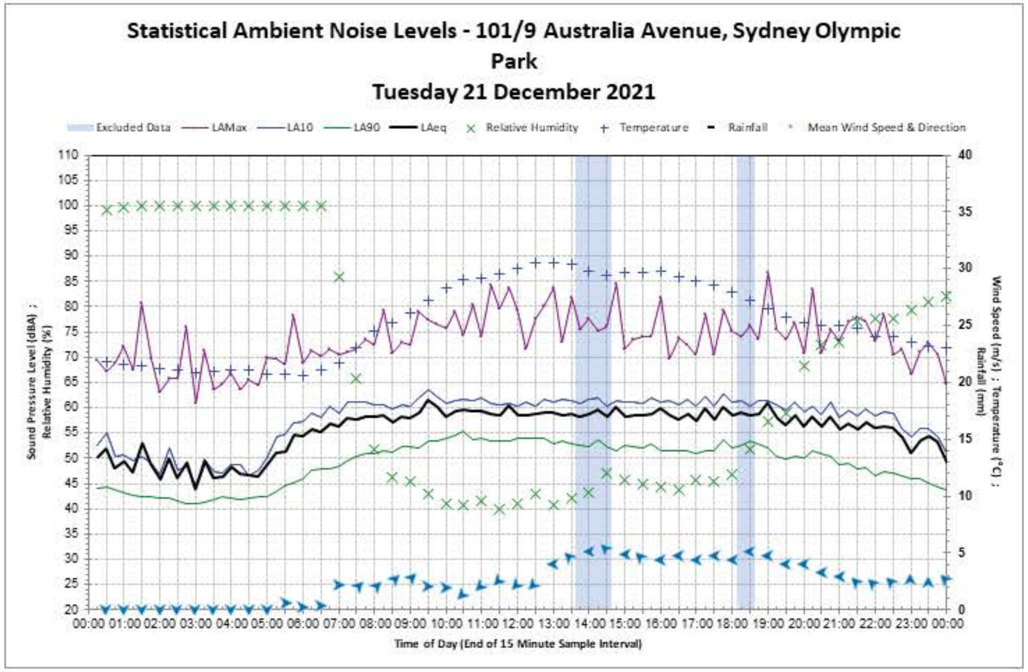

Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Thursday 16 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

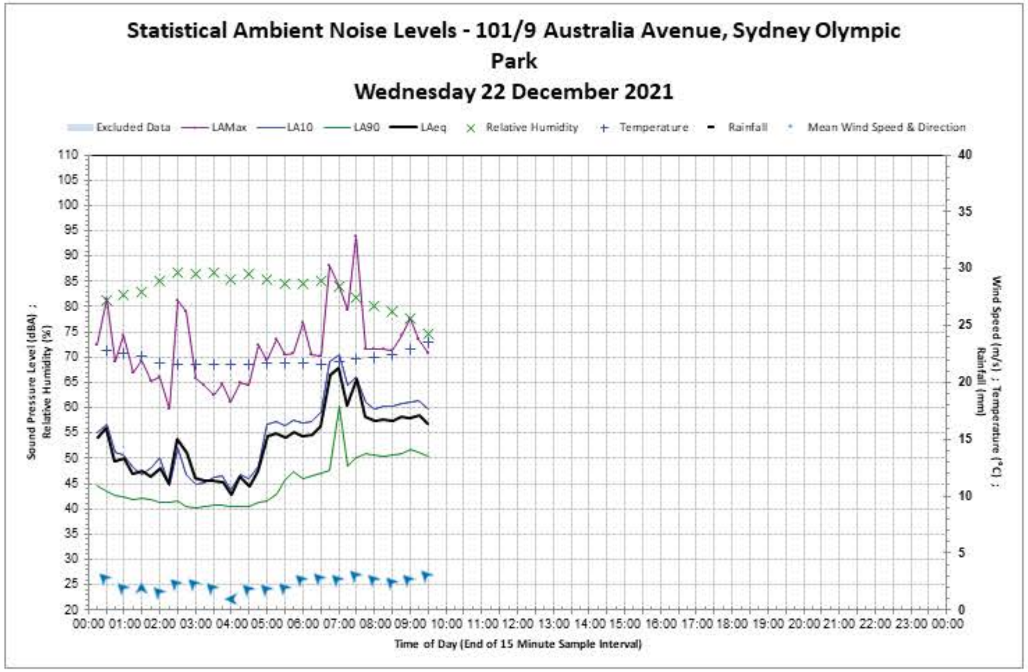

Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Friday 17 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Saturday 18 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

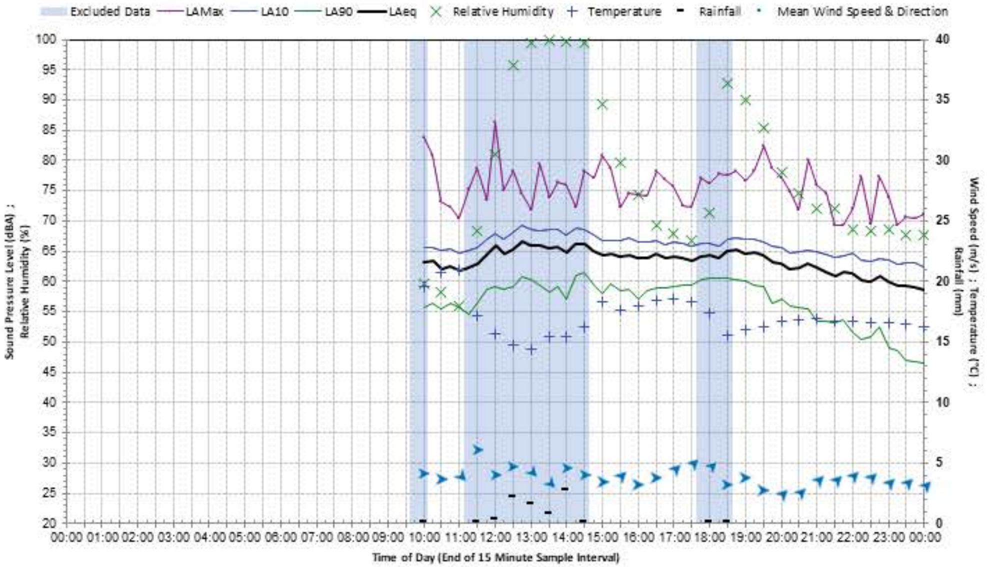

Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Sunday 19 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Monday 20 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

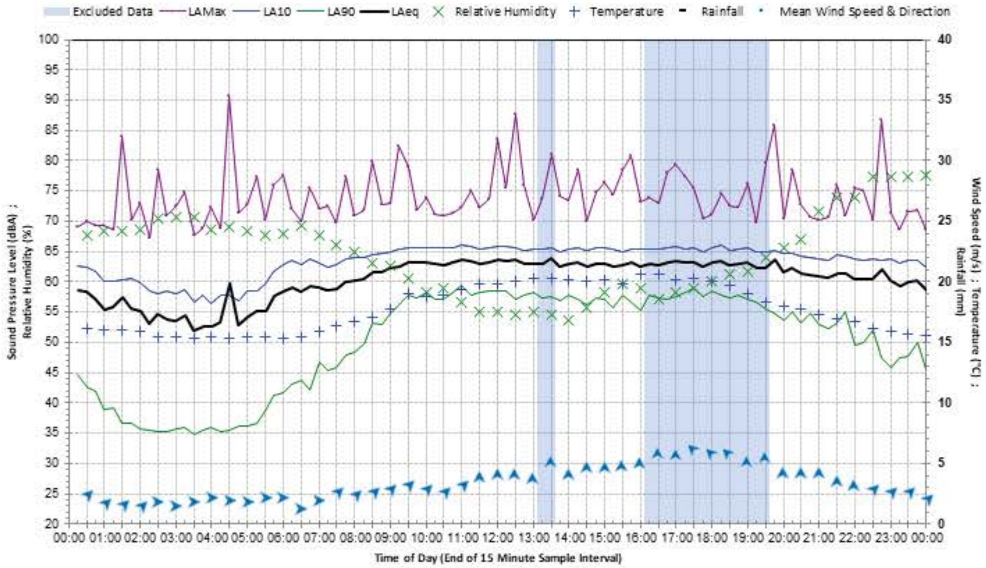

Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Tuesday 21 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 101/9 Australia Avenue, Sydney Olympic Park
Wednesday 22 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

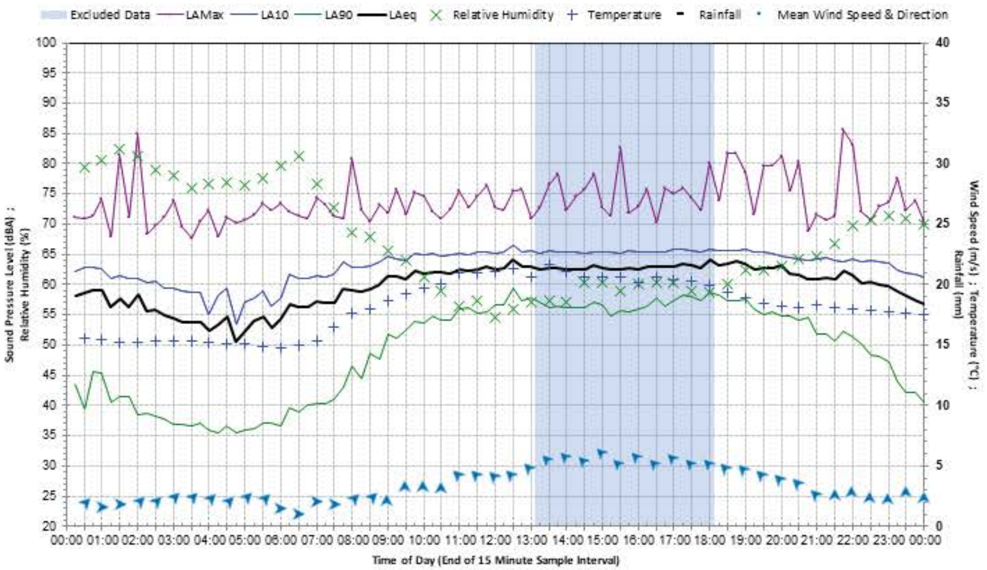
Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Friday 10 December 2021



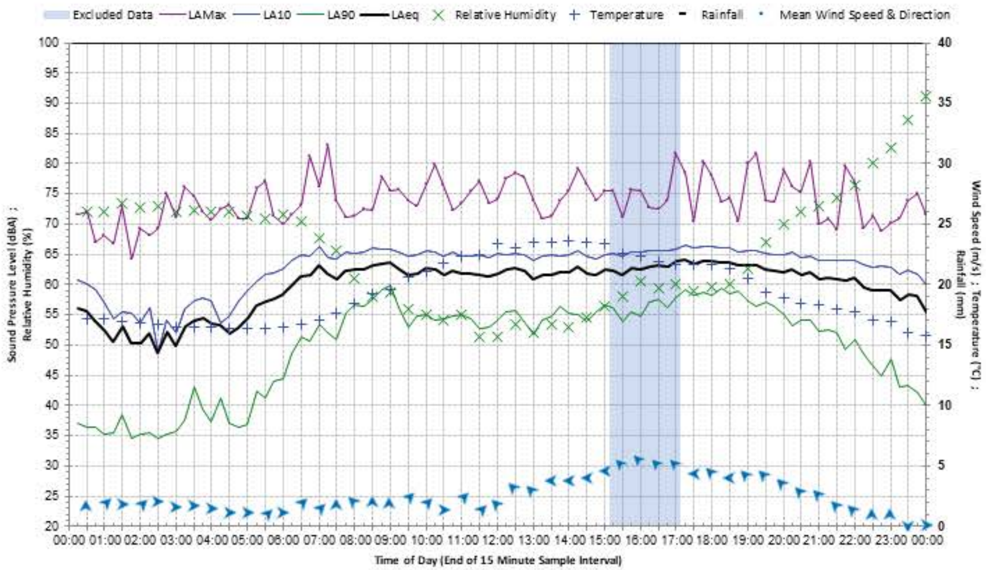
Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Saturday 11 December 2021

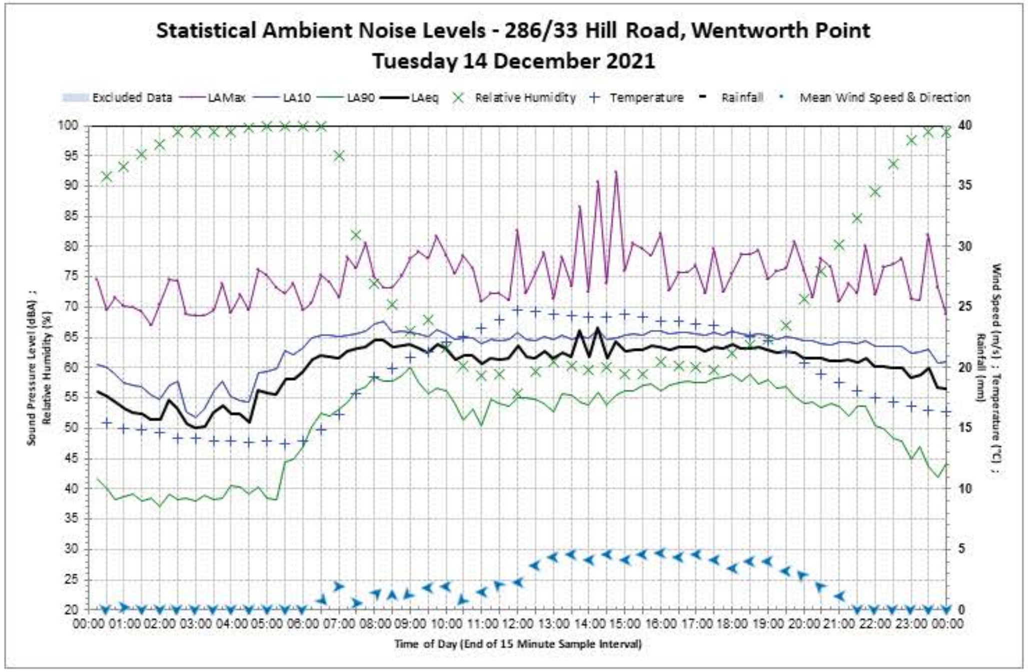


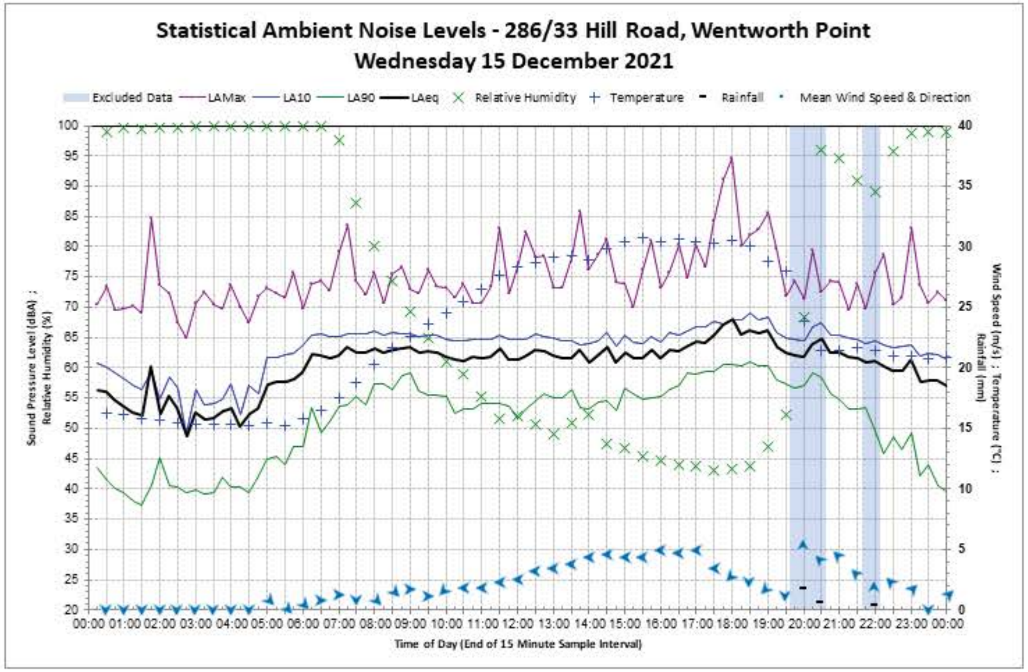
Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Sunday 12 December 2021

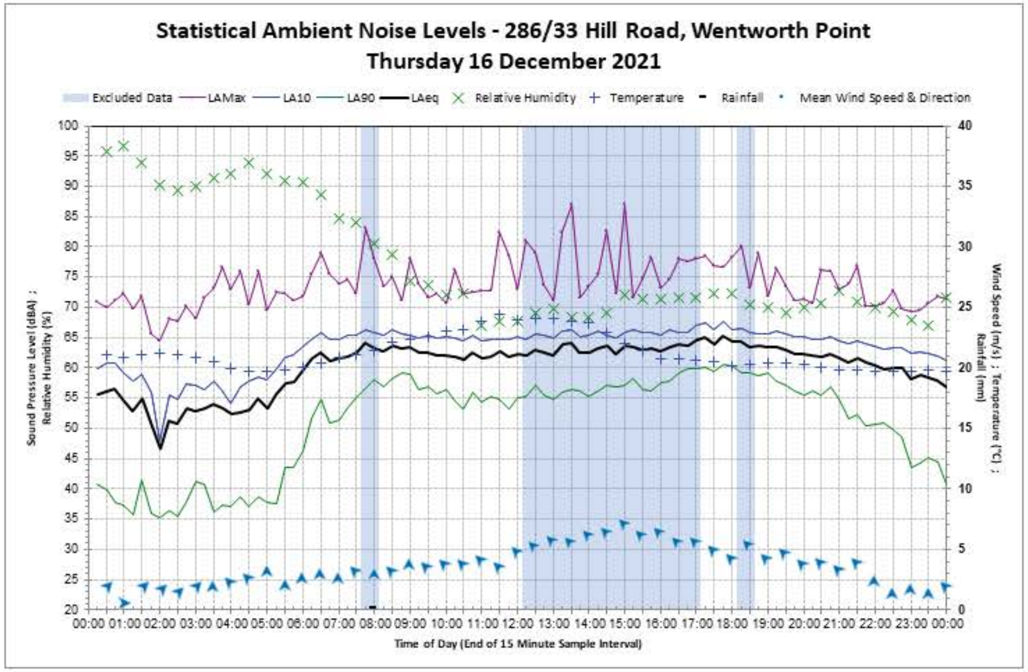


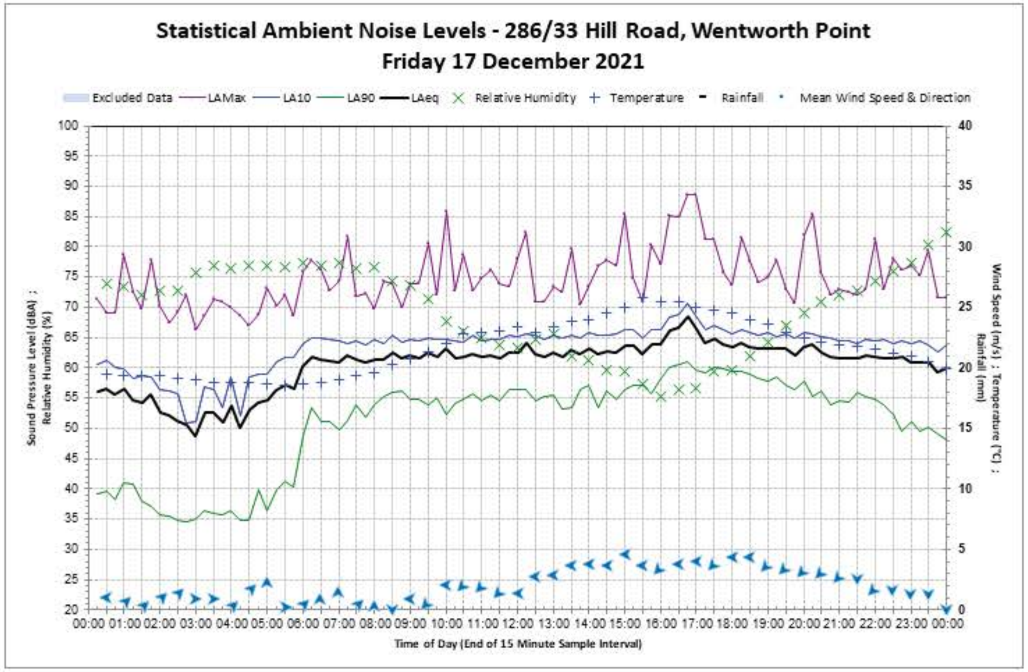
Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Monday 13 December 2021

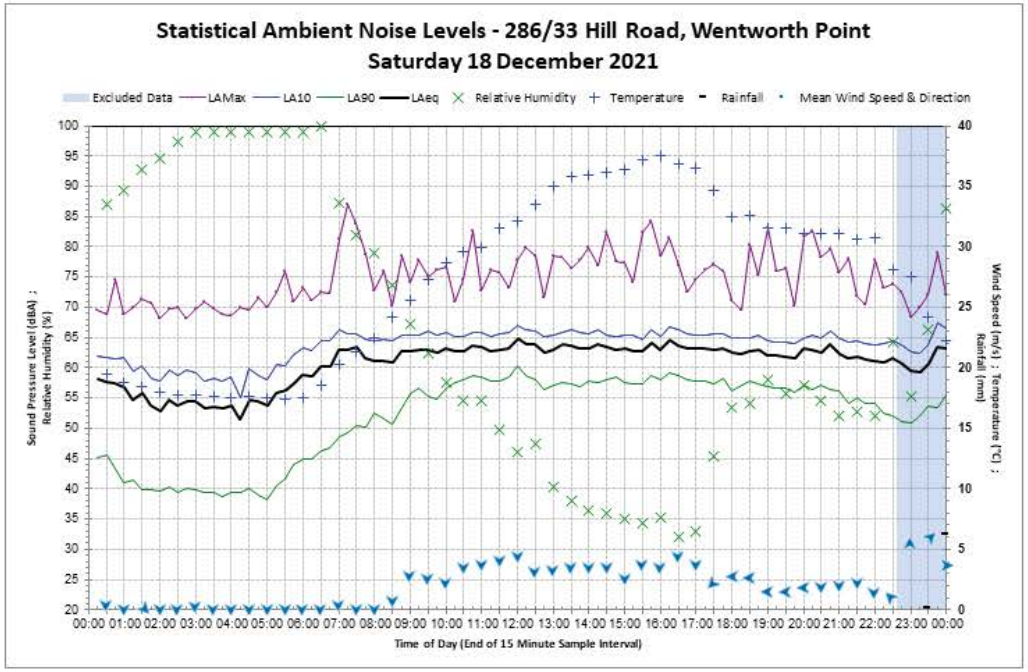


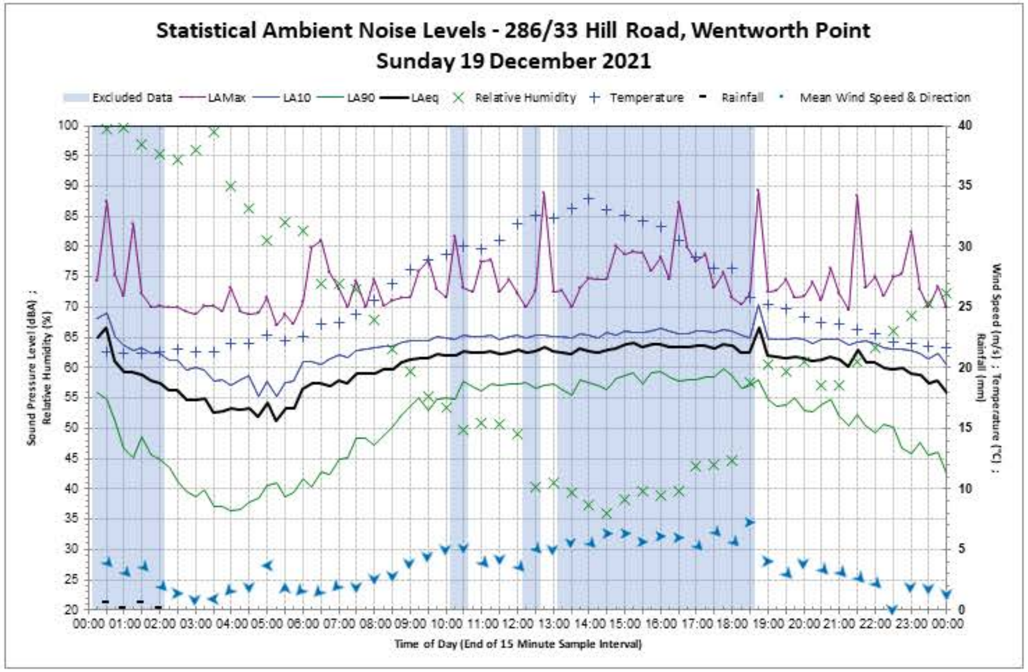

Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Tuesday 14 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

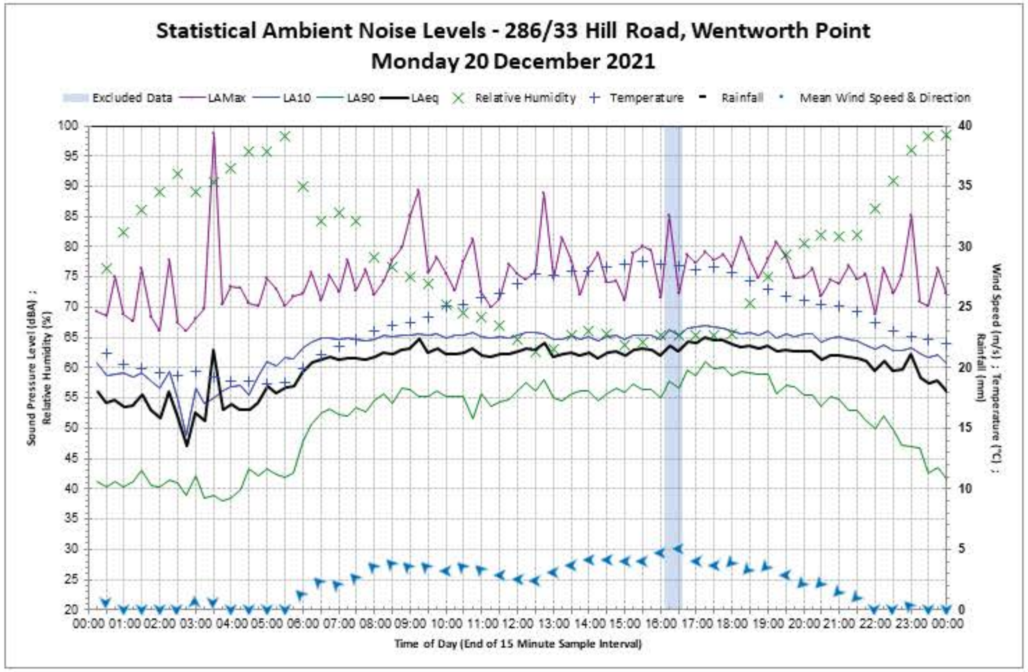

Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Wednesday 15 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

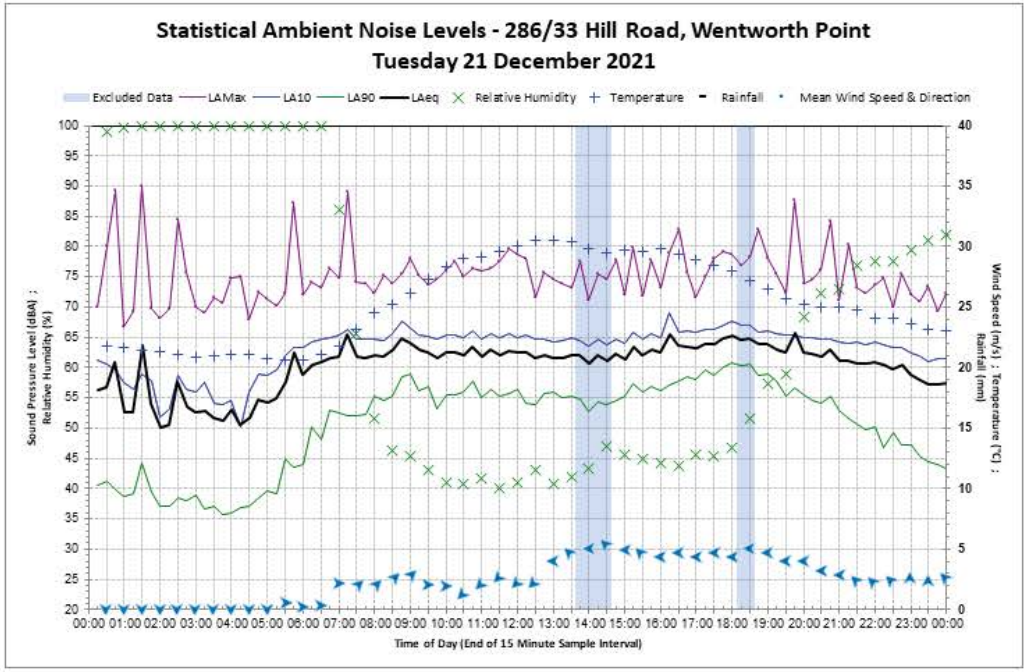

Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Thursday 16 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

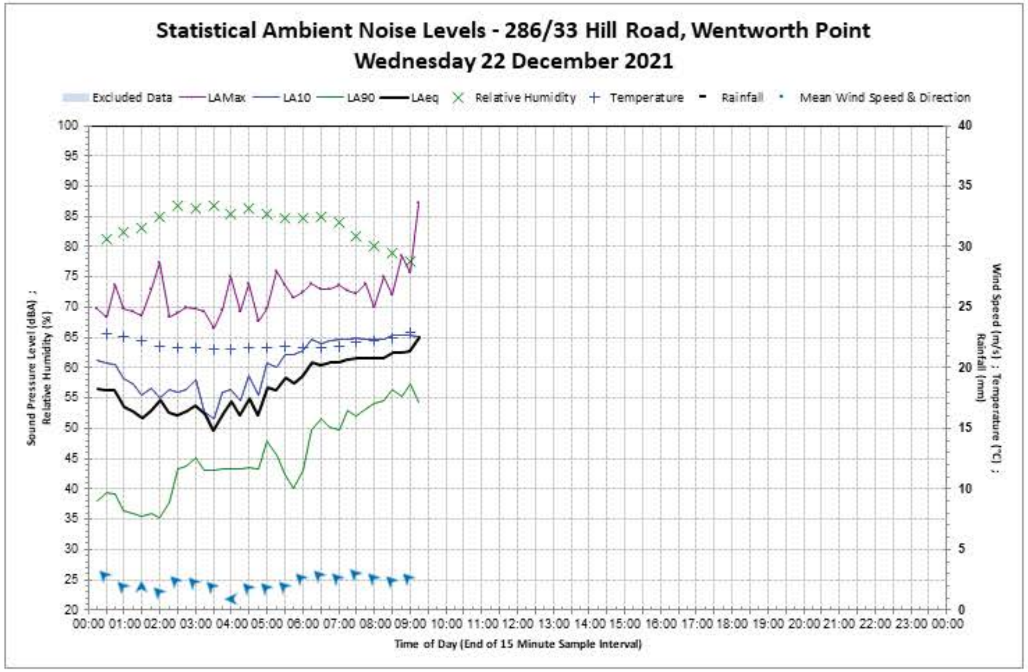

Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Friday 17 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

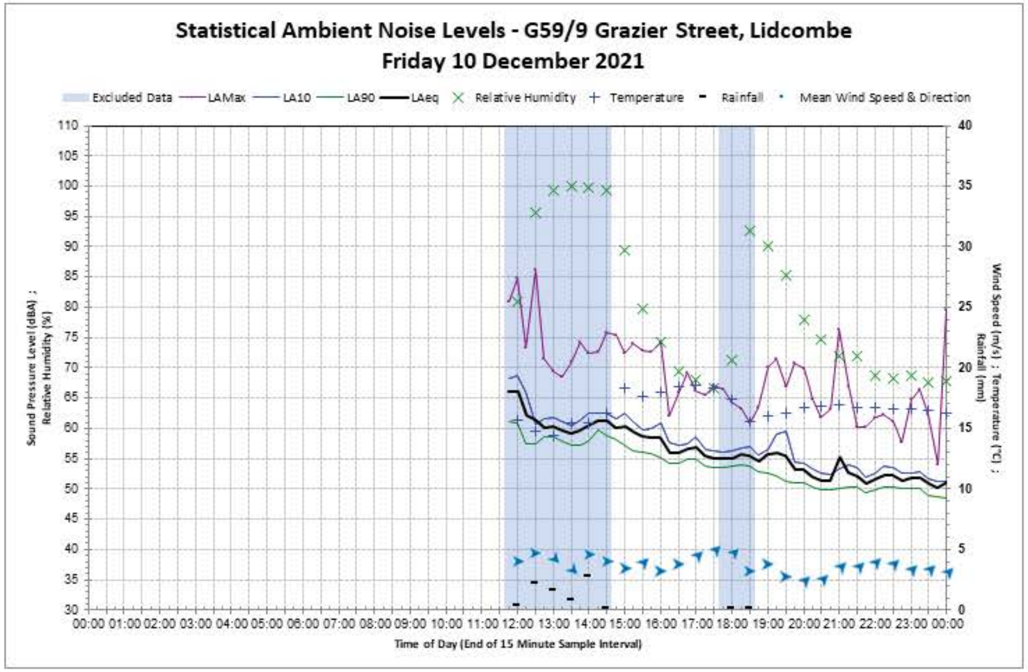

Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Saturday 18 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Sunday 19 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

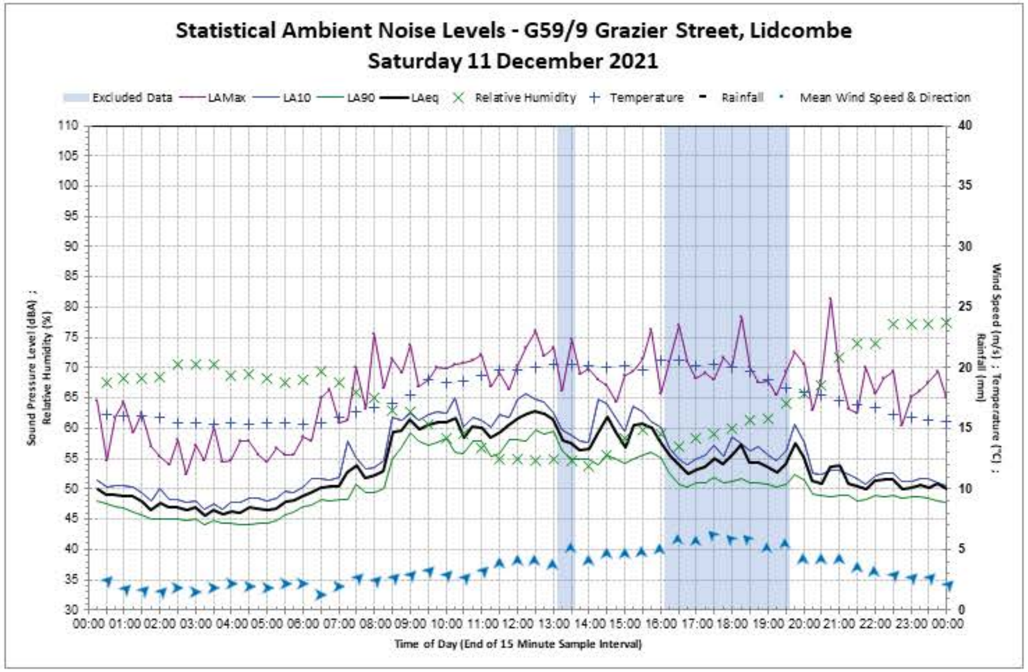

Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Monday 20 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Tuesday 21 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

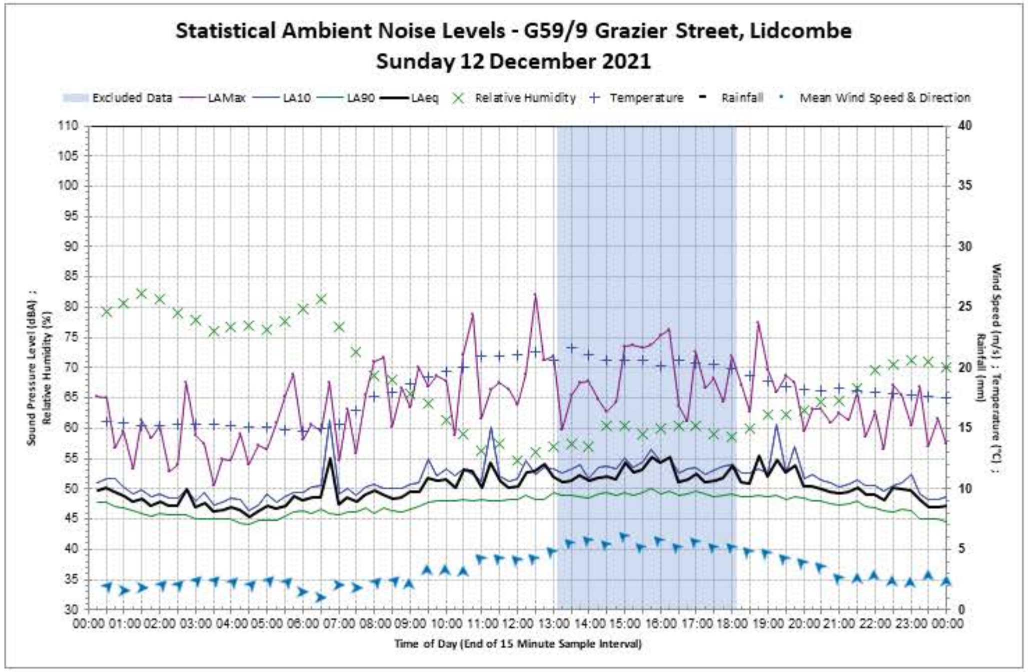

Statistical Ambient Noise Levels - 286/33 Hill Road, Wentworth Point
Wednesday 22 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



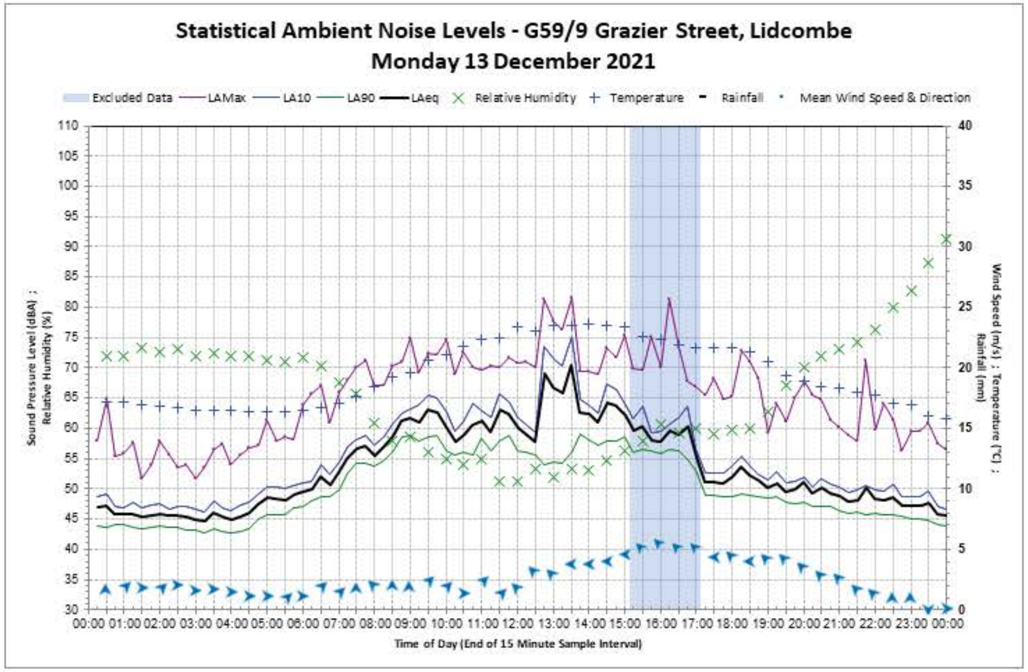
Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Friday 10 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)



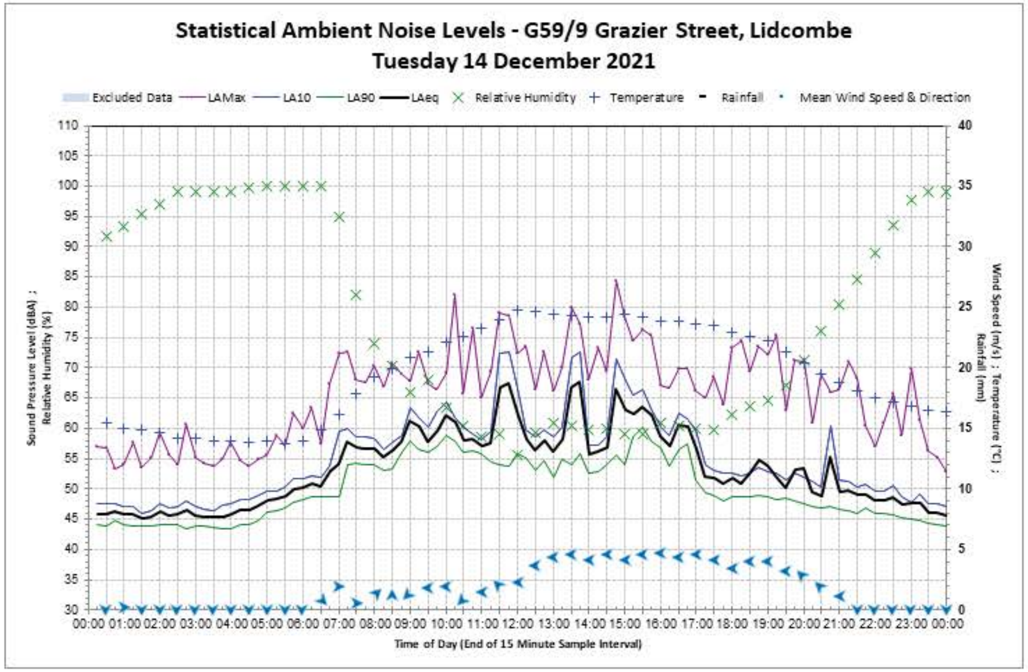
Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Saturday 11 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

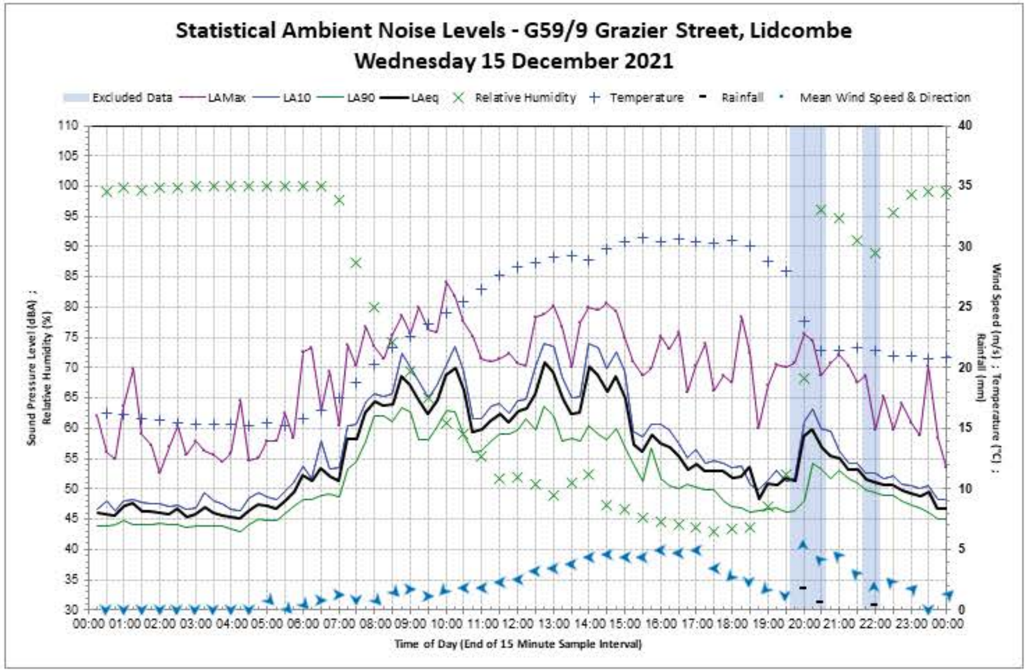


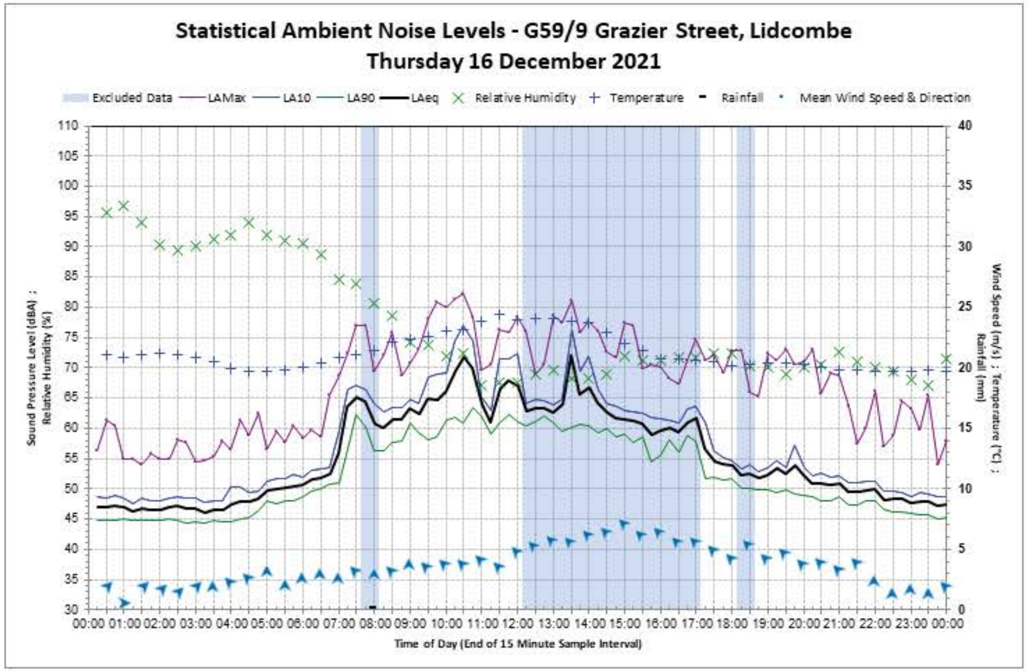
Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Sunday 12 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

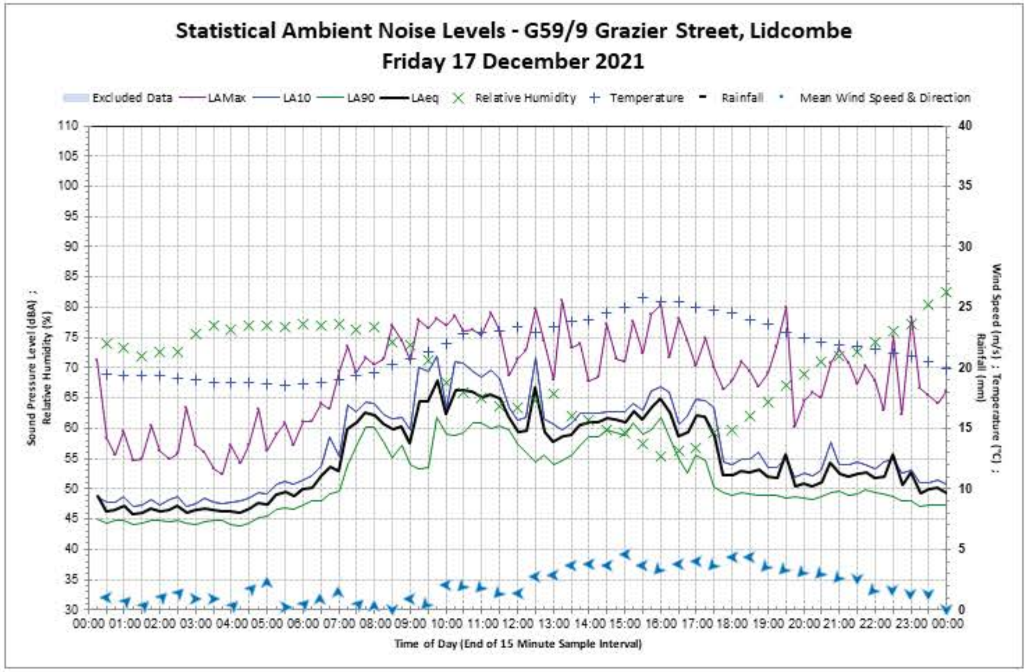


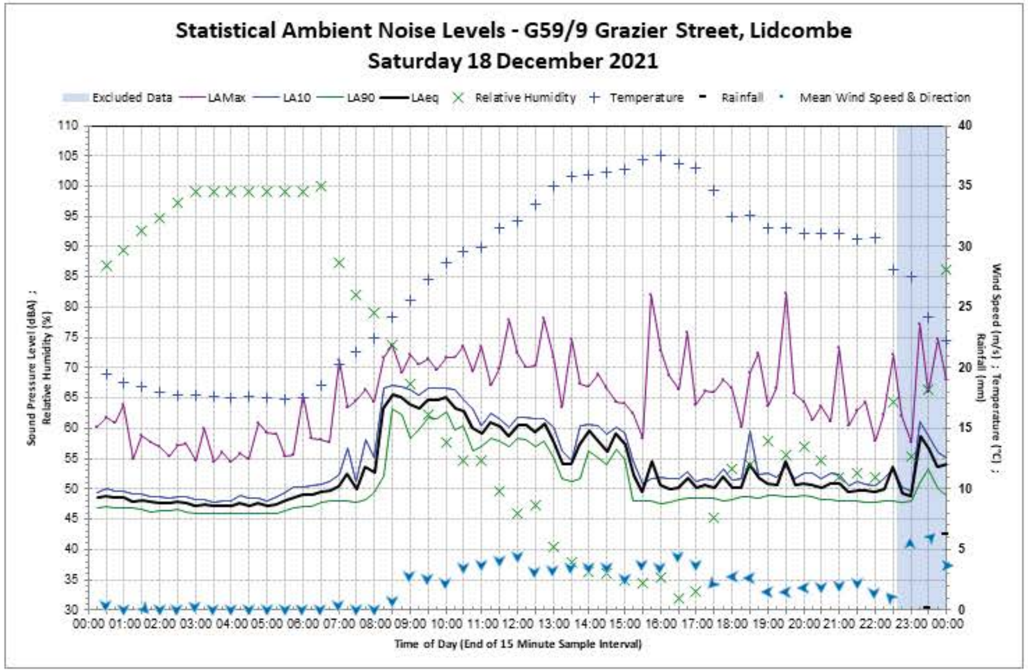
Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Monday 13 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

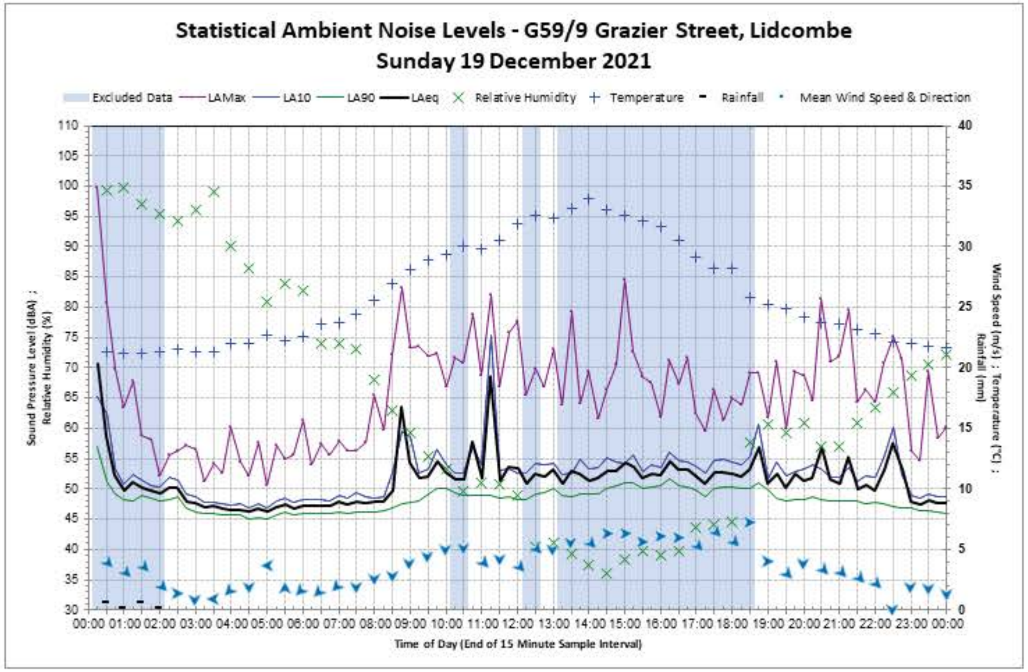

Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Tuesday 14 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

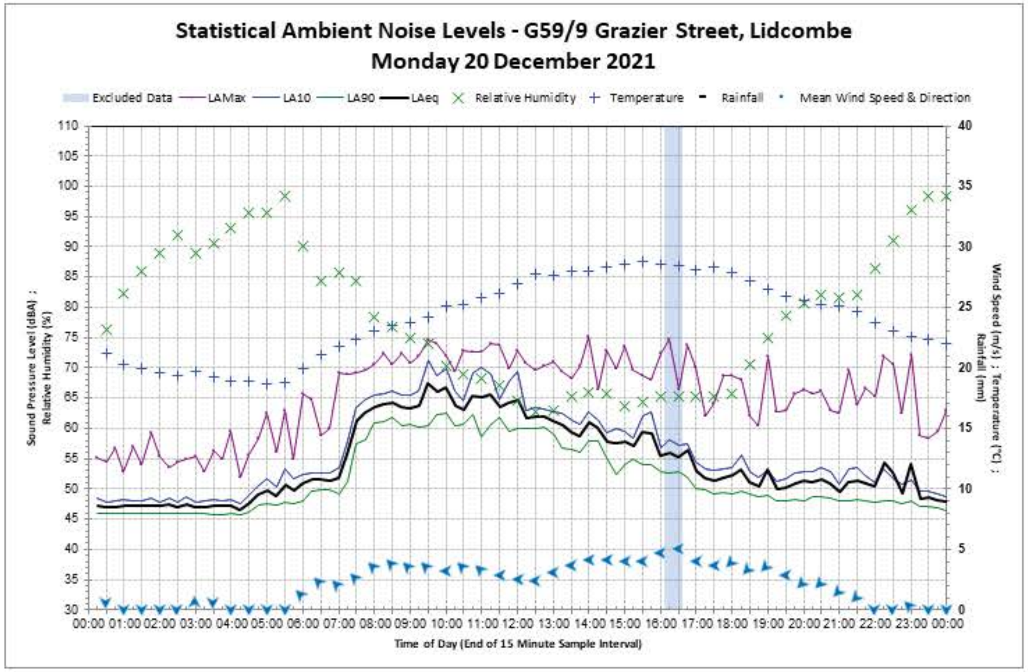

Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Wednesday 15 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

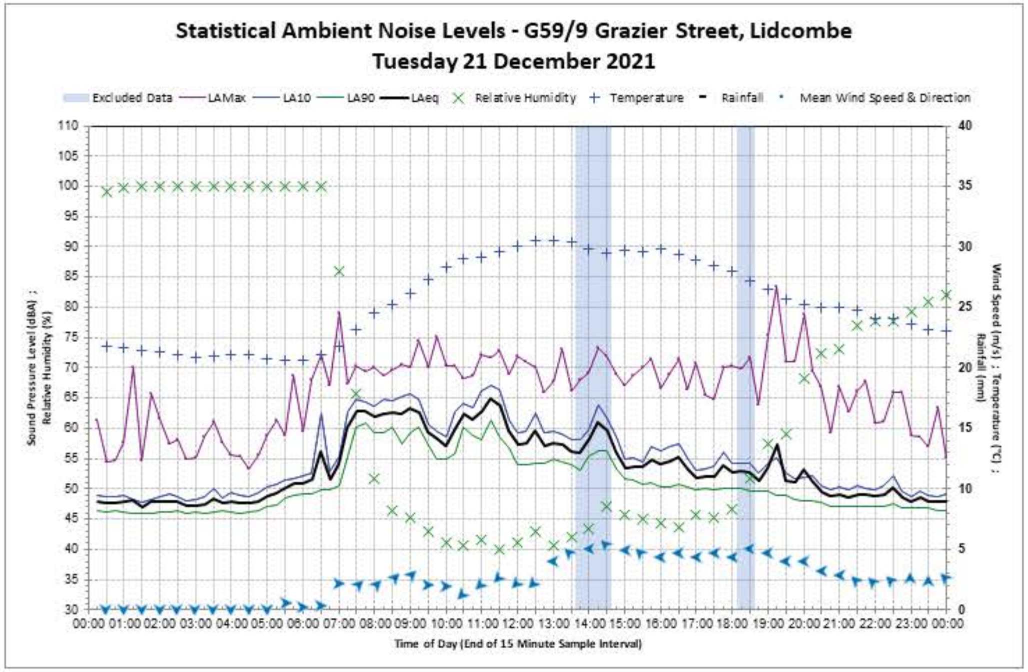

Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Thursday 16 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)

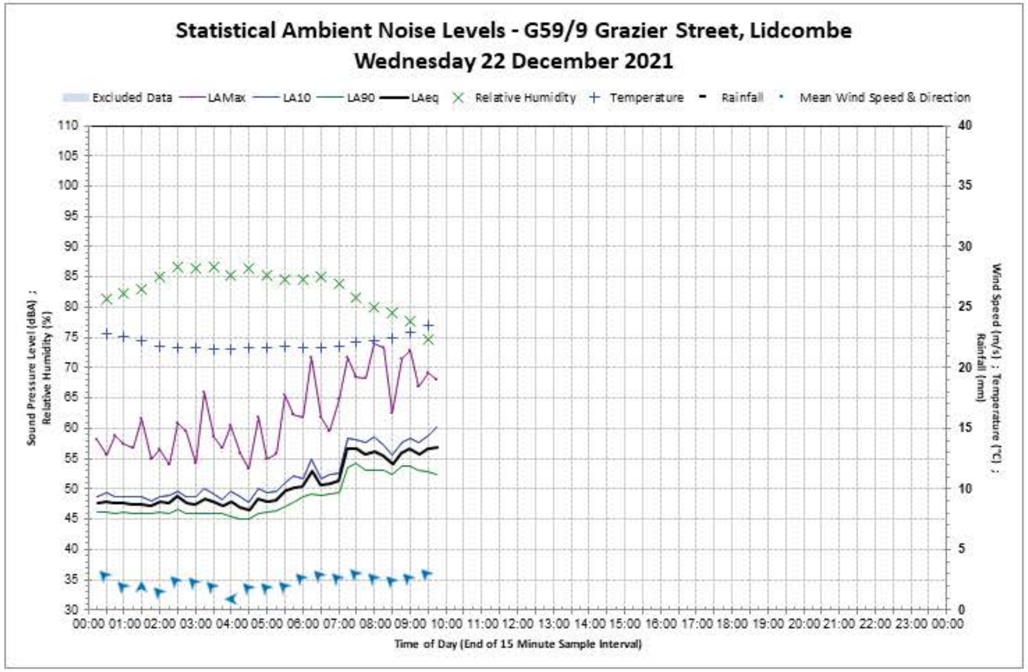

Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Friday 17 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Saturday 18 December 2021
Excluded Data — LAMax — LA10 — LA90 — LAeq × Relative Humidity + Temperature - Rainfall • Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Sunday 19 December 2021
Excluded Data — LAMax — LA10 — LA90 — LAeq × Relative Humidity + Temperature - Rainfall • Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Monday 20 December 2021
Excluded Data — LAMax — LA10 — LA90 — LAeq × Relative Humidity + Temperature - Rainfall • Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Tuesday 21 December 2021
Excluded Data — LAMax — LA10 — LA90 — LAeq × Relative Humidity + Temperature - Rainfall • Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)


Statistical Ambient Noise Levels - G59/9 Grazier Street, Lidcombe
Wednesday 22 December 2021
Excluded Data
LAMax
LA10
LA90
LAeq
Relative Humidity
Temperature
Rainfall
Mean Wind Speed & Direction
Sound Pressure Level (dBA) ; Relative Humidity (%)
Wind Speed (m/s) ; Temperature (°C) ; Rainfall (mm)
Time of Day (End of 15 Minute Sample Interval)
00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00 00:00
110 105 100 95 90 85 80 75 70 65 60 55 50 45 40 35 30
40 35 30 25 20 15 10 5 0

Appendix E

Derivation of noise and vibration targets

E-1 Construction noise management levels

The EPA has released the Draft Construction Noise Guideline (DCNG) in 2020 for public consultation purposes only and once public consultation is complete, the feedback would be used to provide a final guideline to replace the ICNG. The ICNG would remain applicable for projects, as it is referred to in the SEARs.

However, the DCNG still provides useful guidance and includes the following changes:

- emphasis on the need to engage with the community, to ensure that the community's views are considered when planning how to manage construction noise impacts
- improved guidance for managing noise from construction activities taking place outside the recommended standard hours of work
- alignment of the level of assessment required with risk of noise impact
- a simplified assessment path for routine activities undertaken by public authorities on public infrastructure through industry management procedures
- increased emphasis on the need for proponents to justify the selection of noise mitigation measures to improve transparency.

The intent of the key changes in the DCNG have been considered in this assessment, however construction noise associated with the project has been assessed against the requirements of the ICNG.

E-1-1 Noise management levels

Table 2 in the ICNG provides recommended NMLs for residences, which are detailed in Table E.1.

Table E.1 Residential construction noise management levels, dBA (ICNG, 2009)

<table>
<tr><th>Time of day</th><th>Noise management level, $L_{Aeq(15\ min)}$</th><th>Application notes</th></tr>
<tr><td rowspan="2">Recommended standard hours</td><td>Noise affected:
RBL + 10 dB</td><td>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.</td></tr>
<tr><td>Highly noise affected:
75 dBA</td><td>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 relevant authority (consent, determining or regulatory) may require respite periods by restricting the hours that the very noisy activities can occur, taking into account:
– times identified by the community when they are less sensitive to noise (such as before and after school, or mid-morning or mid-afternoon for works near residences)
– if the community is prepared to accept a longer period of construction in exchange for restrictions on construction times.</td></tr>
<tr><td>Outside recommended standard hours</td><td>Noise affected:
RBL + 5 dB</td><td>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 dB above the noise affected level, the proponent should negotiate with the community.</td></tr>
</table>

Noise management levels are also provided in the ICNG for other sensitive land uses as shown in Table E.2.

Table E.2 Noise at non-residential sensitive land uses, (ICNG, 2009)

Land use	Management level $L_{Aeq(15min)}$ (applies when properties are being used)
Classrooms at schools and other educational institutions	Internal noise level 45 dBA or external noise level 55 dBA[1]
Hospital wards and operating theatres	Internal noise level 45 dBA or external noise level 55 dBA[1]
Places of worship	Internal noise level 45 dBA or external noise level 55 dBA[1]
Active recreation	External noise level 65 dBA
Passive recreation	External noise level 60 dBA
Commercial premises	External noise level 70 dBA
Industrial premises	External noise level 75 dBA

Note: 1. External noise levels are set at 10 dB above internal noise levels based on assumed attenuation of an open window

E-1-2 Sleep disturbance

To assess sleep disturbance during construction works during the night period the ICNG requires an assessment of maximum noise events including maximum received noise levels and the number of times the maximum noise level exceeds the RBL for works occurring for more than two consecutive nights. Current guidance in the Noise Policy for Industry (EPA, 2017) recommends a screening criterion for maximum noise levels L_{Amax} of 15 dB above the night-time RBL and includes a minimum criterion of 52 dBA. The screening criteria is used to identify properties where further analysis of the potential for sleep disturbance is required. This includes assessment of other factors that may affect the potential for sleep disturbance, such as:

– how often high noise events occur at night
– the distribution of likely events across the night-time period and the existing ambient maximum events in the absence of the work
– predicted maximum noise levels at night
– whether there are times when there is a clear change in the noise environment (such as during early morning shoulder periods)
– the degree of maximum noise levels above the background noise level at night.

E-1-3 Ground-borne noise management levels

The CNVS refers to the construction ground-borne noise objectives in the ICNG. Ground-borne construction noise is usually present on tunnelling projects when equipment such as tunnel boring machines, road headers, rock hammers and drilling rigs are operated underground. As no tunnelling works are proposed as part of the project, ground-borne noise impacts are not anticipated at residential or commercial receivers. For critical spaces such as recording, studios, cinemas and operating theatres, an assessment of ground-borne construction noise for surface construction works (such as rock-breaking) may be required.

Ground-borne noise is usually not a significant disturbance to building occupants during the day period as higher ambient noise levels generally mask the audibility of ground-borne noise emissions. During the evening and night periods, ground-borne noise can be more prominent due the lower ambient noise levels.

The ICNG NMLs for ground-borne noise to assess impacts to amenity and sleep during the evening and night periods are presented below:

– evening (6 pm – 10 pm) internal $L_{Aeq\ (15\ min)}$: 40 dBA
– night (10 pm – 7 am) internal $L_{Aeq\ (15\ min)}$: 35 dBA.

These impacts only apply if and when the ground-borne noise levels are higher than the airborne noise levels for the same activity.

E-1-4 Construction road traffic noise

The RNP provides traffic noise target levels for residential receivers in the vicinity of existing roads and are applied to road upgrades. For this assessment these levels are also applied to construction works to identify potential construction traffic impacts and the potential for reasonable and feasible mitigation measures. The RNP road types are based on the functional roles shown in Table E.3.

Table E.3 Road Categories from RNP

Road category	Functional role	Existing roads used by project
Freeways or motorways/arterial roads	Support major regional and inter-regional traffic movement. Freeways and motorways usual feature strict access controls via grade separated interchanges.	James Ruse Drive, Rosehill Silverwater Road, Ermington M4 Motorway, Lidcombe
Sub-arterial roads	Provide connection between arterial roads and local roads. May support arterial roads during peak period. May have been designed as local streets but can serve major traffic generating developments or support non-local traffic.	South Street, Rydalmere Boronia Street, Ermington Hope Street, Ermington Atkins Road, Ermington Wharf Road, Melrose Park Spurway Street, Ermington Hughes Avenue, Melrose Park Kevin Coombs Avenue, Sydney Olympic Park Old Hill Link, Sydney Olympic Park Macquarie Street, Parramatta
Local roads	Provide vehicular access to abutting property and surrounding streets. Provide a network for the movement of pedestrians and cyclists, and enable social interaction in a neighbourhood. Should connect ,where practicable, only to sub-arterial roads.	Grand Avenue, Camellia Holker Busway, Sydney Olympic Park Australia Avenue, Sydney Olympic Park Dawn Fraser Avenue, Sydney Olympic Park Uhrig Road, Lidcombe John Street, Rydalmere Fallon Street, Rydalmere Primrose Avenue, Rydalmere River Road, Ermington Hilder Road, Ermington

The application notes for the RNP state that *"for existing residences and other sensitive land uses affected by additional traffic on existing roads generated by land use developments, any increase in the total traffic noise level as a result of the development should be limited to 2 dB above that of the noise level without the development. This limit applies wherever the noise level without the development is within 2 dB of, or exceeds, the relevant day or night noise assessment criterion."*

If the road traffic noise increase from the construction work is within 2 dB of current levels then the objectives of the RNP are met and no specific mitigation measures are required. Mitigation should be applied when road traffic noise levels increase by 2 dB and the controlling noise criterion in Table E.4 are exceeded when assessed at the nearest façade of the residential dwelling.

Table E.4 Road traffic noise criteria, dBA

<table>
<tr><th>Development type</th><th>Day 7 am to 10 pm</th><th>Night 10 pm to 7 am</th></tr>
<tr><td>Existing residences affected by noise from new freeway/arterial/sub-arterial road corridors</td><td>55 Leq(15hr)</td><td>50 Leq(9hr)</td></tr>
<tr><td>Existing residence affected by additional traffic on arterial/sub-arterial/collector roads generated by land use developments</td><td>60 Leq(15hr)</td><td>55 Leq(9hr)</td></tr>
<tr><td>Existing residences affected by noise from new local road corridors</td><td rowspan="2">55 Leq(1hr)</td><td rowspan="2">50 Leq(1hr)</td></tr>
<tr><td>Existing residence affected by additional traffic on local roads generated by land use developments</td></tr>
</table>

E-2 Construction vibration objectives

The effects of vibration in buildings due to vibration intensive equipment associated with construction can be categorised by the following:

– human comfort impacts – occupants or users of a building and inconvenienced or disturbed
– building contents impacts – contents within a building may be affected
– cosmetic damage – the integrity of a building, structure or pipework may be compromised.

E-2-1 Human comfort objectives

Guidance for acceptable vibration levels for human comfort is based on *Assessing Vibration: A Technical Guideline* (AVTG) (DEC, 2006) which references *BS6472-1: Guide to Evaluation of Human Exposure to Vibration in Buildings (1 Hz to 80 Hz)* (British Standards, 1992).

AVTG provides three assessment methods, depending on whether the vibration source is continuous, impulsive or intermittent. These can be defined as:

– Continuous vibration – normally generated by fixed plant (such as generators and fans) where the vibration emissions could continue uninterrupted throughout the day and night periods.
– Impulsive vibration – normally generated by short duration (i.e. less than two second) events with no more than three occurrences in an assessment period (e.g. ground compaction by dropping a large mass).
– Intermittent vibration – normally generated by continuous vibration sources that may be interrupted (e.g. vibratory rolling, rock breaking and truck pass-bys) or continuous periods of impulsive vibration (e.g. impact piling). For intermittent vibration, human comfort levels are assessed on the basis of Vibration Dose Value (VDV) based on the level and duration of the vibration events.

For construction works related to the project, construction vibration is considered to be intermittent and assessed using VDV. The acceptable VDV values are shown in Table E.5.

Table E.5 Acceptable Vibration Does Values for Human Comfort (BS 6472-2008)

Receiver	Assessment Period	x, y and z axes	
		Preferred values	Maximum values
Critical areas	Day or night	0.10 $m/s^{1.75}$	0.20 $m/s^{1.75}$
Residential	Day	0.20 $m/s^{1.75}$	0.40 $m/s^{1.75}$
	Night	0.13 $m/s^{1.75}$	0.26 $m/s^{1.75}$
Offices, schools, educational institutes and places of worship	When in use	0.40 $m/s^{1.75}$	0.80 $m/s^{1.75}$
Workshops	When in use	0.80 $m/s^{1.75}$	1.60 $m/s^{1.75}$

E-2-2 Effects on building contents

People can perceive floor vibration at levels well below those likely to cause damage to contents within a building or affect their operation. For most receivers, the controlling vibration criterion is therefore the human comfort criterion and separate objectives are not normally required in relation to the effect of construction vibration on building contents.

For critical spaces such as recording studios, high-technology facility and building with scientific equipment (e.g. electron microscopes and microelectronics manufacturing equipment), vibration criteria can require more stringent objectives than those applicable to human comfort. Where appropriate, objectives for the satisfactory operation of critical instruments or manufacturing processes should be sourced from manufacturer's data and/or other published objectives.

No specific critical spaces have been identified within the study area for the project. Should sensitive and medical equipment be identified within the study area during the design development process, guidance should be sourced from manufacturer's data. Where manufacturer's data is not available, generic vibration curves (VC) curves as published in *Generic Vibration Criteria for Vibration-Sensitive* Equipment (Gordon, 1999) may be adopted as vibration objectives.

E-2-3 Cosmetic damage objectives

Reinforced and unreinforced structures

BS 7385-2:1993 Evaluation and measurement for vibration in buildings Part 2 – Guide to damage (British Standards, 1993) sets guide values for building vibration bases on the lowest vibration levels above chich damage has been credibly demonstrates. The use of BS7385- is the preferred standard in NSW to assess potential vibration impacts to standard structures and is consistent with the Transport for NSW noise and vibration guidelines.

The guide values from BS7385 for transient vibration to ensure minimal risk of cosmetic damage to residential and industrial buildings are presented in Table E.6.

Table E.6 Transient vibration guide values – minimal risk of cosmetic damage

Type of building	Peak Component Particle Velocity in Frequency Range of Predominant Pulse[1]	
	4 Hz to 15 Hz	15 Hz and above
Reinforced or framed structures industrial and heavy commercial building	50 mm/s at 4 Hz and above	
Unreinforced or light framed structures residential or light commercial type buildings[2]	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

Notes: 1. Values referred to are at the base of the building.
2. At frequencies below 4 Hz, a maximum displacement of 0.6 mm (zero to peak) should not be exceeded.

BS7385 also states that the guide values relate predominantly to transient vibration which does not give rise to resonant responses in structures, and to low-rise buildings. The standard states that '*where the dynamic loading caused by continuous vibration is such as to give rise to dynamic magnification due to resonance, especially at the lower frequencies where lower guide values apply, then the guide values in Table 16 may need to be reduced by up to 50%*'. Construction activities such as rock-breaking, hammering and piling have the potential to cause dynamic loading in some structures. As such, a conservative vibration damage screening level is given below:

– reinforced or framed structures: 25 mm/s
– unreinforced or light framed structures: 7.5 mm/s.

Where the predicted/measured vibration level exceeds the screening level above, further investigation should be undertaken on the building structure, vibration source, dominant frequencies and dynamic characteristics of the structures to determine an appropriate safe vibration management level.

Heritage items and structures

Heritage buildings and structures are assessed as per the screening vibration levels for reinforced and unreinforced buildings as heritage items should not be assumed to be more sensitive to vibration unless they are found to be structurally unsound. Subsequent to an inspection, if a heritage building or structure is found to be structurally unsound a conservative cosmetic damage objective of 2.5 mm/s peak particle velocity level would be considered (based on German Standard *DIN 4150-3 Structural Vibration – Part 3: Effects of vibration on structure* (German Standards, 1999)).

Buried pipework

BS7385 notes that structures below ground are known to sustain higher levels of vibration and are very resistant to damage unless in very poor condition. Guidance can also be taken from DIN 4150-3 which sets out guideline values for vibration in terms of PPV to be used when assessing the effects of vibration on buried pipework as shown in Table E.7.

Table E.7 Guideline values for short-term vibration on buried pipework

Pipe material	Guideline values for velocity measured on pipe in mm/s, PPV
Steel (including welded pipes)	100
Clay, concrete, reinforced concrete, pre-stressed concrete, metal (with or without flange)	80
Masonry, plastic	50

E-3 Operational noise and vibration

E-3-1 Airborne noise from the light rail track

A summary of the operational noise trigger levels for the assessment of the light rail vehicles and applicable to the Parramatta Light Rail Stage 2 study area are presented in the Table E.8 and are based on the RING.

Table E.8 Airborne light rail vehicle noise trigger levels

Sensitive land use	Day	Night
Residential, mixed-use developments and hotels[1]	60 $L_{Aeq(15\ hour)}$ **and** 80 L_{Amax}	50 $L_{Aeq(9\ hour)}$ **and** 80 L_{Amax}
Schools, educational institutions and child care centres	40 $L_{Aeq(1hour)}$ internal or 50 $L_{Aeq(1hour)}$ external (when in use)	
Places of worship	40 $L_{Aeq(1hour)}$ internal or 50 $L_{Aeq(1hour)}$ external (when in use)	
Open space – passive use	60 $L_{Aeq(1hour)}$ external (when in use)	
Open space – active use	65 $L_{Aeq(1hour)}$ external (when in use)	
Other commercial (public buildings, exhibition areas, café, bar, retail, offices and restaurant)[2]	40 $L_{Aeq(1hour)}$ internal or 60 $L_{Aeq(1hour)}$ external (when in use) (Adopted noise goal only – not considered noise sensitive in the RING)	

Notes:
1. The residential noise trigger levels have been assumed for mixed-use developments and hotels. It is assumed that there may be habitable areas on the ground floor of mixed-use developments and hotels as a worst-case. Where this level is exceeded, further investigation has been undertaken to determine which floor and façade may include habitable areas.
2. A 10 dB inside to outside transfer function has been assumed to account for noise through an open window.
3. Internal noise trigger level is based on the minimum design sound level range for general office areas, coffee shops, restaurants and exhibition areas in AS2107 Acoustics – Recommended design sound levels and reverberations times for building interiors as screening assessment. A 20 dB inside to outside transfer function has been assumed to account for a closed window with gaps using standard construction. Where this level is exceeded, further investigation has been undertaken to determine the type of occupancy and the likely construction of the building facade.

The following additional notes are provided based on guidance from the RING:

- Specified noise trigger levels refer to noise from rail transportation only and do not include ambient noise from other sources.
- Noise levels at residences at assessed one metre in front of the most-affected building façade and should include a +2.5 dB correction in the modelling to account for reflection from the building façade.
- L_{Amax} refers to the maximum noise level not exceeded for 95 per cent of rail pass-by events and is measured using the 'fast' response setting on a sound-level meter. The purpose of the L_{Amax} trigger levels is to cap the potential noise impacts associated with individual pass-by events. For projects where different types of rolling stock would be used (e.g. freight and passenger operations), the L_{Amax} noise level should be reported separately for each type of rolling stock and compared with the L_{Amax} (95 per cent) trigger levels.
- The L_{Amax} noise triggers in the RING apply to noise and safety devices such as horns and bells at level crossings where there is a normal part of operational noise. For Parramatta Light Rail Stage 2, warning bells would only be used in case of an emergency and are not considered part of normal operations. As such, have not been considered in the operational noise modelling and assessment.

E-3-2 Airborne noise from substations, stabling and maintenance facility and light rail stops

Noise trigger levels have been established based on the *Noise Policy for Industry* (EPA, 2017) to assess potential impacts from fixed facilities associated with Parramatta Light Rail Stage 2. For residential receivers, the project noise trigger level is based on the lower of the 'intrusiveness' noise levels and the 'project amenity' noise levels. For other sensitive receivers, the project noise trigger level is based on the project amenity noise level only.

Where there is a risk of sleep disturbance impacts due to maximum noise level events, sleep disturbance is assessed against the screening criterion in the NPfI.

Intrusiveness noise level

The intrusiveness noise level is determined by a 5 dB addition to the RBL with a minimum intrusiveness noise level of 35 dBA for the evening and night period and 40 dBA for the day period. The NPfI recommends that the intrusiveness noise level for the evening and day period should not exceed the daytime period. The intrusiveness noise levels are only applicable to residential receivers.

Recommended amenity noise level

The recommended amenity noise level applies to all industrial noise in the area which when combined should remain below the recommended amenity noise level. The recommended amenity noise level represents the total industrial noise at a receiver location and a Project Amenity Noise Level is set at 5 dB below the recommended amenity noise level.

Residential receiver areas are characterised into 'urban', 'suburban', 'rural' or other categories based on land uses and the existing level of noise from industry and road traffic.

Sleep disturbance screening criterion

To assess sleep disturbance the NPfI recommends the following screening criteria, assessed externally at the nearest residential location.

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

As the intrusiveness noise levels are at or above $L_{Aeq(15min)}$ 40 dBA at all residences, sleep disturbance has been assessed against the L_{AFmax} screening criteria. Should maximum noise level events during operation exceed the screening criteria, a detailed maximum noise assessment should be undertaken.

It is not expected that maximum noise events would occur at traction power substations, as such no further assessment of sleep disturbance impacts due to noise from substations has been provided.

Effects of changing land use

When land uses in an area are undergoing significant change, for example, the industrial area in Camellia changing to a mixed-used town centre including residential area, the background noise levels would be expected to change, sometimes significantly. The impact of noise from an existing industry, such as the stabling and maintenance facility, on a proposed new residential area should be made using the recommended amenity noise level for the residential land use, not the project intrusiveness noise level.

Where impacts exceed the amenity noise level, consideration should be given to how these impacts can be avoided or mitigated, such as modifying the location of the proposed residential development, placing screening land uses in-between the proposed residences and existing industry, or ensuring residences are built in a manner that provides acceptable indoor noise amenity.

Project noise trigger levels

A summary of the project noise trigger levels for sensitive receivers are presented in the Table E.9 (substations), Table E.10 (light rail stops), Table E.11 (stabling and maintenance facility).

For a residence, the project noise trigger level and maximum noise levels are to be assessed at the reasonably most-affected point on or within the residential property boundary or, if that is more than 30 metres from the residence, at the reasonably most affected point within 30 metres of the residence, but not closer than three metres to a reflective surface and at a height of between 1.2 -1.5 metres above ground level.

In assessing amenity noise levels at commercial or industrial premises, the noise level is to be assessed at the reasonably most-affected point on or within the property boundary.

For the purposes of assessment to standardise the approach the NPfI recommends that the $L_{Aeq(15min)} = L_{Aeq(period)} +$ 3 dB unless an alternative approach can be justified.

The applicability of the NPfI project noise trigger levels are summarised below:

- traction power substations (TPS) – lower of the intrusiveness and amenity noise level
- light rail stops – intrusiveness noise level only (PA noise would by intermittent not cause background noise creep)
- stabling and maintenance facility – project noise trigger levels derived from the Stage 1 noise goals.

Table E.9 NPfI project noise trigger levels – residences near traction power substations, dBA

TPS ref.	Suburb	NCA	Receiver type	RBL (night)	$L_{Aeq(15min)}$ Intrusiveness noise level (RBL + 5 dB)	$L_{Aeq(night)}$ amenity noise level	$L_{Aeq(15min)}$ Project amenity noise level	$L_{Aeq(15min}$ Project noise trigger level
TPS-A	Camellia	C	Urban	-	-	45	40	43
TPS-B	Rydalmere	E	Suburban	33	38	40	38	38
TPS-C	Ermington	J	Suburban	36	41	40	38	38
TPS-D	Sydney Olympic Park	M	Suburban	36	41	40	38	38
TPS-E	Lidcombe (Carter Street)	R	Urban	45	50	45	43	43

Table E.10 NPfI project noise trigger levels – residences near light rail stops, dBA

Light rail stop	Suburb	NCA	RBL (night)	$L_{Aeq(15min}$ Intrusiveness noise level (RBL + 5 dB)	L_{AFmax} sleep disturbance screening criterion
Sandown Boulevard	Camellia	C	47	52	62
John Street	Rydalmere	E	33	38	52
Nowill Street	Rydalmere	F	36	41	52
River Road	Ermington	H	36	41	52
Murdoch Street	Ermington	I	35	40	52
Atkins Road and Melrose Park	Ermington	J	36	41	52
Waratah Street	Melrose Park	K	32	37	52
Footbridge Boulevard and Hill Road	Wentworth Point	M	36	41	52
Holker Street	Sydney Olympic Park	P	39	44	54
Jacaranda Square and Olympic Boulevard	Sydney Olympic Park	Q	41	46	56
Carter Street	Lidcombe	R	45	50	60

Table E.11 NPfI project noise trigger levels – sensitive receivers near stabling and maintenance facility, dBA

Suburb/NCA	Receiver type	Project noise trigger level	L_{AFmax} sleep disturbance
Rosehill – Camellia (NCA-A)	Urban residential	52 $L_{Aeq(15min)}$ Day	
		48 $L_{Aeq(15min)}$ Evening	
		46 $L_{Aeq(15min)}$ Night	56
Camellia town centre (NCA-C)	Urban residential	58 $L_{Aeq(15min)}$ Day	-
		48 $L_{Aeq(15min)}$ Evening	-
		43 $L_{Aeq(15min)}$ Night	53
Camellia (NCA-C)	Commercial receivers	65 $L_{Aeq(15min)}$	-
	Industrial receivers	68 $L_{Aeq(15min)}$	-
	Educational receivers	38 (internal) $L_{Aeq(1hr)}$	-

E-3-3 Ground-borne noise and vibration

Human comfort

The RING refers to *Assessing vibration: A technical guideline* (AVTG) (DEC, 2006) for applicable vibration criteria relevant to train operations. The AVTG provides vibration criteria that, if exceeded, have the potential to adversely affect the amenity of occupants inside buildings as it may affect their quality of life or working efficiency.

Human comfort impacts are experienced at levels well below those that can damage or affect a structure and its contents. The preferred and maximum values recommended by the AVTG are expressed in terms of the cumulative vibration dose value (VDV) and provided in the table below. The estimated VDV (eVDV) calculation methodology outlined in AVTG is considered appropriate for vibration sources with crest factors less than six (such as light rail vehicles) and has been used for comparison against the criteria.

The ‘preferred values’ for intermittent vibration from AVTG are recommended as trigger levels by the RING for the purposes of initiating an assessment of feasible and reasonable mitigation measures. These values are shown in Table E.12.

Table E.12 Human comfort intermittent vibration limits

Receiver type	Period	Intermittent vibration dose value ($m/s^{1.75}$)	
		Preferred value	Maximum value
Residential	Day (7.00 am and 10.00 pm)	0.2	0.4
	Night (10.00 pm and 7.00 am)	0.13	0.26
Offices, schools, educational institutes, and places of worship	When in use	0.4	0.8
Workshops	When in use	0.8	1.6

Structural damage

Vibration transmission through the ground can cause a structure or structure coupled elements (walls, windows) to radiate. The transmitted vibration energy has the potential to damage and compromise the integrity of a structure as well as increase the risk of damage to building contents.

Structural damage criteria are significantly higher than those typically felt by humans. While there are no current Australian Standards that set criteria for the assessment of building damage caused by vibration, guidance on limiting values can be found in international standards such as:

– British Standard BS 7385-Part 2:1993 Evaluation and measurement for vibration in buildings; and
– German Standard DIN 4150-3:1999 Structural Vibration Part 3: Effects of vibration on structures.

These standards have been referenced in other large infrastructure projects in Australia.

The British Standard provides peak vibration velocities of 15-50 mm/s for cosmetic damage to typical residential structures while the German standard provides a range from 3 mm/s to 10 mm/s for sensitive structures such as heritage listed buildings.

The light rail vehicle source vibration levels (refer to Section 4.2.4 and Appendix C-4) are significantly lower than the structural damage criteria. Therefore, structural damage impacts from light rail vehicle operations are not expected and are not discussed further.

Vibration sensitive equipment

For particularly vibration sensitive equipment such as research and computer equipment, the criteria outlined in the table below are likely to be non-conservative. *ASHRAE Handbook Chapter 48 Sound and Vibration Control* provides criteria for sensitive equipment, noting that specific values from equipment manufacturers should be sought where possible. The ASHRAE criteria for vibration sensitive equipment over the frequency range of 8 to 80 Hz can be summarised in Table E.13.

Table E.13 Adopted vibration criteria for sensitive equipment (Source: ASHRAE)

Equipment type	Adopted criteria
Computer equipment, probe test equipment and microscopes less than 40x.	200 μm/s
Bench microscopes up to 100x magnification, laboratory robots.	100 μm/s
Bench microscopes up to 400× magnification; optical and other precision balances; coordinate measuring machines; metrology laboratories; optical comparators; microelectronics manufacturing equipment; proximity and projection aligners, etc.	50 μm/s
Microsurgery, eye surgery, neurosurgery; bench microscopes at magnification greater than 400×; optical equipment on isolation tables; microelectronic manufacturing equipment, such as inspection and lithography equipment (including steppers) to 3 mm line widths.	25 μm/s
Electron microscopes up to 30,000× magnification; microtomes; magnetic resonance imagers; microelectronics manufacturing equipment, such as lithography and inspection equipment to 1 mm detail size.	12.5 μm/s

Equipment type	Adopted criteria
Electron microscopes at magnification greater than 30,000×; mass spectrometers; cell implant equipment; microelectronics manufacturing equipment, such as aligners, steppers, and other critical equipment for photolithography with line widths of 1/2 μm; includes electron beam systems.	6 μm/s
Unisolated laser and optical research systems; microelectronics manufacturing equipment, such as aligners, steppers, and other critical equipment for photolithography with line widths of 1/4 μm; includes electron beam systems.	3 μm/s

Details regarding the presence of sensitive equipment at individual sensitive receivers is unknown at this stage of the design development process. Predicted maximum peak vibration velocities (and eVDV values) in each NCA are provided in Section 4.2.5.

Ground-borne noise targets

Operational ground-borne noise is assessed in accordance with the RING. The ground-borne noise trigger levels are provided in Table E.14. As the proposed development in a new rail line, the absolute levels in Table E.14 are applicable to the project.

The RING notes that the above trigger levels are *"relevant only where ground-borne noise levels are audible and are of a higher level than airborne noise levels from rail operations"*. Other receivers sensitive to ground-borne noise such as theatres or medical facilities have not been identified in the study area.

Table E.14 Ground-borne noise trigger levels

Sensitive land use	Time of day	Internal noise trigger levels, dBA
	Development increases existing rail noise by 3 dB or more ***and*** resulting rail noise level exceeds:	
Residential	Day (7am-10pm)	40 L_{ASmax}
	Night (10pm-7am)	35 L_{ASmax}
Schools, educational institutes, places of worship	When in use	40–45 L_{ASmax}

E-4 Road traffic noise

E-4-1 During operation

In locations where a development has the potential to result in an increase in road traffic noise levels, the impacts on sensitive receivers are required to be assessed under the NSW EPA 'Road Noise Policy' (RNP).

The application notes for the RNP state that "*for existing residences and other sensitive land uses affected by additional traffic on existing roads generated by land use developments, any increase in the total traffic noise level as a result of the development should be limited to 2 dB above that of the noise level without the development. This limit applies wherever the noise level without the development is within 2 dB of, or exceeds, the relevant day or night noise assessment criterion*."

The RNP notes that an increase of 2 dB (build scenario compared to the no-build scenario) represents a minor impact that is considered barely perceptible to the average person. Should an increase in road traffic noise levels be predicted to be greater than 2 dB, traffic noise levels should be assessed against the road traffic noise criteria presented in Table E.15 and mitigation strategies should be investigated to reduce potential noise impacts.

Table E.15 Road traffic noise criteria, dBA

Development type	Day 7 am to 10 pm	Night 10 pm to 7 am
Existing residence affected by **additional traffic** on existing freeways/arterial/sub-arterial roads generated by land use developments	60 Leq(15hr)	55 Leq(9hr)
Existing residence affected by **additional traffic** on existing local roads generated by land use developments	55 Leq(1hr)	50 Leq(1hr)

E-4-2 Sleep disturbance screening assessment

The *Road Noise Policy* provides a literature review for the assessment of sleep arousal due to traffic noise however does not set a sleep disturbance assessment criterion. Sleep disturbance impacts are likely to be dependent on the following:

– maximum noise level of an event
– number of occurrences
– duration of the event
– level above background or ambient noise levels.

The *Environmental Noise Management Manual* (ENMM) (RTA, 2001) recommends that an assessment of maximum noise levels should include a calculation of the maximum noise levels, the extent to which the maximum noise levels for individual vehicle pass-bys exceed the L_{Aeq} for each hour of the night, and the number of maximum noise events. Additionally, the ENMM advises that the maximum noise level can be used as a tool to prioritise and rank mitigation strategies, however, should not be applied as a decisive noise criterion for selection of mitigation treatments.

At locations where road traffic is continuous rather than intermittent, the $L_{Aeq(9hr)\ (night)}$ target noise levels should sufficiently account for sleep disturbance impacts. However, where the emergence of L_{Amax} over the ambient $_{LAeq}$ is equal to or greater than 15 dB, the $L_{Aeq(9hr)}$ criteria may not sufficiently account for sleep disturbance impacts. In this case a maximum noise event is defined as any pass-by for which the L_{Amax} noise level exceeds $L_{Aeq\ (1hr)}$ noise level by more than 15 dB and where the L_{Amax} noise level is greater than 65 dBA.

E-4-3 During construction

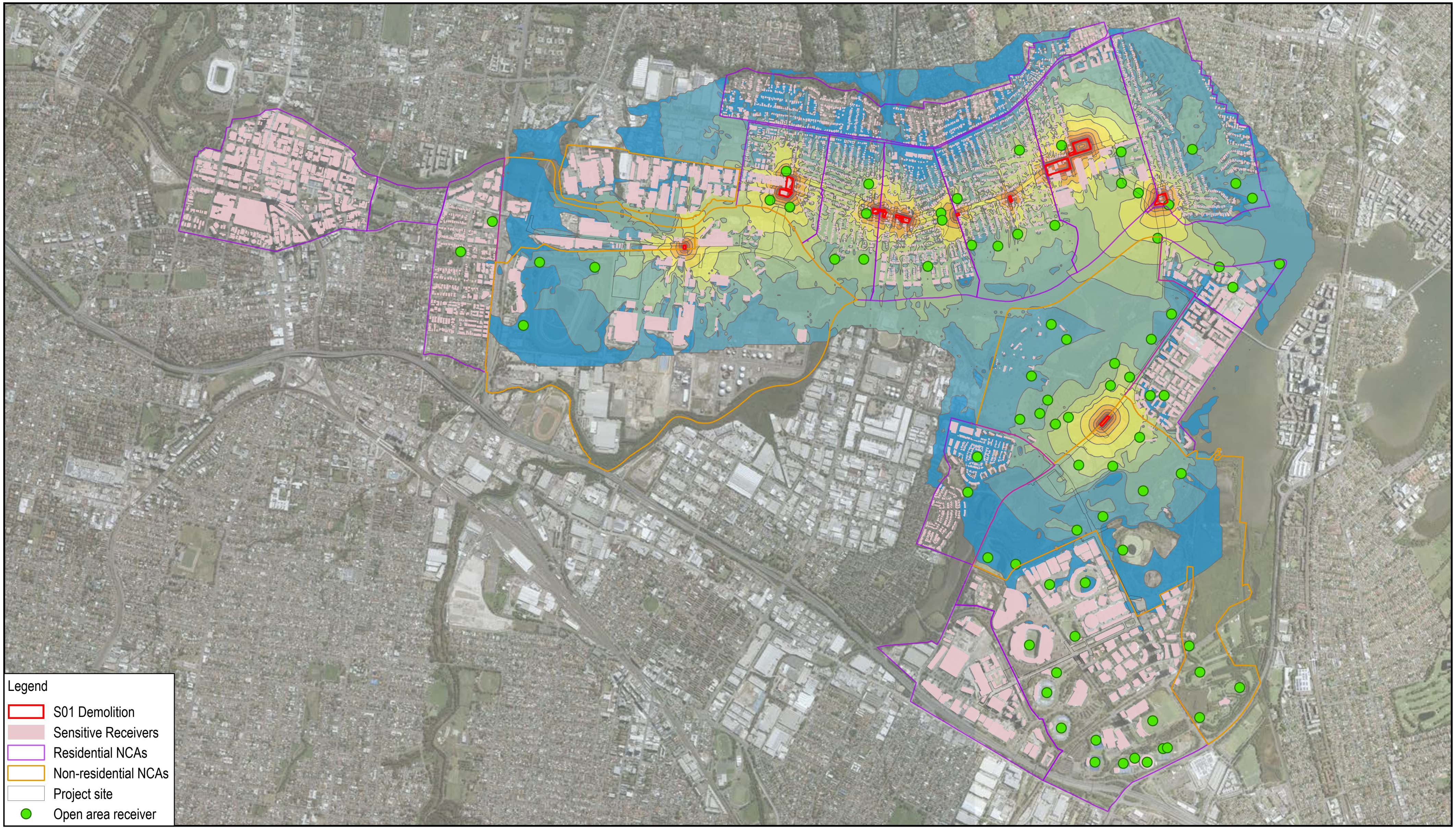
During the construction phase of the project, additional traffic on public roads should be also assessed against the requirements of the RNP. Road traffic noise levels during construction should be compared against road traffic noise levels prior to the construction phase and where a 2 dB increase is predicted, traffic noise levels should be assessed against the controlling road traffic noise criteria in the table above.

Mitigation options for construction vehicle related traffic is limited because the proponent generally has no control over public roads. As such, where impacts are anticipated to occur for less than one year, standard noise mitigation options should be considered and where impacts are anticipated to occur for more than a year, there should be further investigation into potential noise mitigation strategies.

Appendix F

Construction noise and vibration results

F-1 Construction noise contours, $L_{Aeq\ (15\ min)}$ dBA



Noise contours, LAeq (15min) dBA

35	55	75
40	60	80
45	65	85
50	70	90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

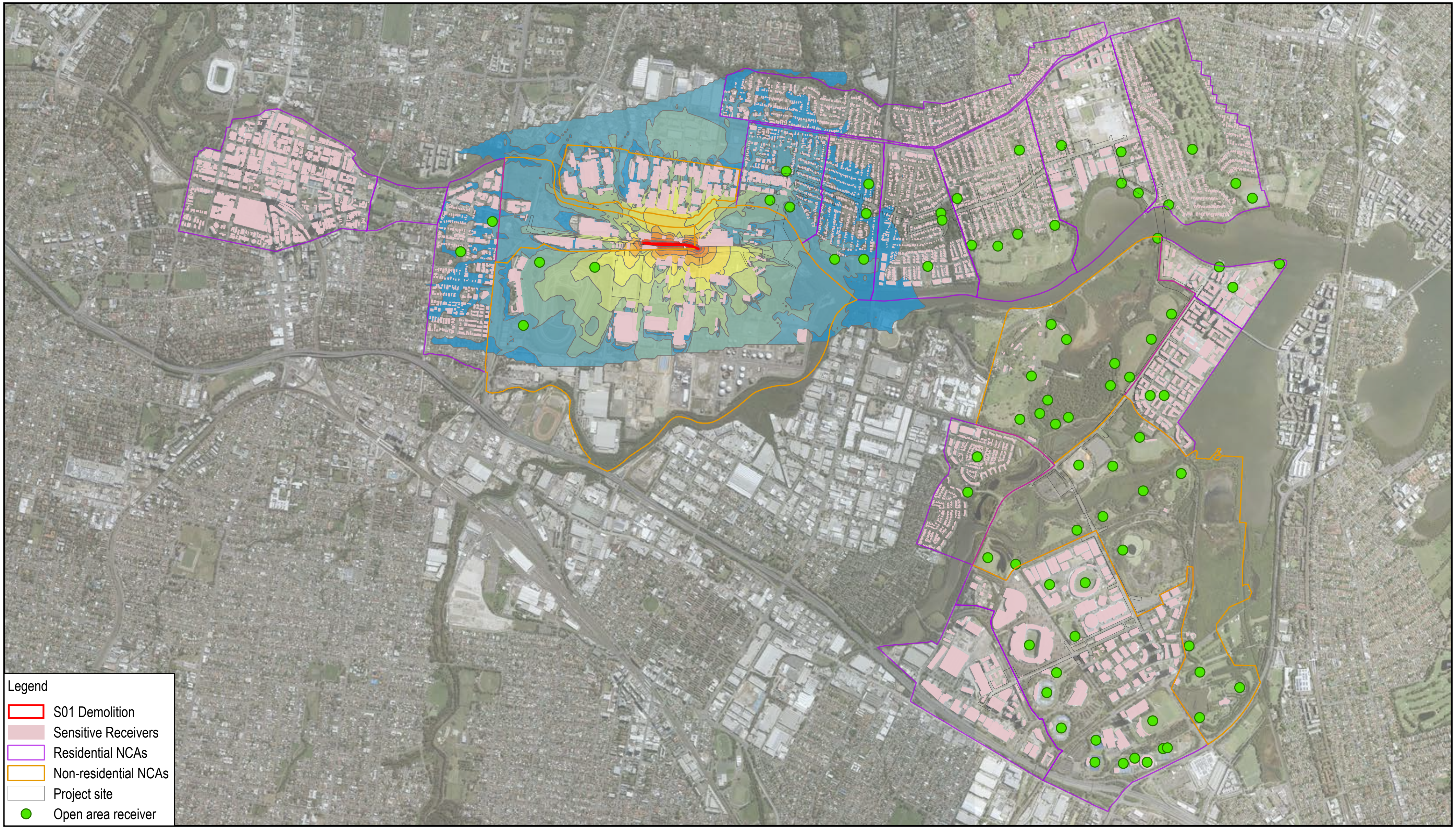
Construction noise contour, LAeq(15 min) dBA [S01 - Demolition works]

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE F-1

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S0102_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:11

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq (15min) dBA

35	55	75
40	60	80
45	65	85
50	70	90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Construction noise contour, LAeq(15 min) dBA [S01 - Demolition of the Sandown Line]

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE F-2

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S0103_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:17

Data source: Metromap Tile Service: . Created by: lmanasan

Noise contours, LAeq (15min) dBA

35	55	75
40	60	80
45	65	85
50	70	90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Construction noise contour,
LAeq(15 min) dBA
[S02 - Construction compounds]

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE F-3

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S02_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:27

Data source: Metromap Tile Service: . Created by: lmanasan

Noise contours, LAeq (15min) dBA

35	55	75
40	60	80
45	65	85
50	70	90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Construction noise contour, LAeq(15 min) dBA [S03 -Recycling of spoil and ballast]

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE F-4

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S03_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:17

Data source: Metromap Tile Service: . Created by: lmanasan

Noise contours, LAeq (15min) dBA

35	55	75
40	60	80
45	65	85
50	70	90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

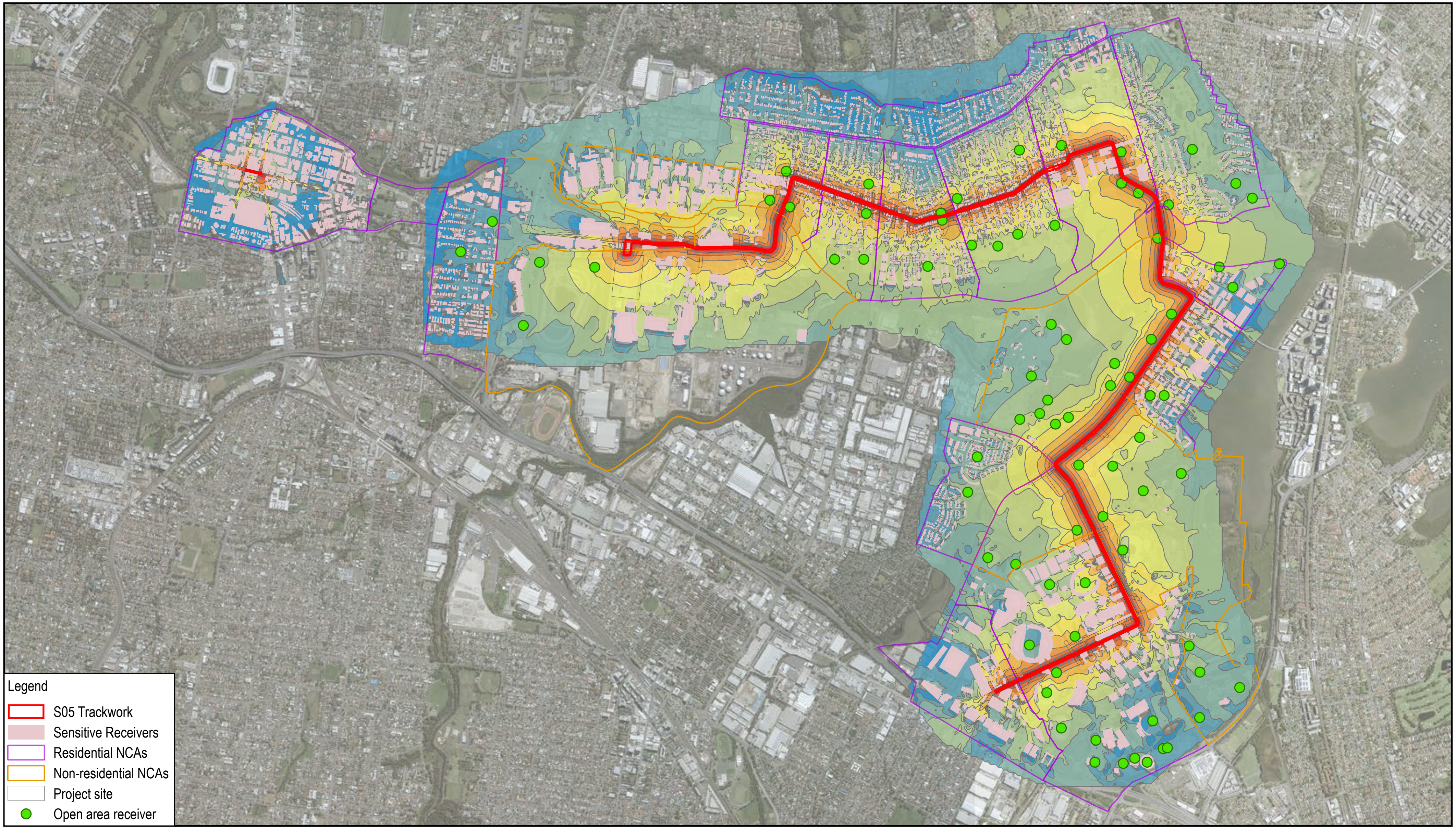
Construction noise contour, LAeq(15 min) dBA [S04 - Construction substations]

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE F-5

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S04_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:11

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq (15min) dBA

35	55	75
40	60	80
45	65	85
50	70	90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

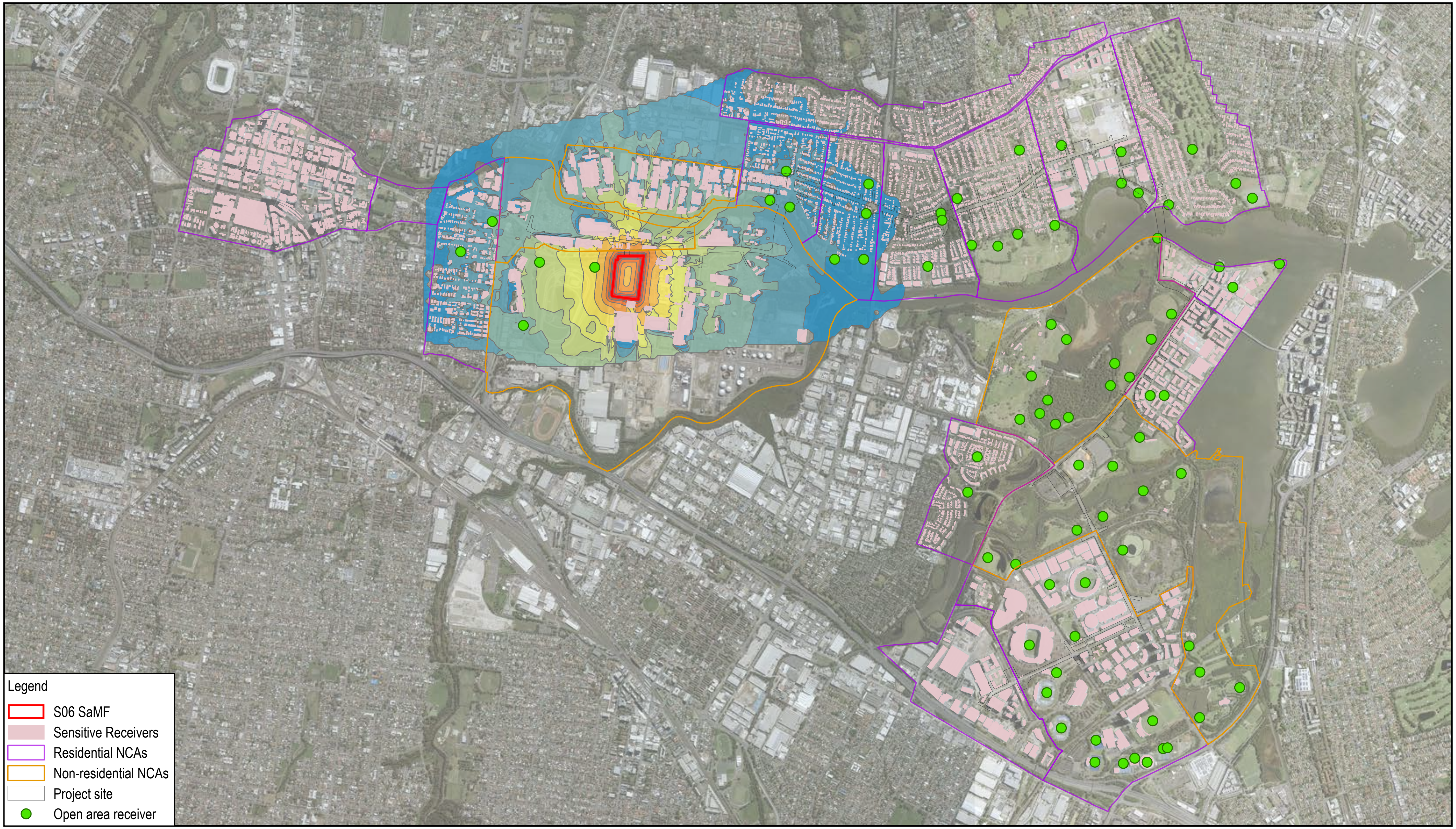
Construction noise contour, LAeq(15 min) dBA [S05 -Trackworks]

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE F-6

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S05_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:11

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq (15min) dBA

35	55	75
40	60	80
45	65	85
50	70	90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

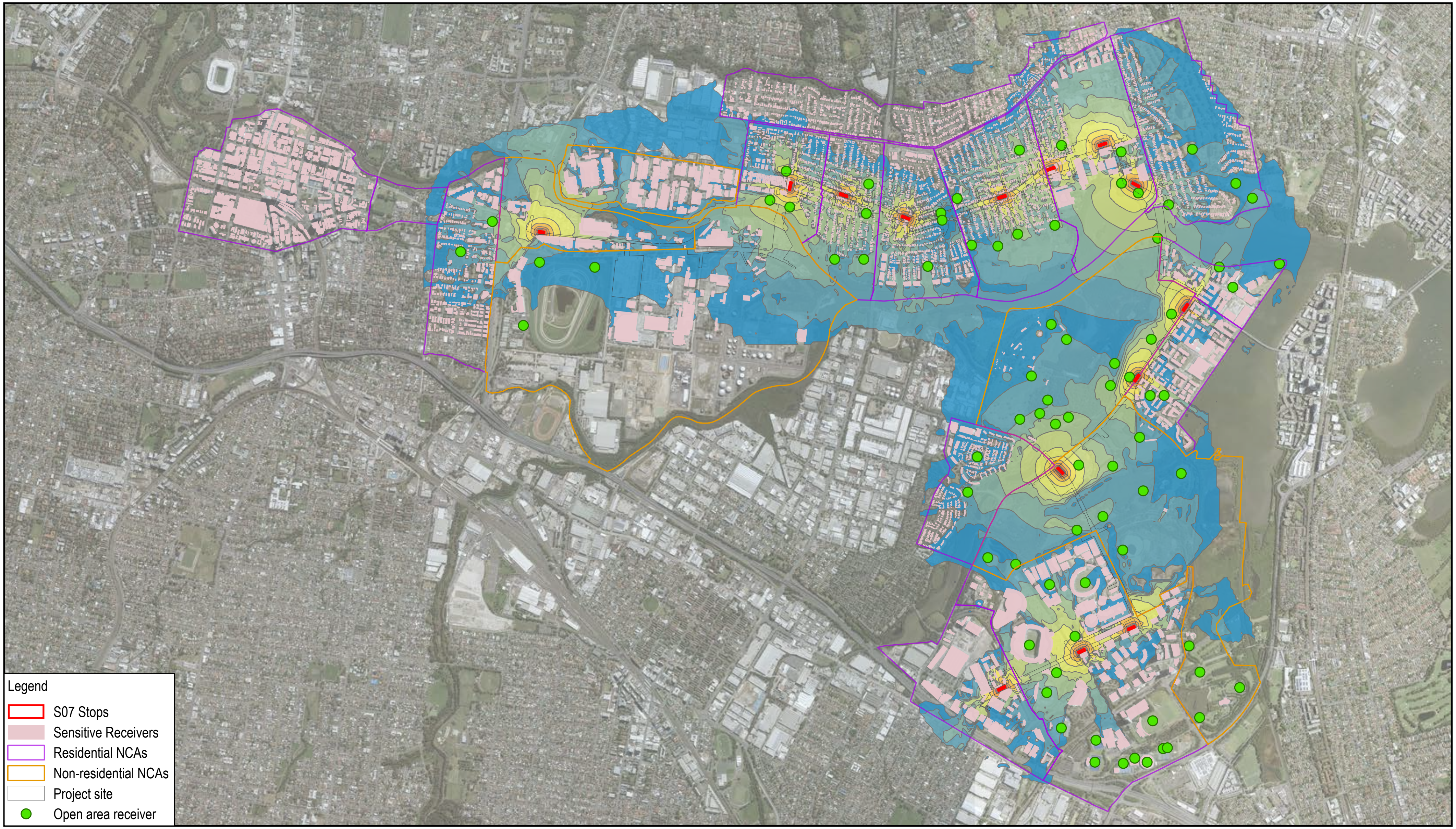
Construction noise contour,
LAeq(15 min) dBA
[S06 - Modifications to the Camellia SaMF]

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE F-7

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S06_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:18

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq (15min) dBA

35
40
45
50
55
60
65
70
75
80
85
90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

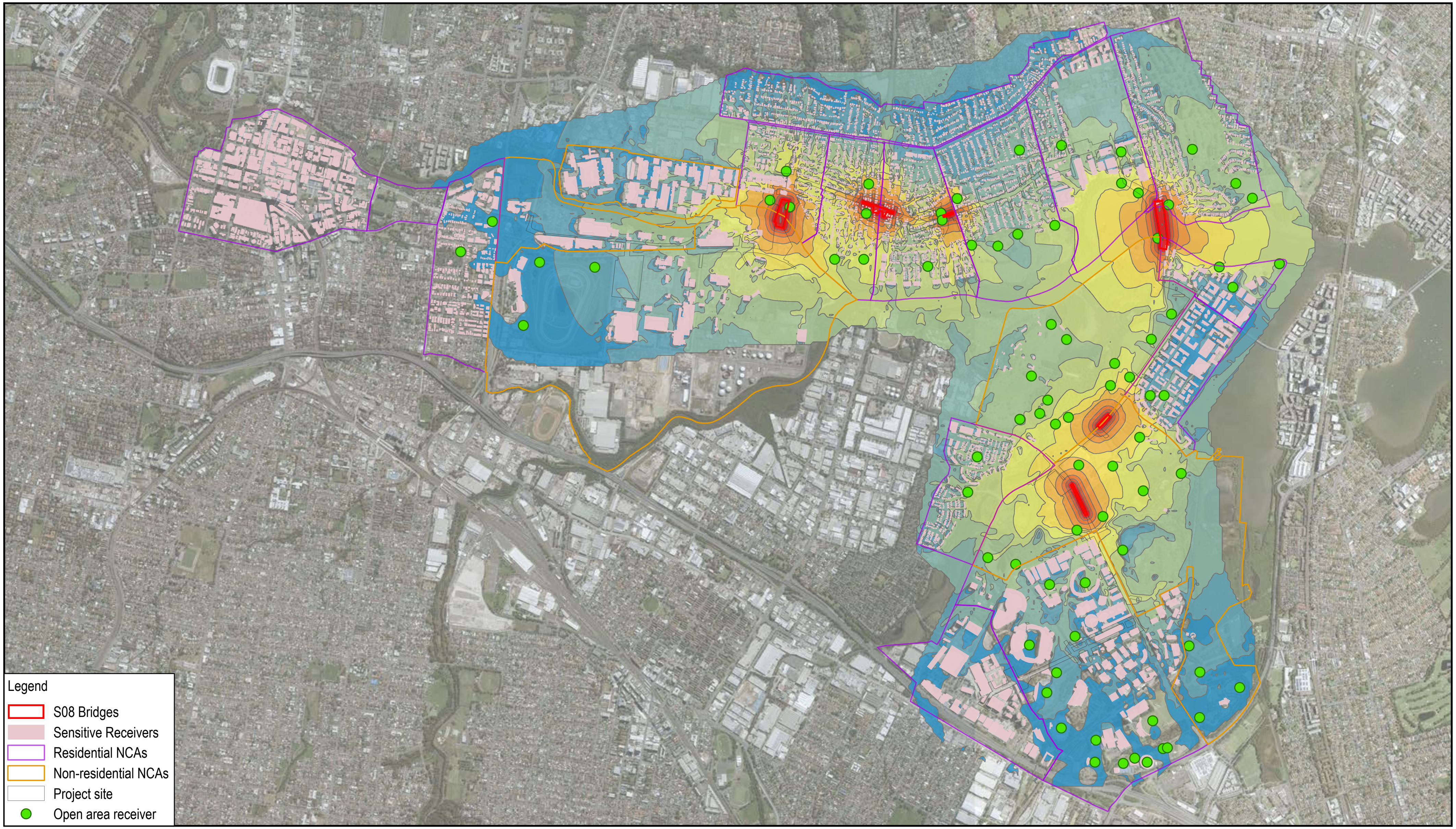
Construction noise contour,
LAeq(15 min) dBA
[S07 - Construction of stops]

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE F-8

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S07_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:11

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq (15min) dBA

35	55	75
40	60	80
45	65	85
50	70	90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

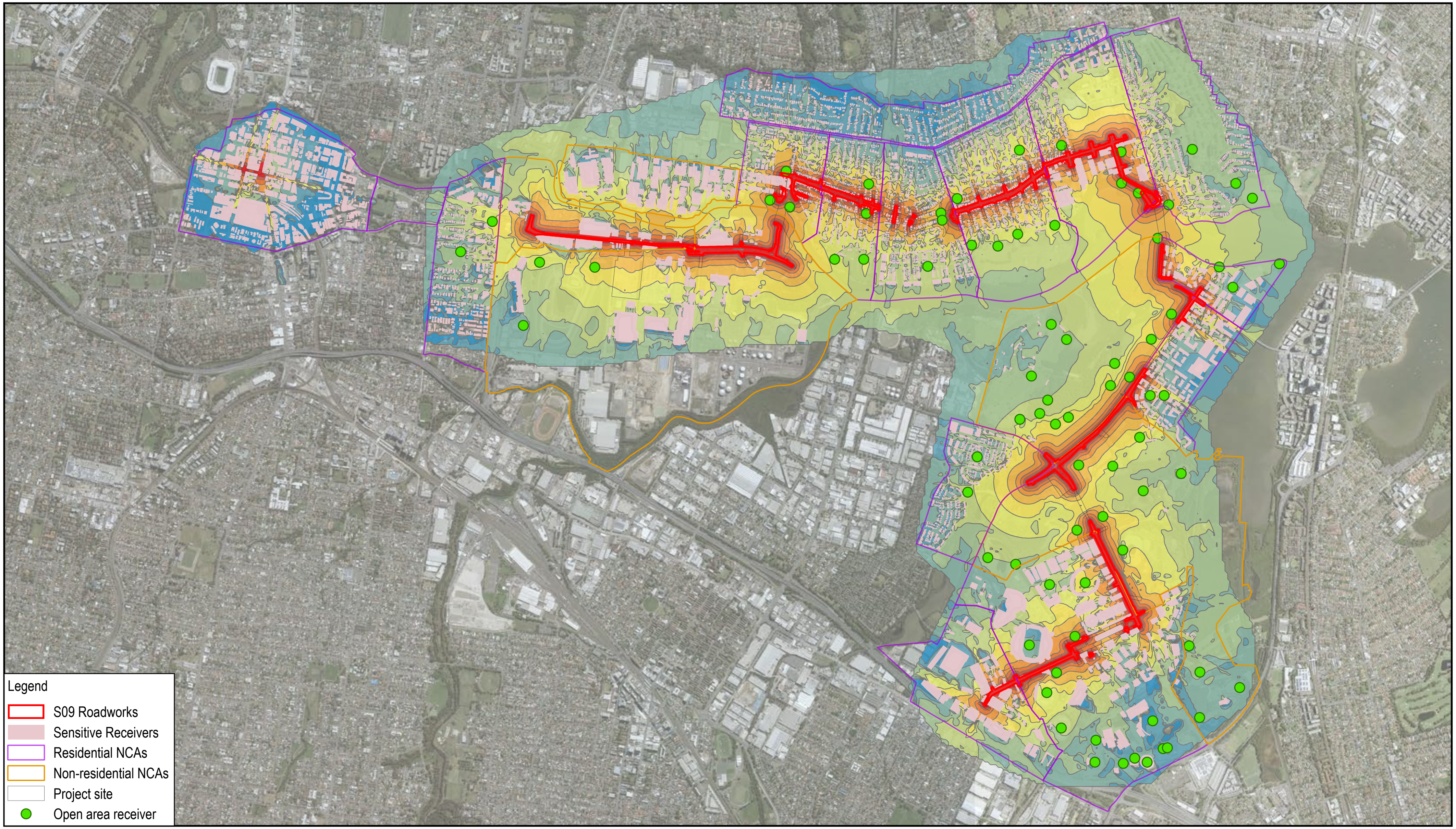
Construction noise contour,
LAeq(15 min) dBA
[S08 - Construction of bridges]

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE F-9

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S08_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:11

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq (15min) dBA

35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90

Paper Size ISO A4

0 550 1,100

Meters

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Construction noise contour, LAeq(15 min) dBA [S09 - Off corridor roadworks]

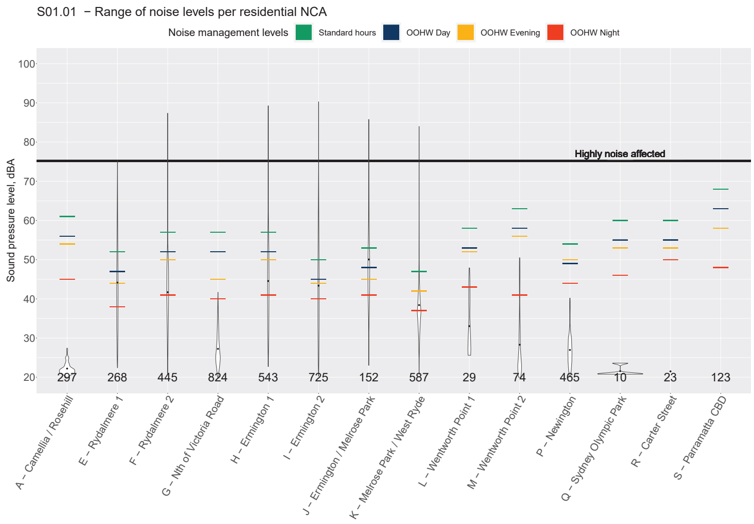
Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

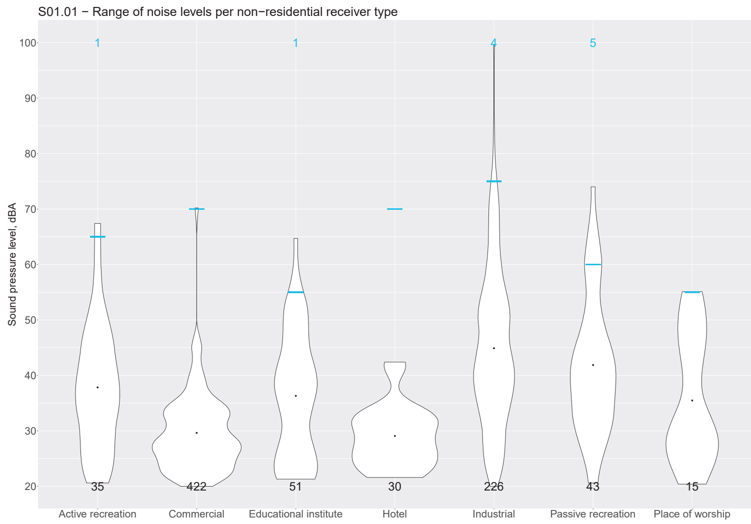
FIGURE F-10

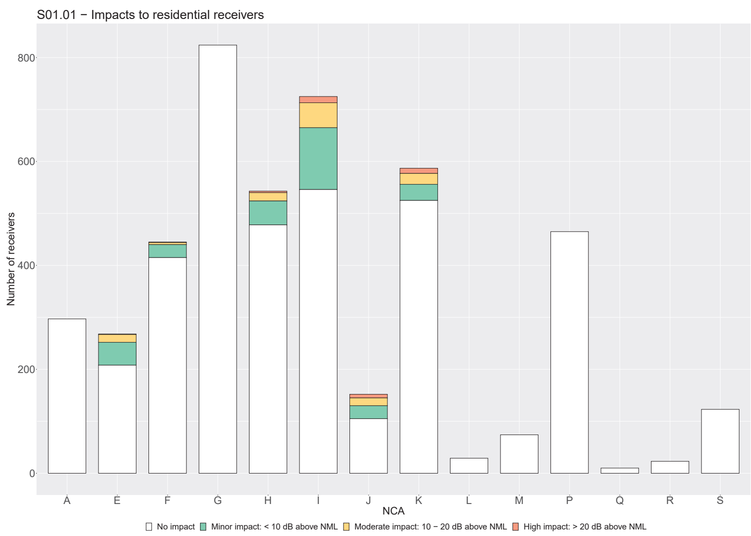
N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx\12557728_NSE022_ApxF_S09_ConstructionNoiseContour
Print date: 28 Jun 2022 - 19:11

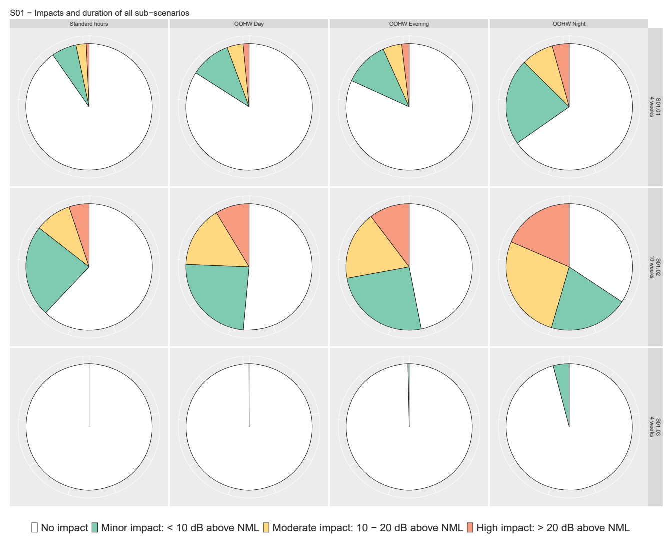
Data source: Metromap Tile Service: . Created by: lmanasan

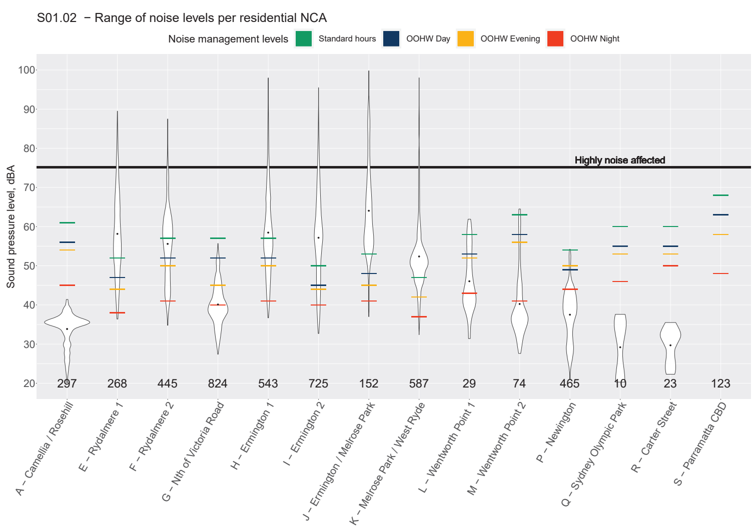
F-2 Construction noise result charts

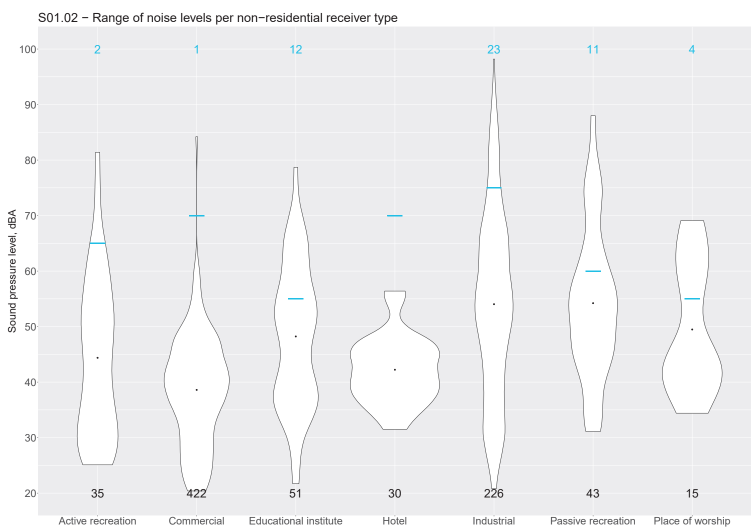

S01.01 − Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Highly noise affected
Sound pressure level, dBA
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A − Camellia / Rosehill
E − Rydalmere 1
F − Rydalmere 2
G − Nth of Victoria Road
H − Ermington 1
I − Ermington 2
J − Ermington / Melrose Park
K − Melrose Park / West Ryde
L − Wentworth Point 1
M − Wentworth Point 2
P − Newington
Q − Sydney Olympic Park
R − Carter Street
S − Parramatta CBD


S01.01 − Range of noise levels per non−residential receiver type
Sound pressure level, dBA
1
1
4
5
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship

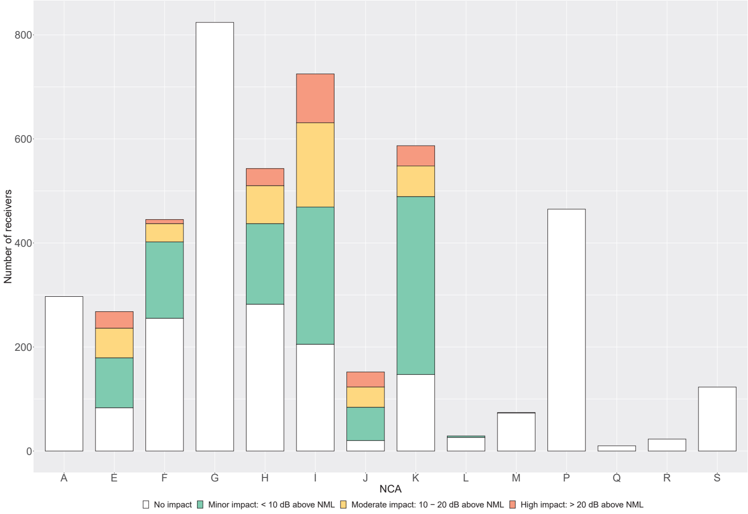

S01.01 − Impacts to residential receivers
Number of receivers
NCA
A
E
F
G
H
I
J
K
L
M
P
Q
R
S
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML


S01 − Impacts and duration of all sub−scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML

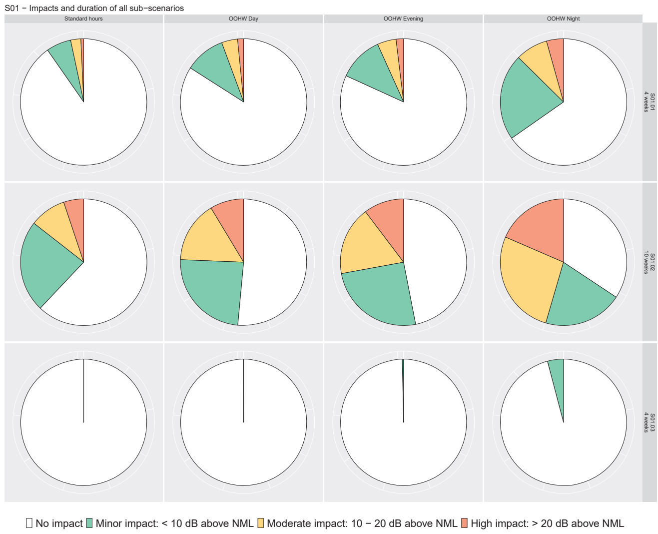

S01.02 − Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Highly noise affected
Sound pressure level, dBA
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A − Camellia / Rosehill
E − Rydalmere 1
F − Rydalmere 2
G − Nth of Victoria Road
H − Ermington 1
I − Ermington 2
J − Ermington / Melrose Park
K − Melrose Park / West Ryde
L − Wentworth Point 1
M − Wentworth Point 2
P − Newington
Q − Sydney Olympic Park
R − Carter Street
S − Parramatta CBD


S01.02 − Range of noise levels per non−residential receiver type
Sound pressure level, dBA
2
1
12
23
11
4
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship

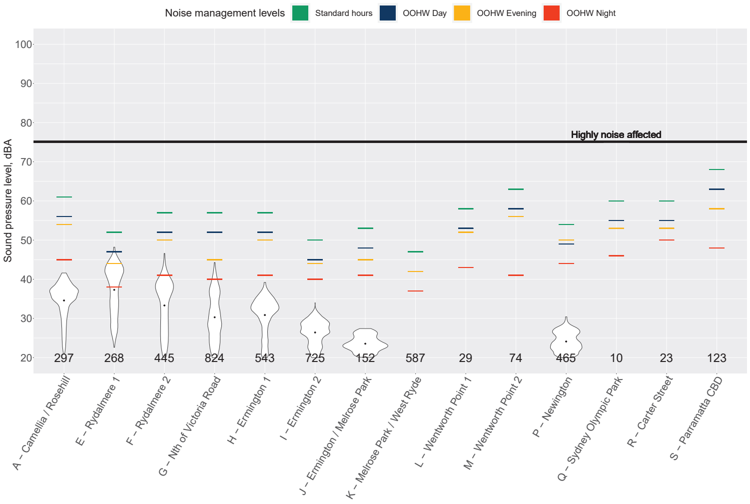
S01.02 – Impacts to residential receivers



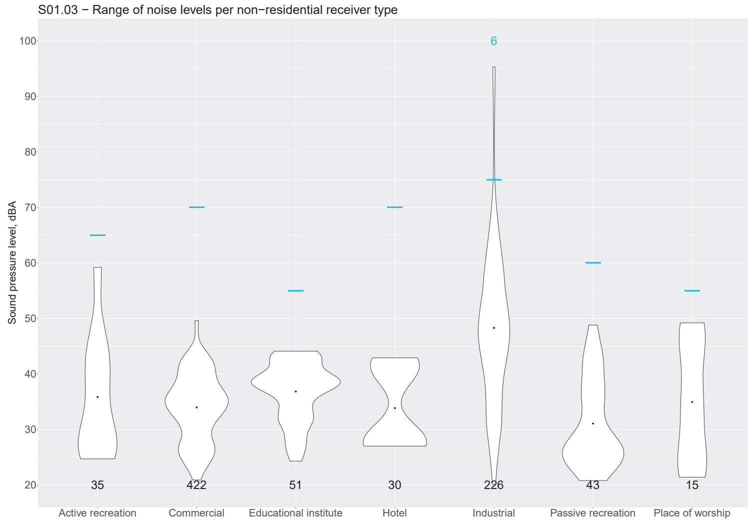
S01 – Impacts and duration of all sub-scenarios



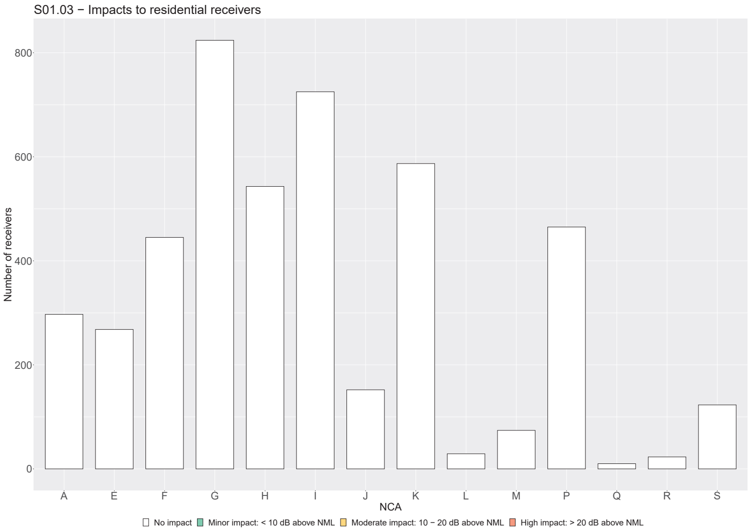
S01.03 – Range of noise levels per residential NCA



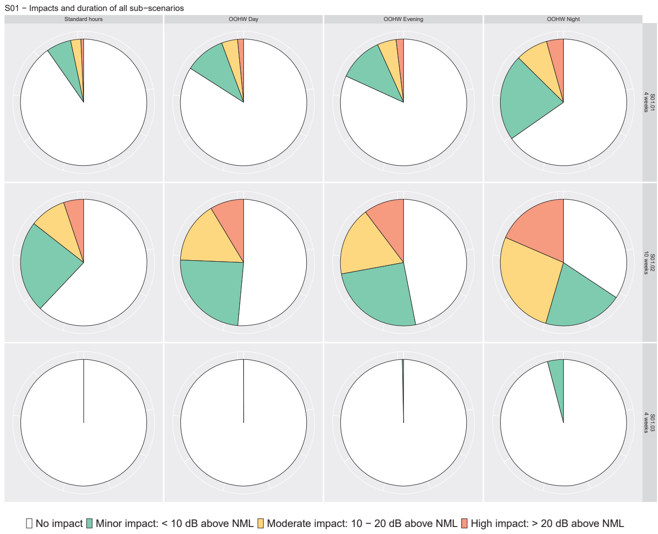
S01.03 – Range of noise levels per non-residential receiver type



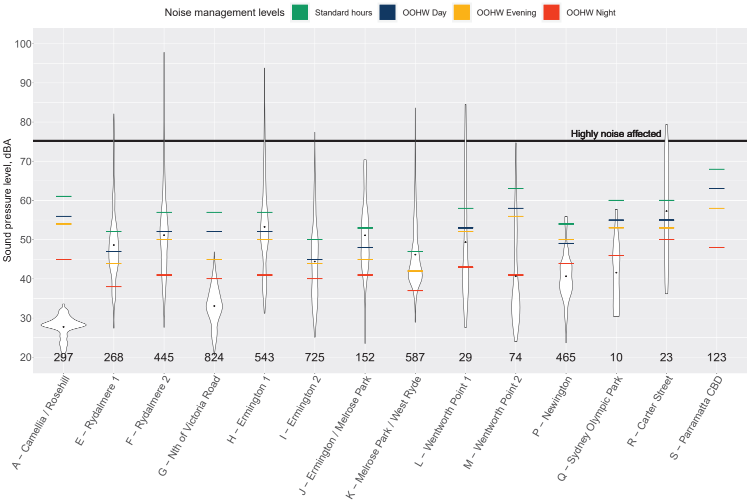
S01.03 – Impacts to residential receivers



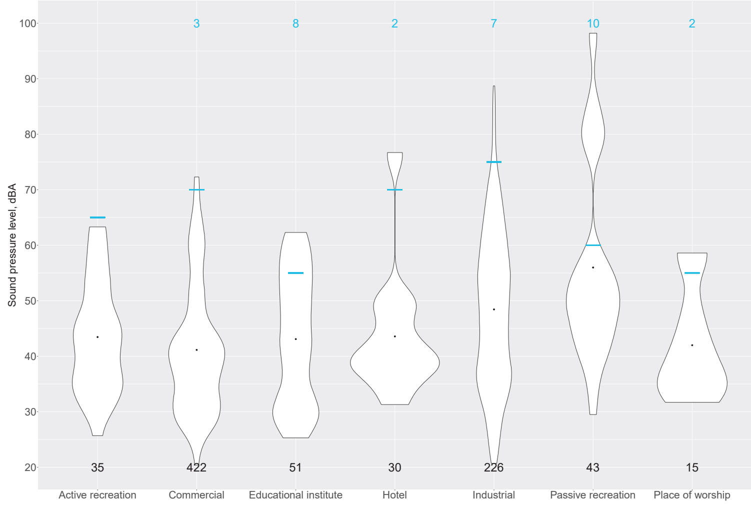
S01 – Impacts and duration of all sub-scenarios



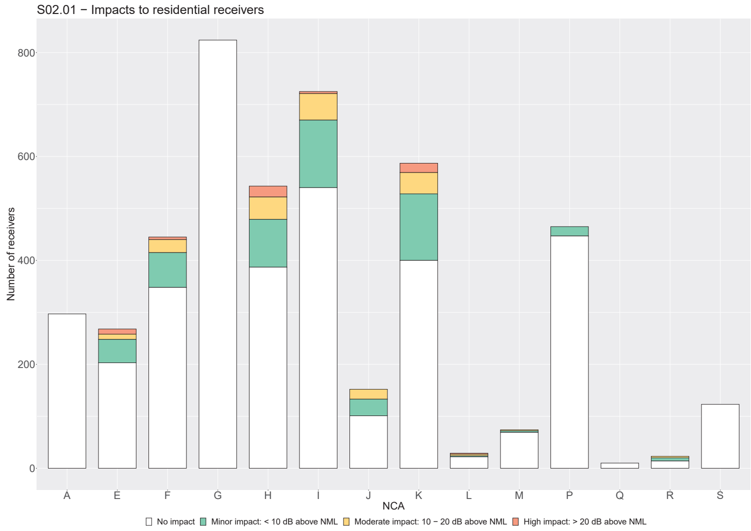
S02.01 – Range of noise levels per residential NCA



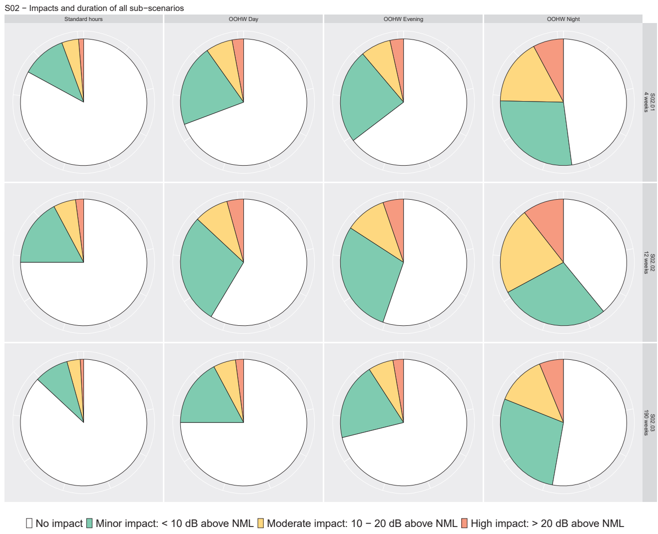
S02.01 – Range of noise levels per non-residential receiver type



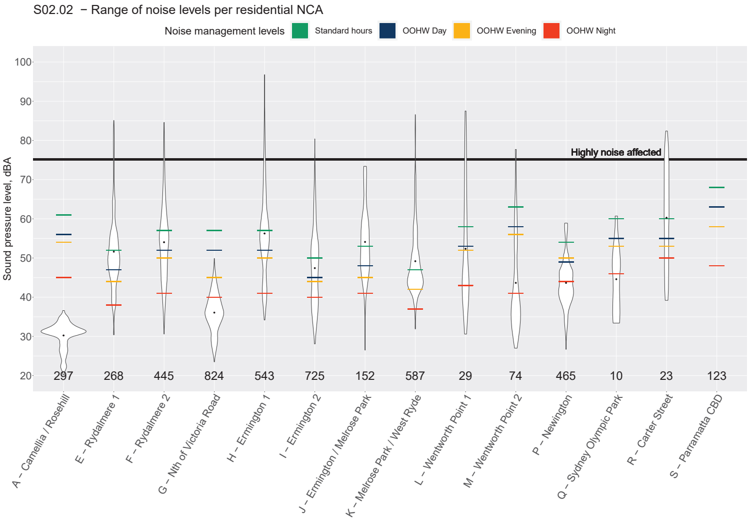
S02.01 – Impacts to residential receivers



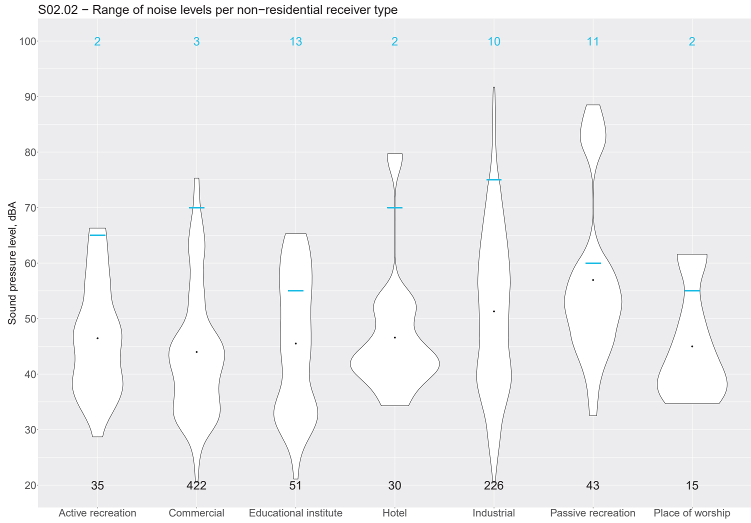
S02 – Impacts and duration of all sub-scenarios



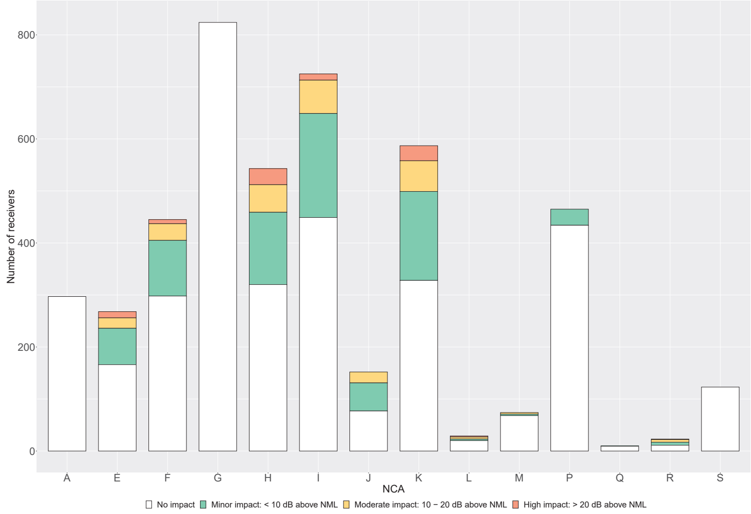
S02.02 – Range of noise levels per residential NCA



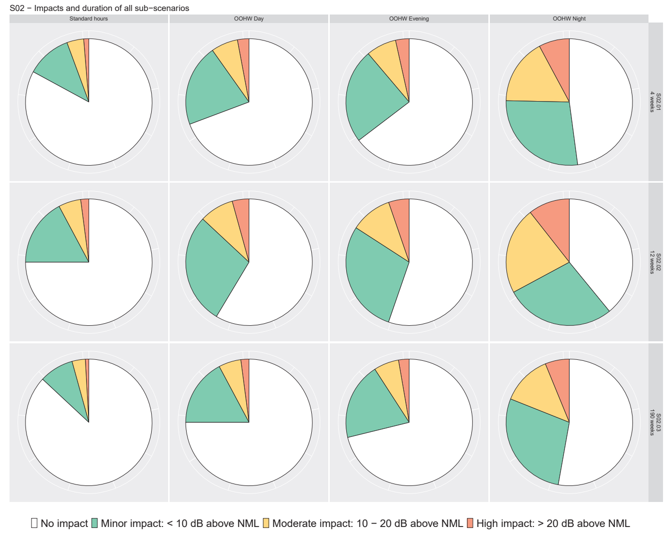
S02.02 – Range of noise levels per non-residential receiver type



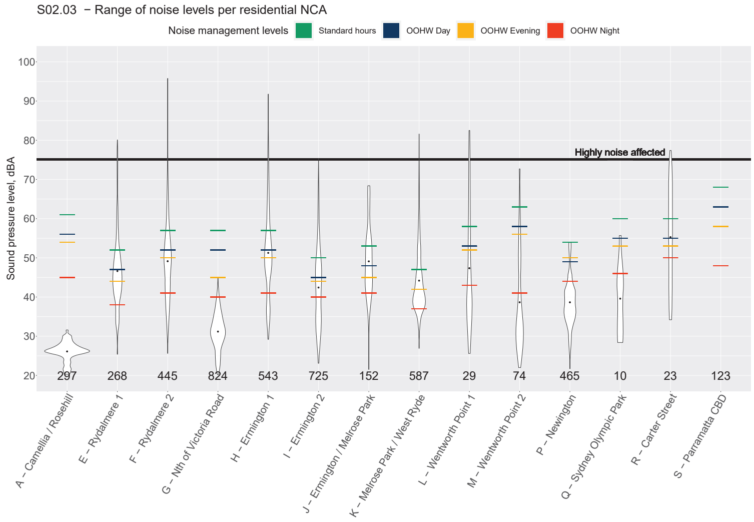
S02.02 − Impacts to residential receivers



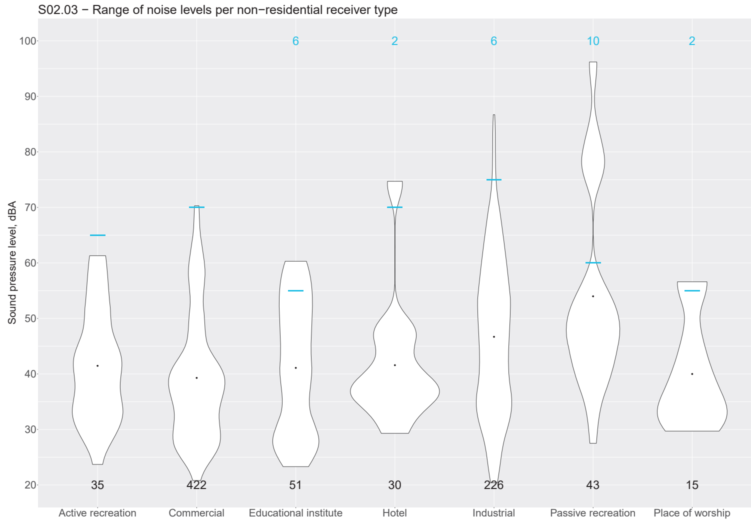
S02 − Impacts and duration of all sub−scenarios



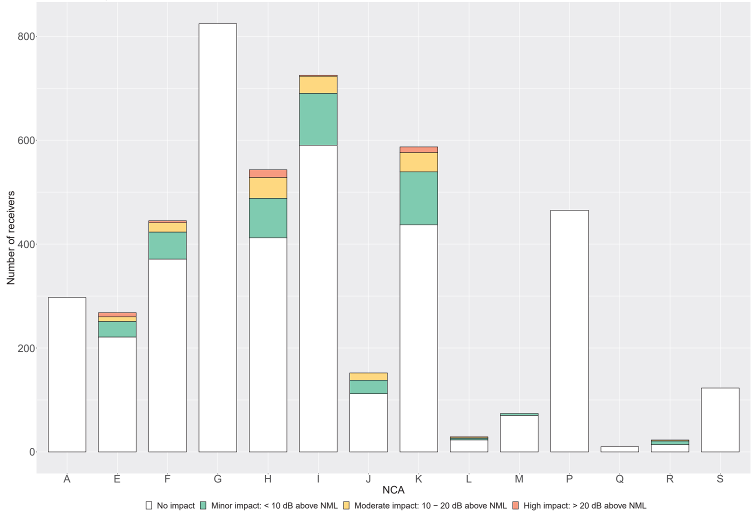
S02.03 − Range of noise levels per residential NCA



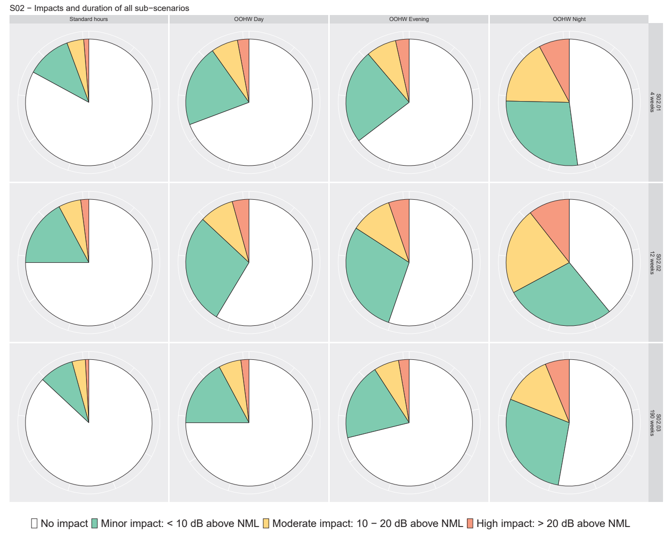
S02.03 − Range of noise levels per non−residential receiver type



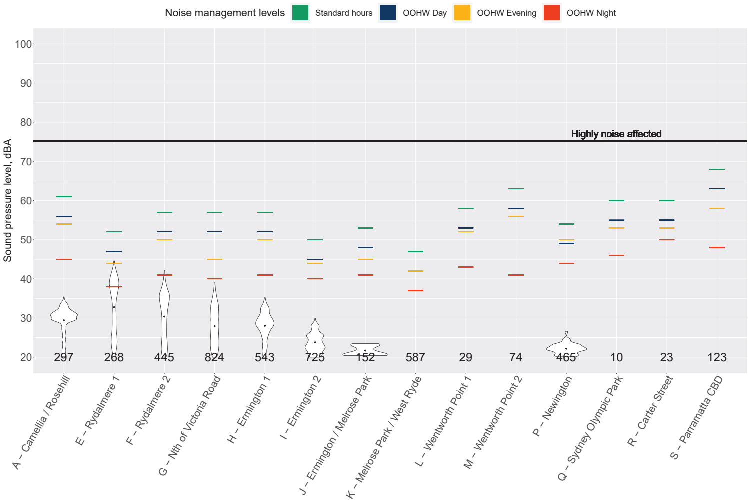
S02.03 − Impacts to residential receivers



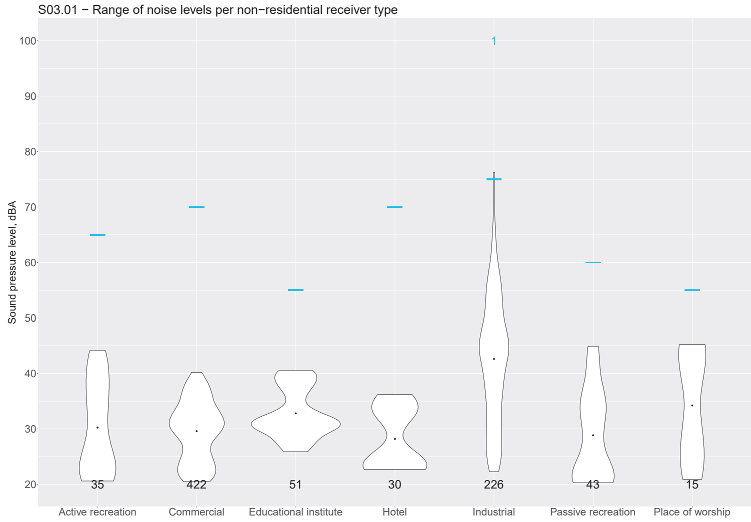
S02 − Impacts and duration of all sub−scenarios



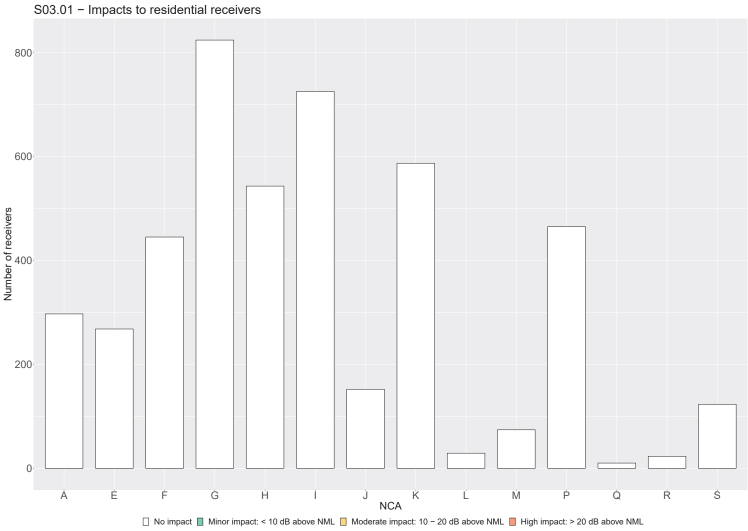
S03.01 − Range of noise levels per residential NCA



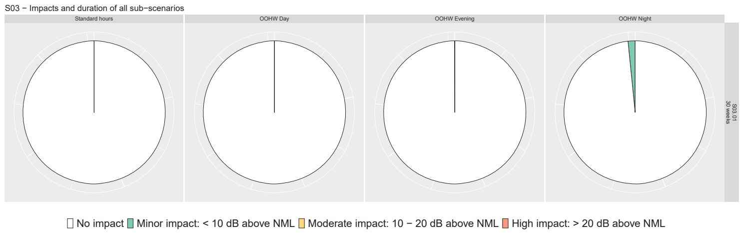
S03.01 − Range of noise levels per non−residential receiver type



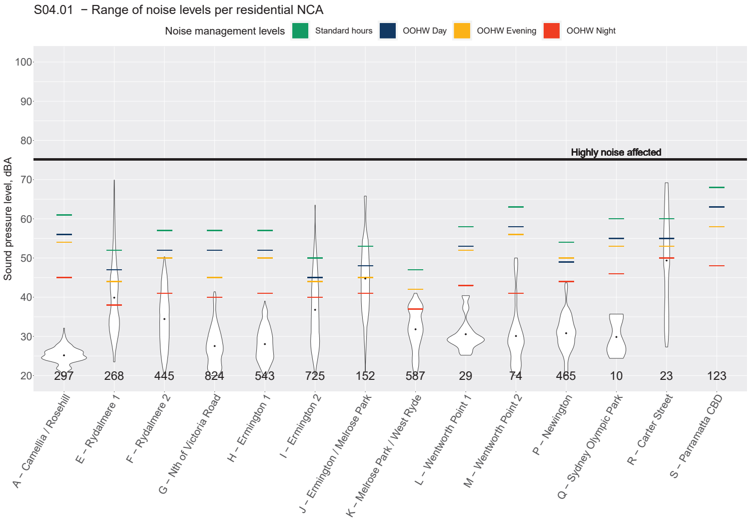
S03.01 − Impacts to residential receivers



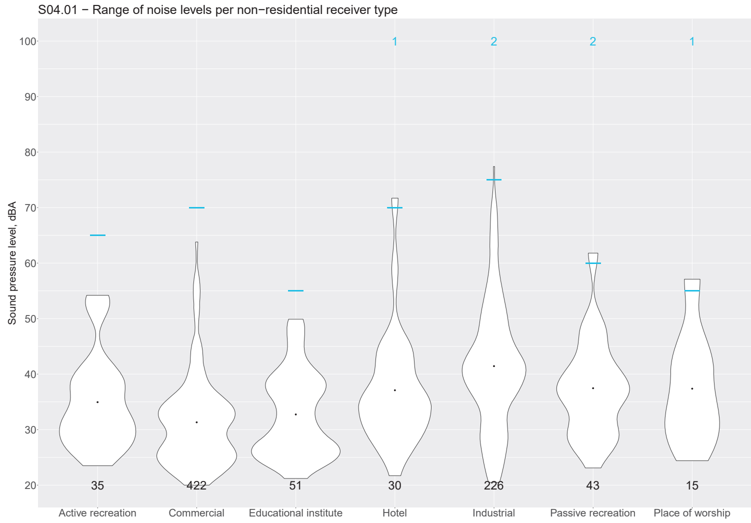
S03 − Impacts and duration of all sub−scenarios



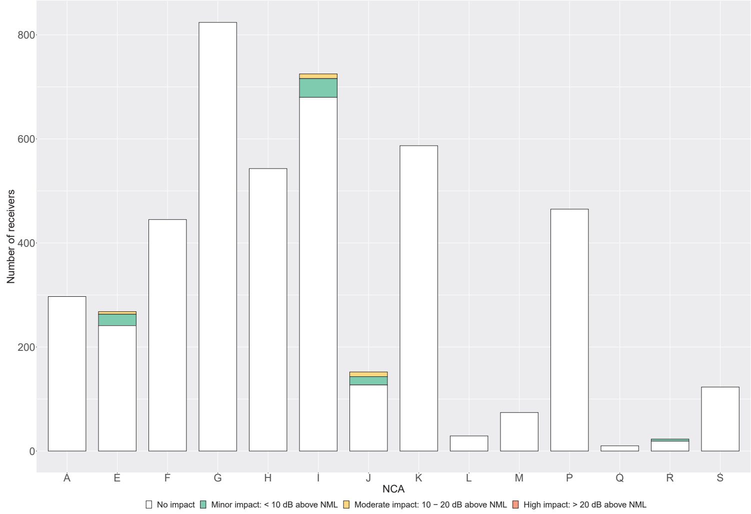
S04.01 − Range of noise levels per residential NCA



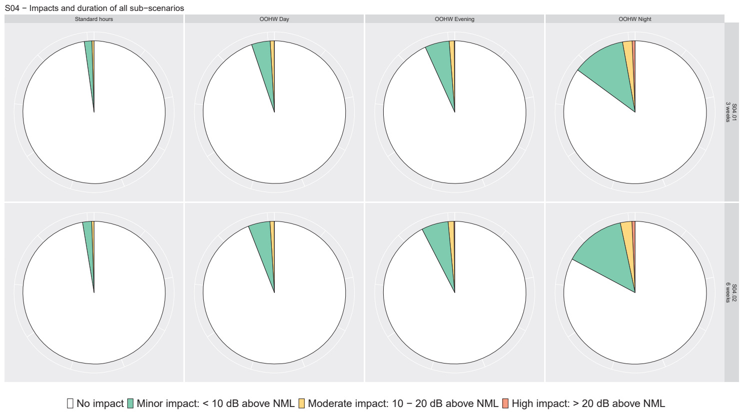
S04.01 − Range of noise levels per non−residential receiver type



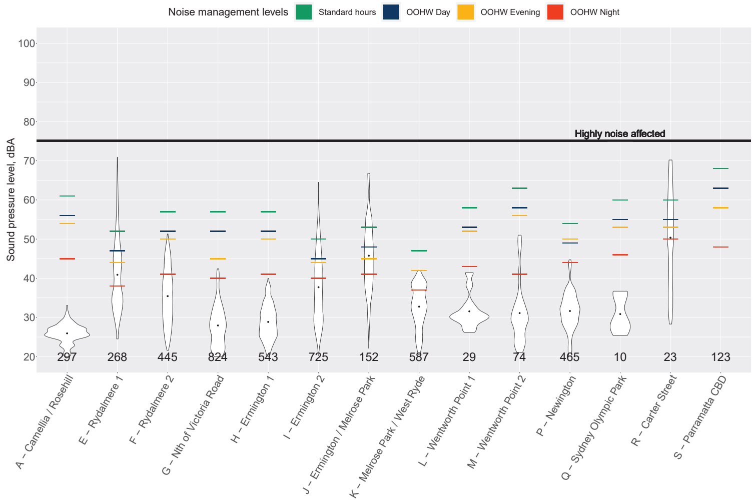
S04.01 − Impacts to residential receivers



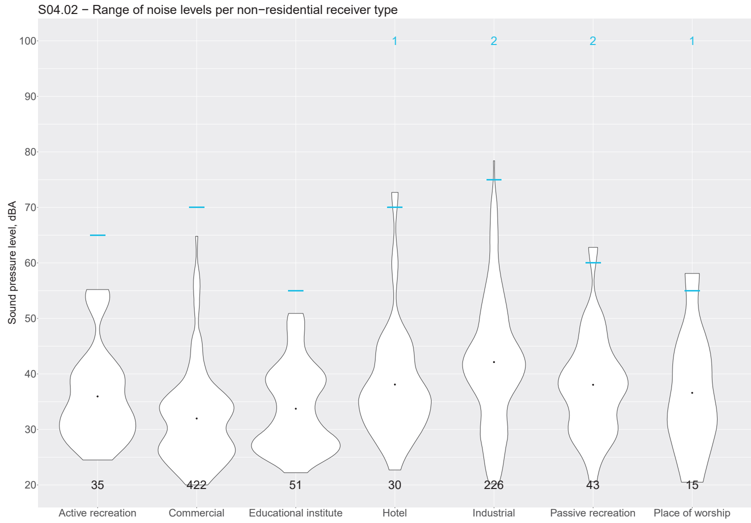
S04 − Impacts and duration of all sub−scenarios



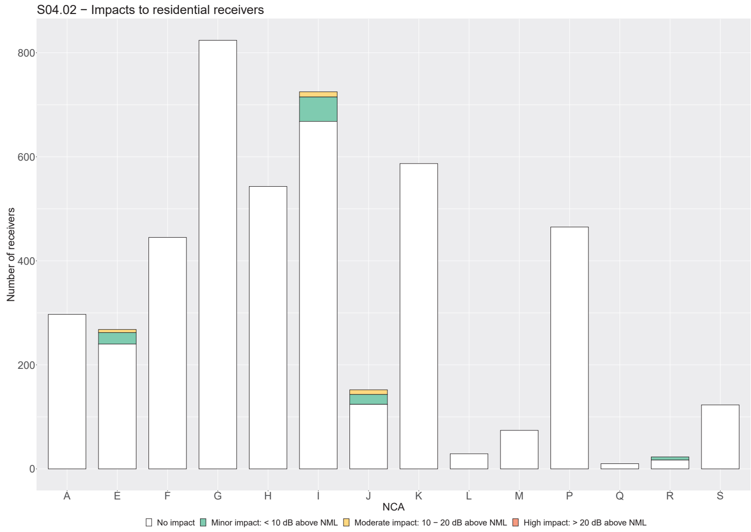
S04.02 − Range of noise levels per residential NCA



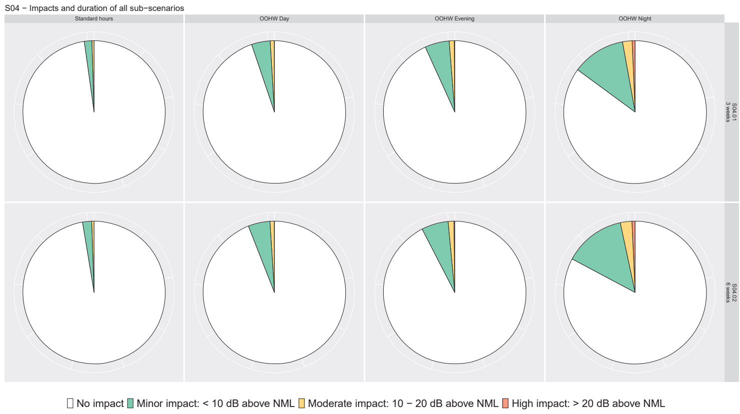
S04.02 − Range of noise levels per non−residential receiver type

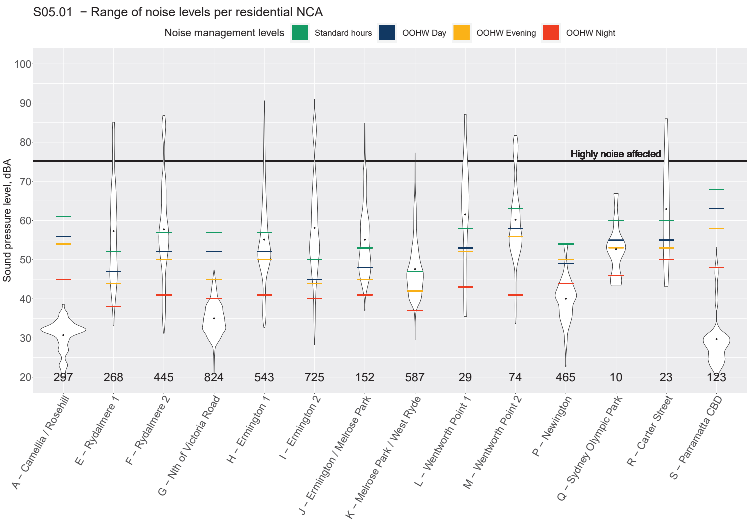


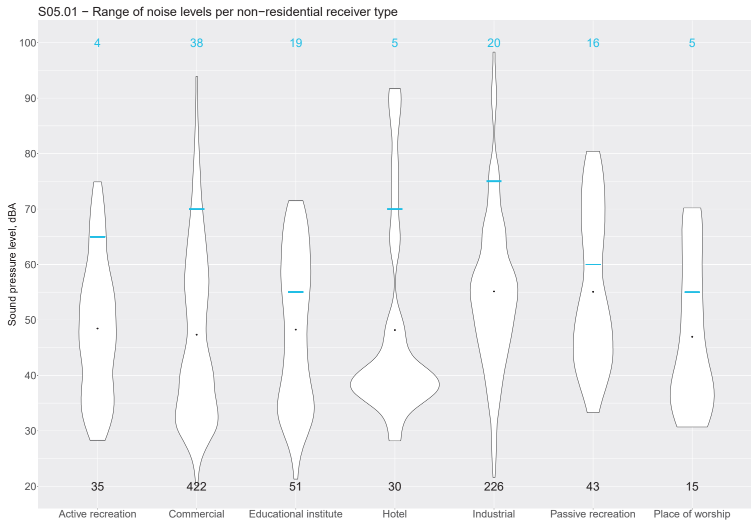
S04.02 − Impacts to residential receivers

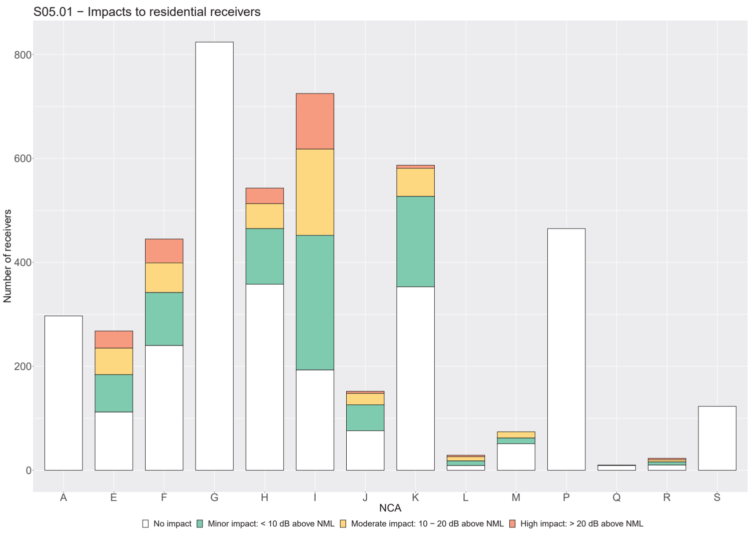


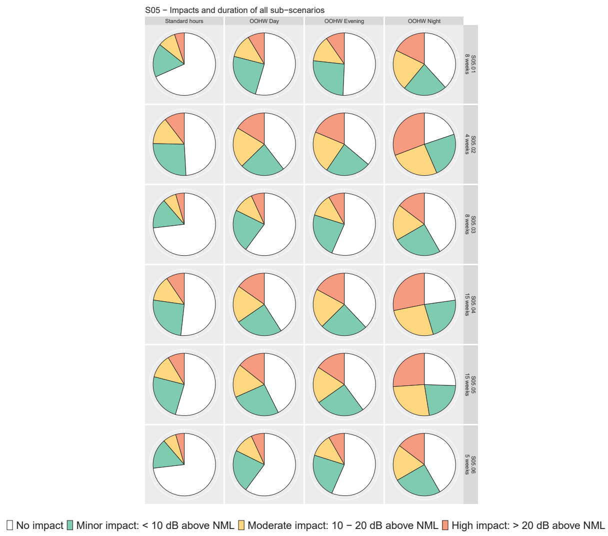
S04 − Impacts and duration of all sub−scenarios

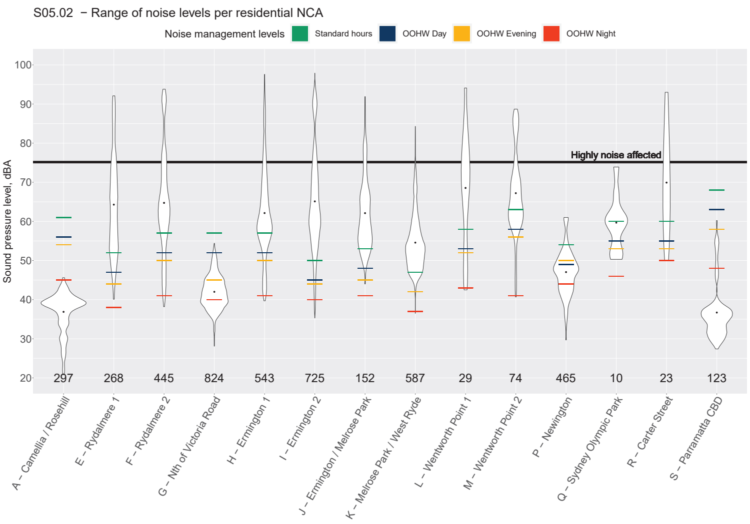


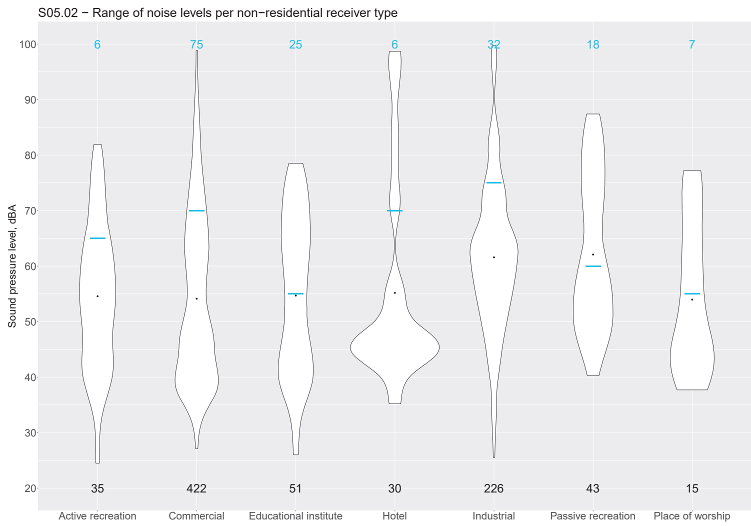

S05.01 – Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Highly noise affected
Sound pressure level, dBA
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A – Camellia / Rosehill
E – Rydalmere 1
F – Rydalmere 2
G – Nth of Victoria Road
H – Ermington 1
I – Ermington 2
J – Ermington / Melrose Park
K – Melrose Park / West Ryde
L – Wentworth Point 1
M – Wentworth Point 2
P – Newington
Q – Sydney Olympic Park
R – Carter Street
S – Parramatta CBD


S05.01 – Range of noise levels per non-residential receiver type
Sound pressure level, dBA
4
38
19
5
20
16
5
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship

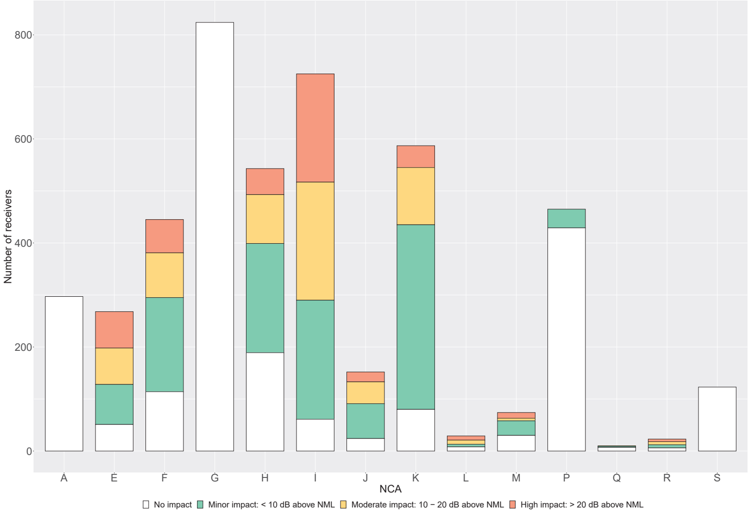

S05.01 – Impacts to residential receivers
Number of receivers
NCA
A
E
F
G
H
I
J
K
L
M
P
Q
R
S
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 – 20 dB above NML
High impact: > 20 dB above NML

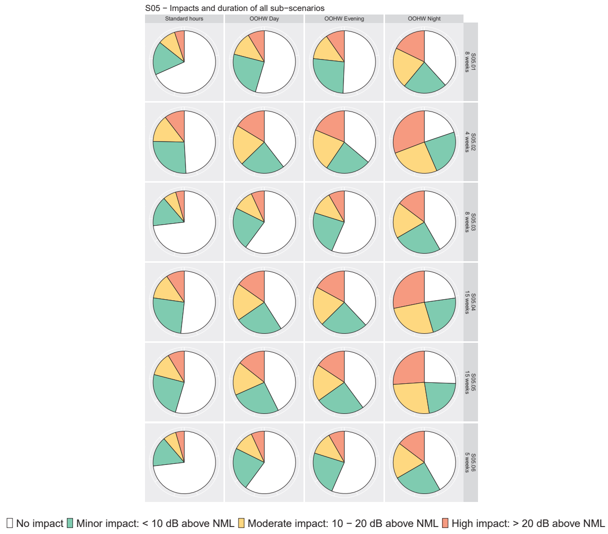

S05 – Impacts and duration of all sub–scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 – 20 dB above NML
High impact: > 20 dB above NML


S05.02 – Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Highly noise affected
Sound pressure level, dBA
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A – Camellia / Rosehill
E – Rydalmere 1
F – Rydalmere 2
G – Nth of Victoria Road
H – Ermington 1
I – Ermington 2
J – Ermington / Melrose Park
K – Melrose Park / West Ryde
L – Wentworth Point 1
M – Wentworth Point 2
P – Newington
Q – Sydney Olympic Park
R – Carter Street
S – Parramatta CBD

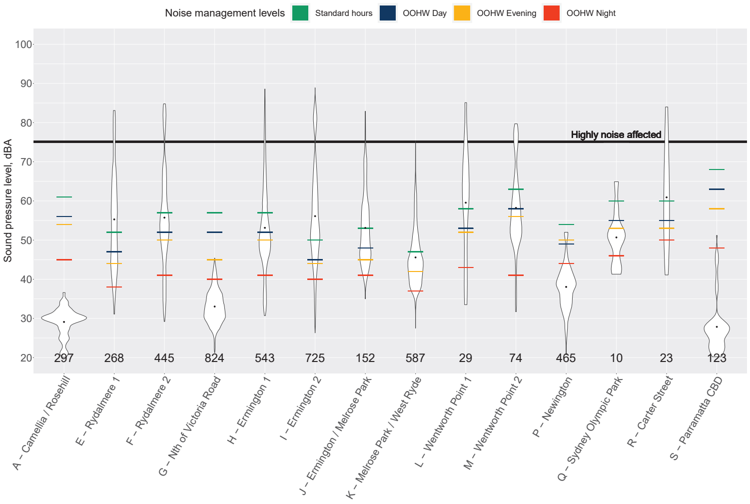

S05.02 – Range of noise levels per non-residential receiver type
Sound pressure level, dBA
6
75
25
6
32
18
7
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship

S05.02 – Impacts to residential receivers

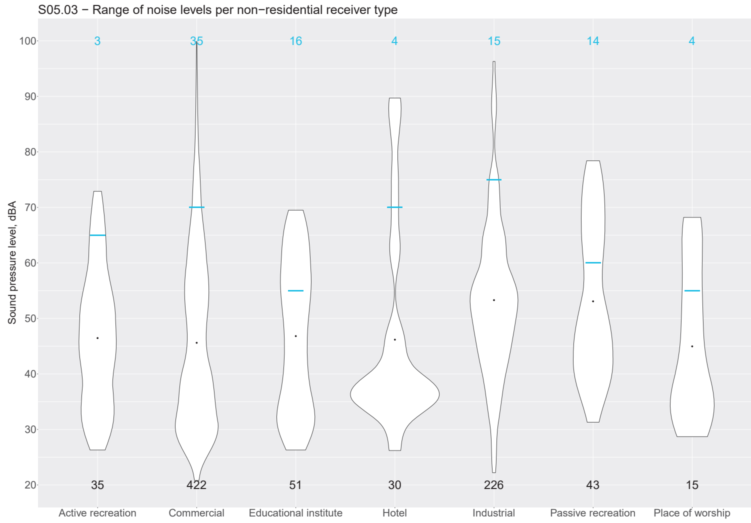




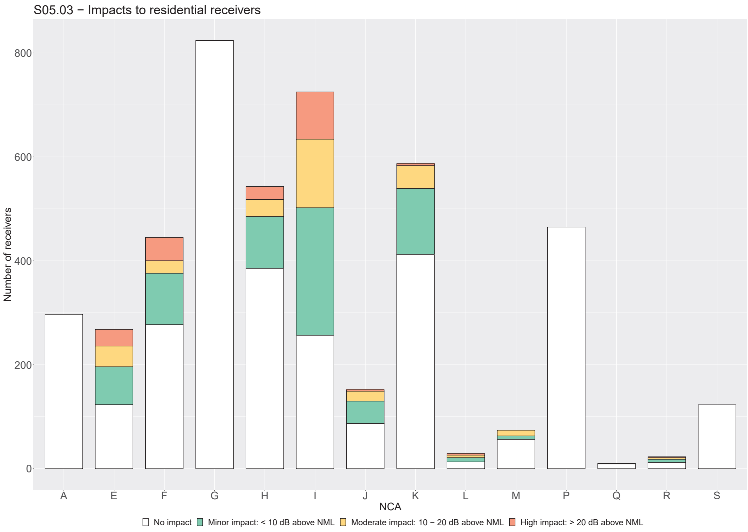
S05.03 – Range of noise levels per residential NCA

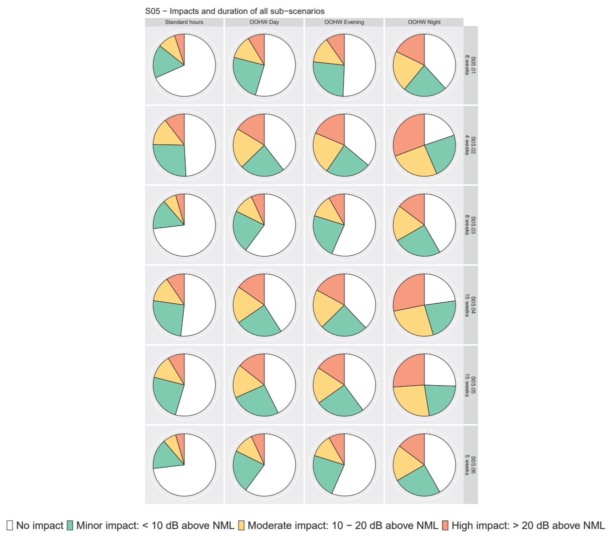


S05.03 – Range of noise levels per non–residential receiver type

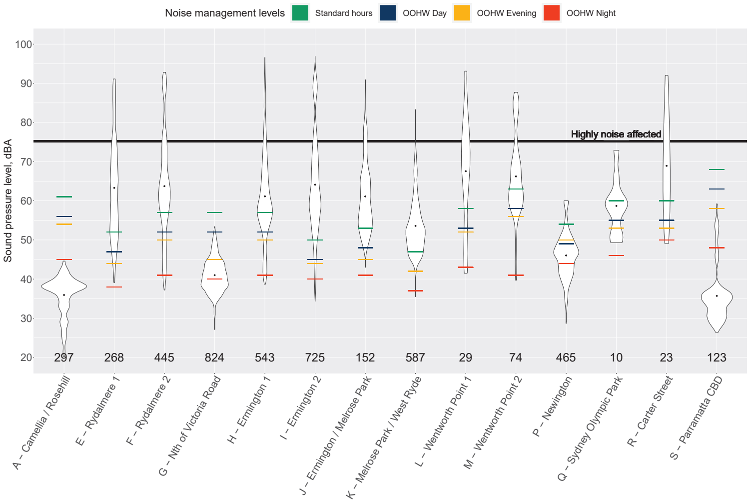


S05.03 – Impacts to residential receivers

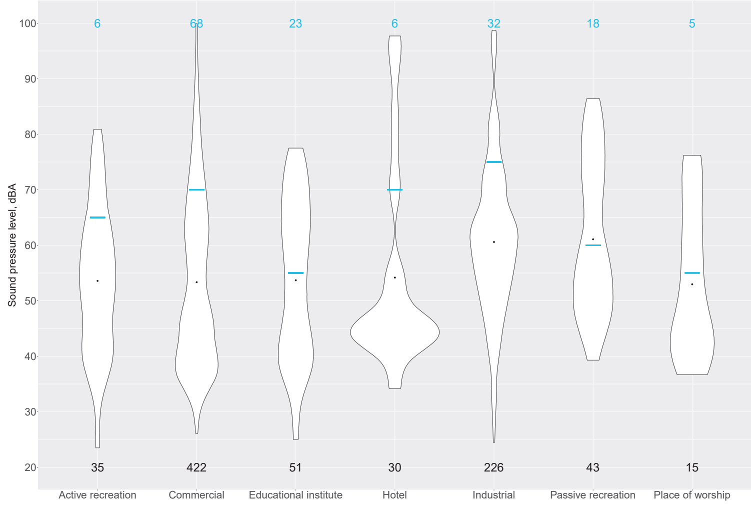




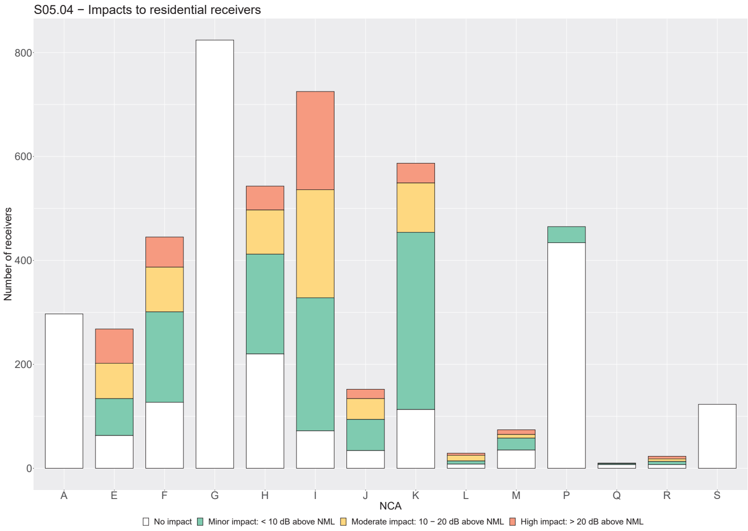
S05.04 – Range of noise levels per residential NCA

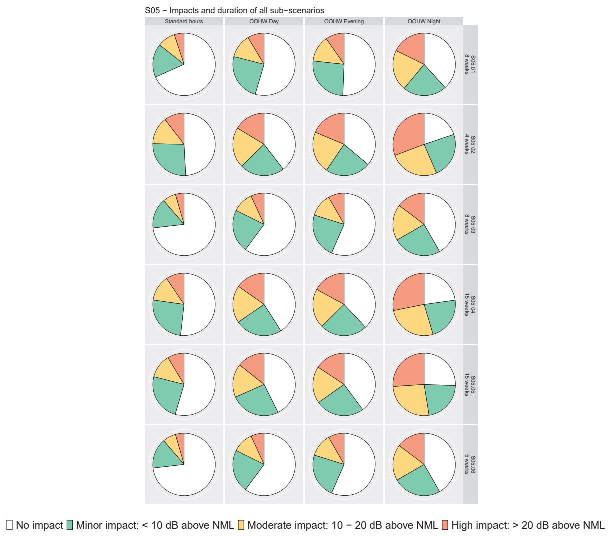


S05.04 – Range of noise levels per non–residential receiver type

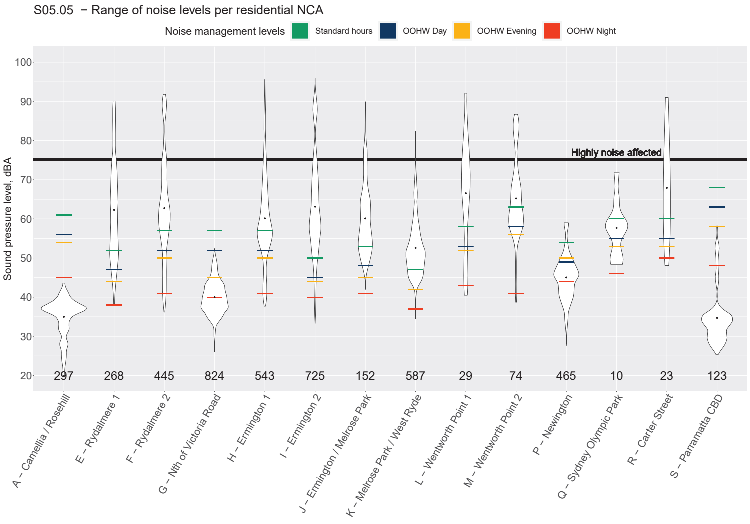


S05.04 – Impacts to residential receivers

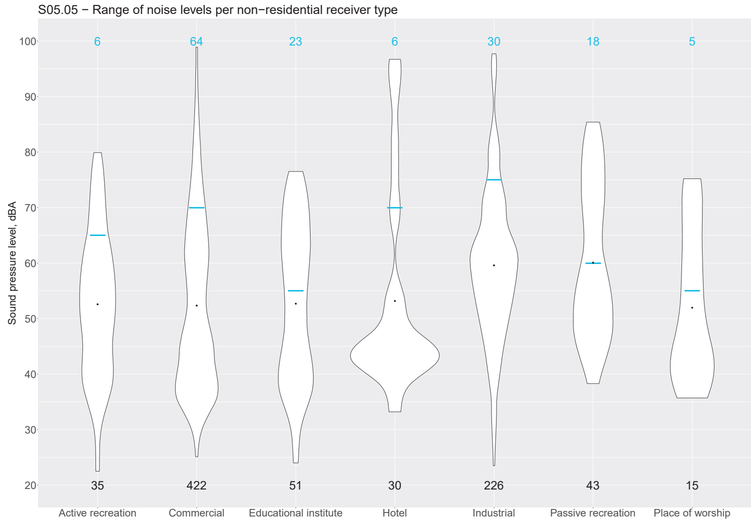


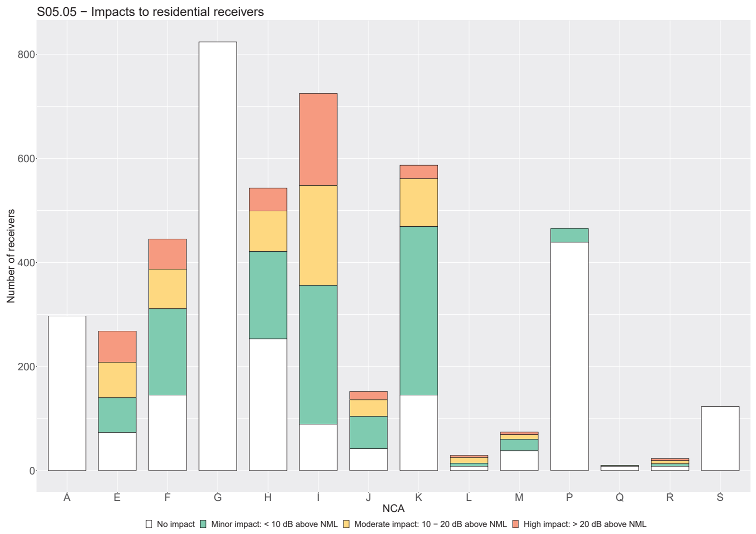


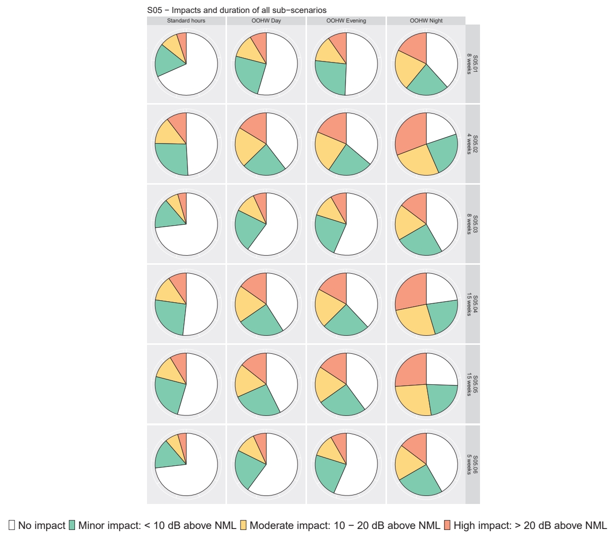
S05.05 – Range of noise levels per residential NCA

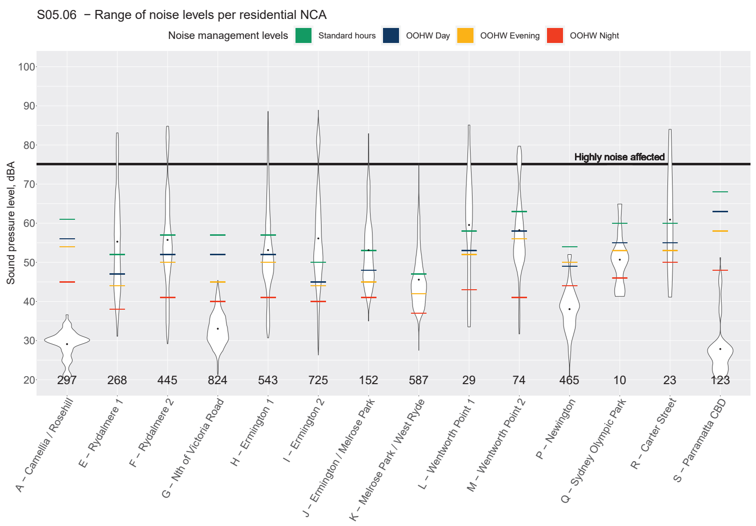


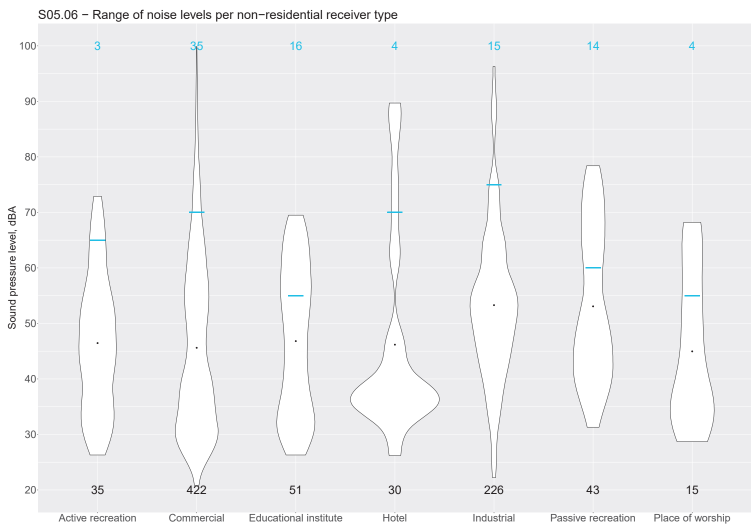
S05.05 – Range of noise levels per non–residential receiver type

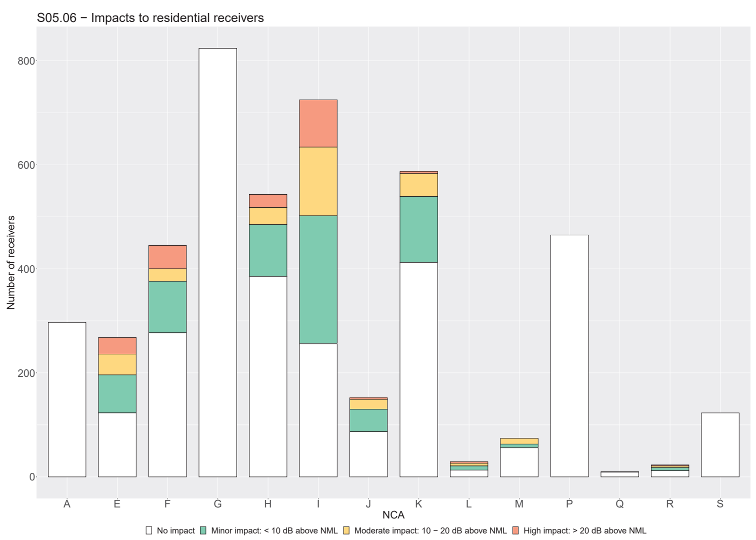


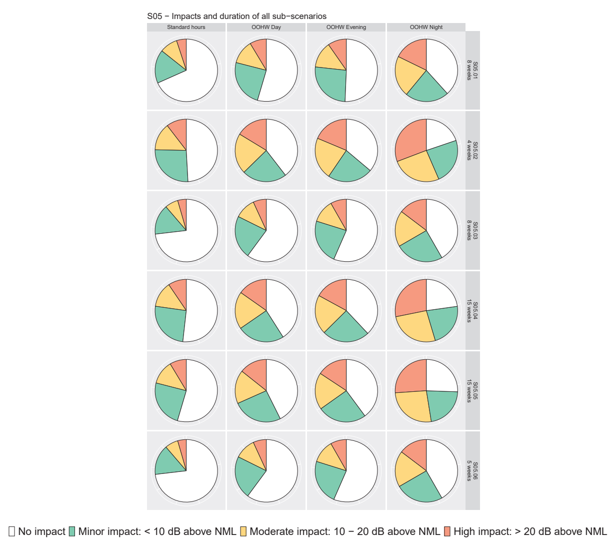

S05.05 − Impacts to residential receivers
Number of receivers
0
200
400
600
800
A E F G H I J K L M P Q R S
NCA
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML

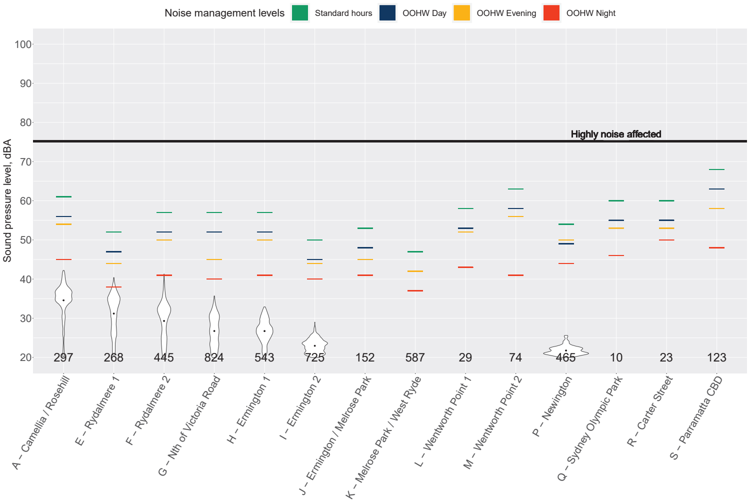

S05 − Impacts and duration of all sub−scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML


S05.06 − Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Sound pressure level, dBA
20
30
40
50
60
70
80
90
100
Highly noise affected
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A − Camellia / Rosehill
E − Rydalmere 1
F − Rydalmere 2
G − Nth of Victoria Road
H − Ermington 1
I − Ermington 2
J − Ermington / Melrose Park
K − Melrose Park / West Ryde
L − Wentworth Point 1
M − Wentworth Point 2
P − Newington
Q − Sydney Olympic Park
R − Carter Street
S − Parramatta CBD

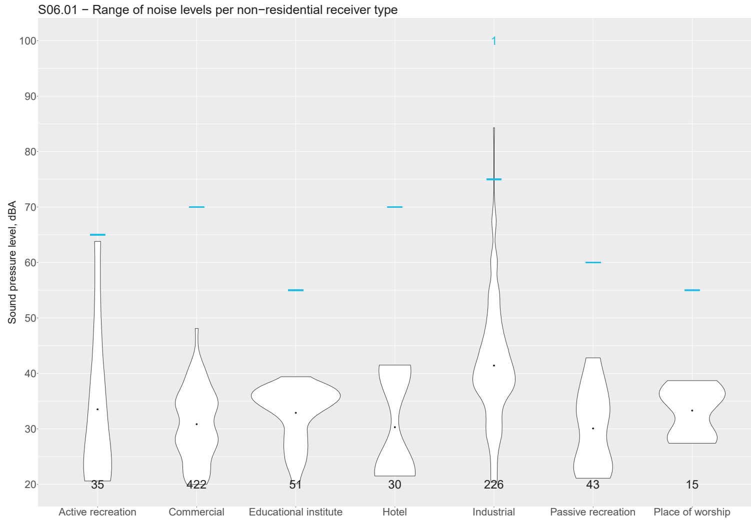

S05.06 − Range of noise levels per non−residential receiver type
Sound pressure level, dBA
20
30
40
50
60
70
80
90
100
3
35
16
4
15
14
4
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship


S05.06 − Impacts to residential receivers
Number of receivers
0
200
400
600
800
A E F G H I J K L M P Q R S
NCA
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML

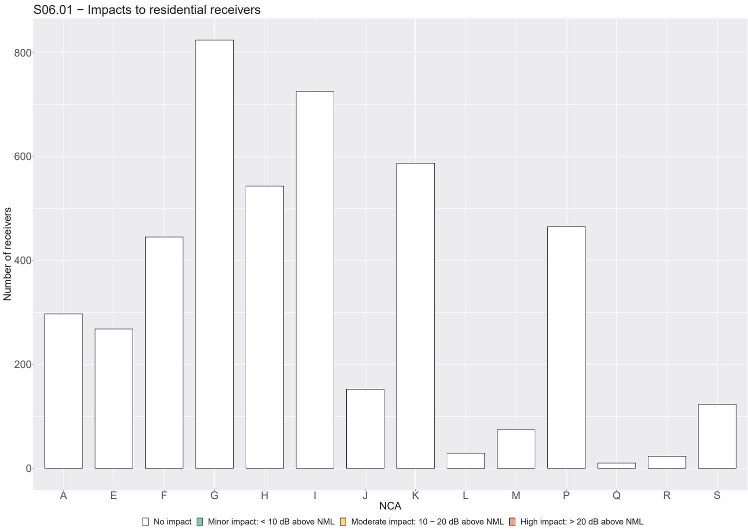

S05 − Impacts and duration of all sub−scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML



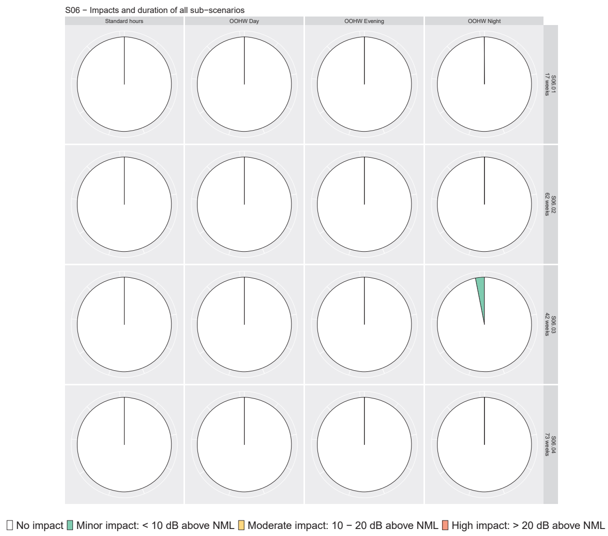
S06.01 – Range of noise levels per residential NCA

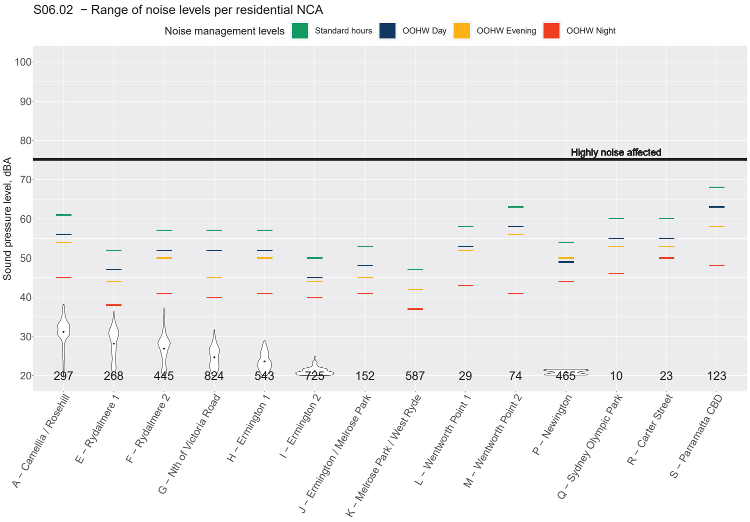


S06.01 – Range of noise levels per non–residential receiver type

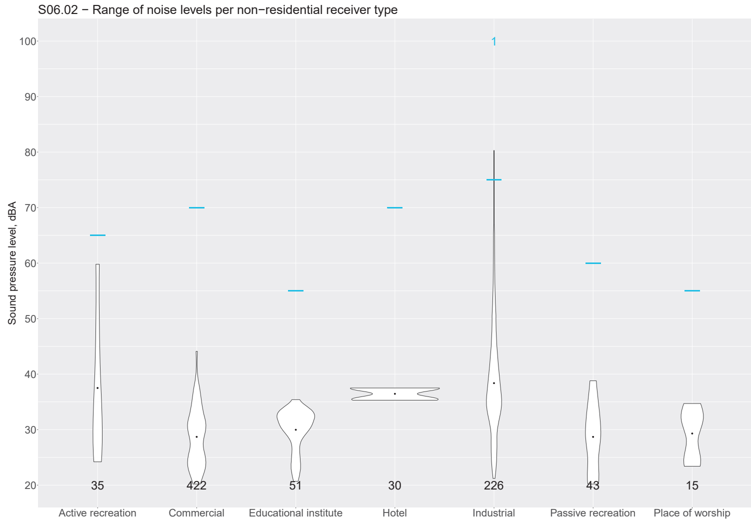


S06.01 – Impacts to residential receivers



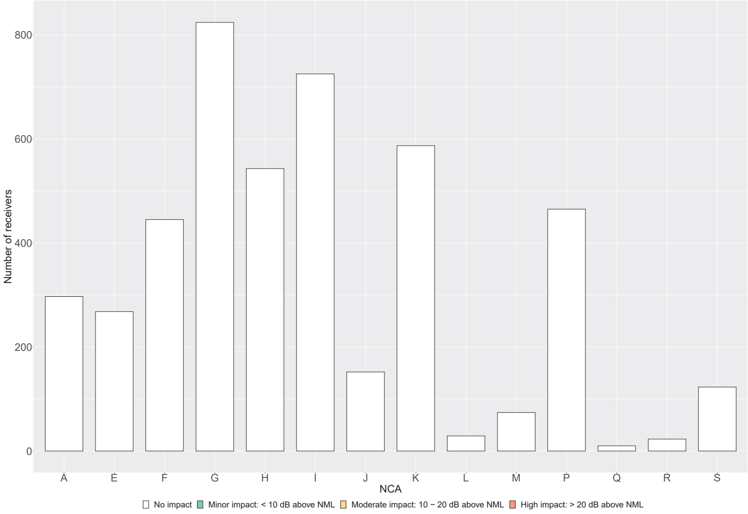


S06.02 – Range of noise levels per residential NCA

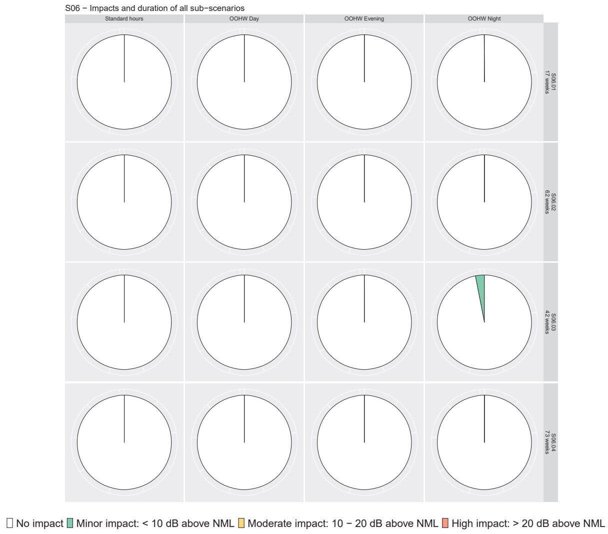


S06.02 – Range of noise levels per non–residential receiver type

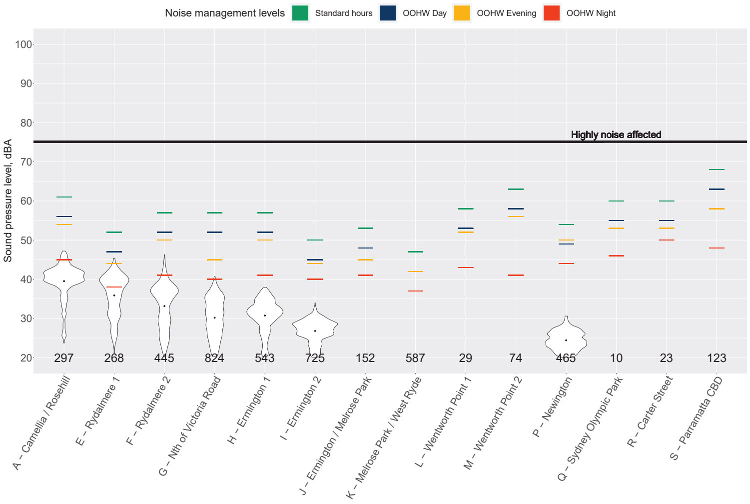
S06.02 − Impacts to residential receivers



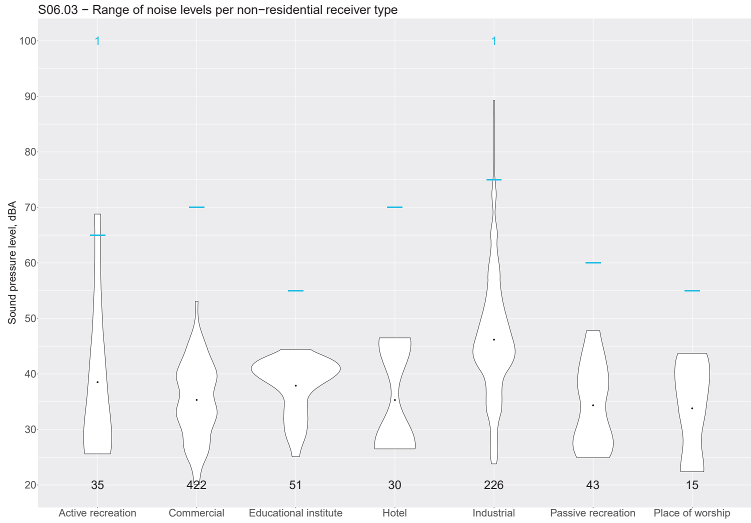
S06 − Impacts and duration of all sub−scenarios



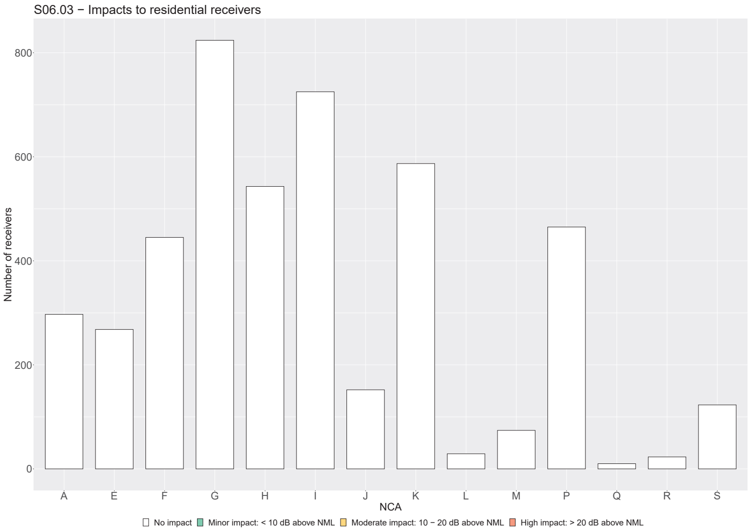
S06.03 − Range of noise levels per residential NCA



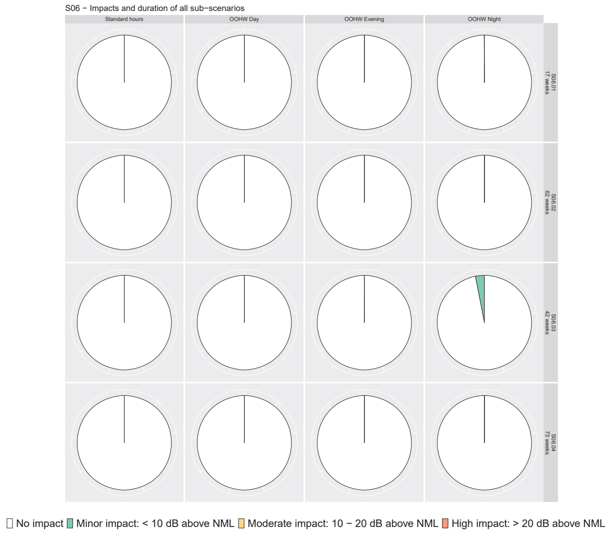
S06.03 − Range of noise levels per non−residential receiver type

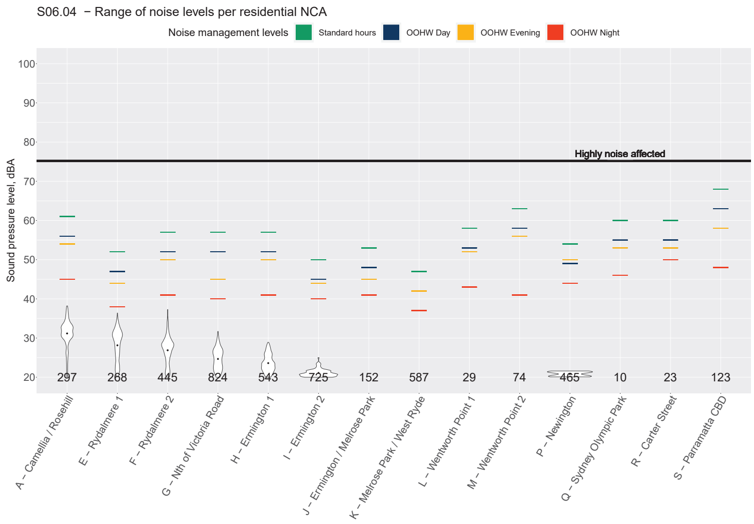


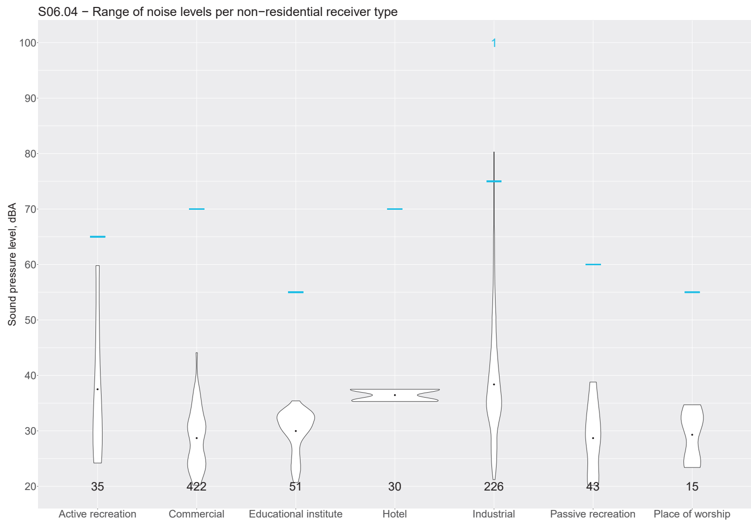
S06.03 − Impacts to residential receivers

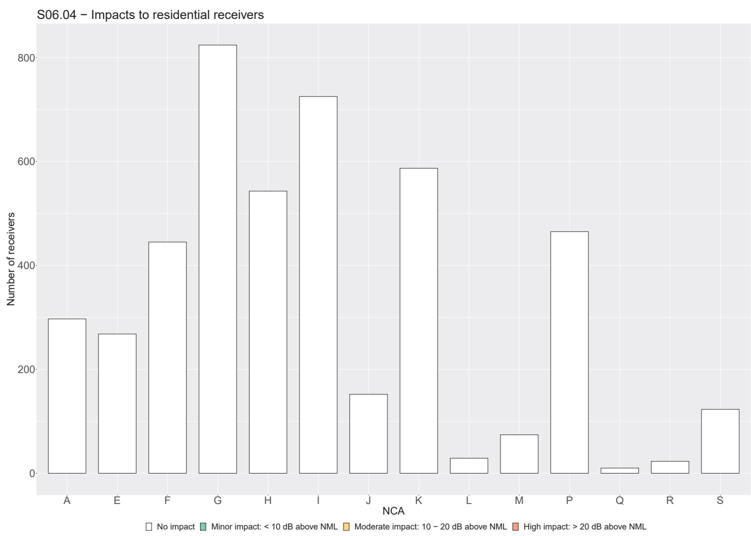


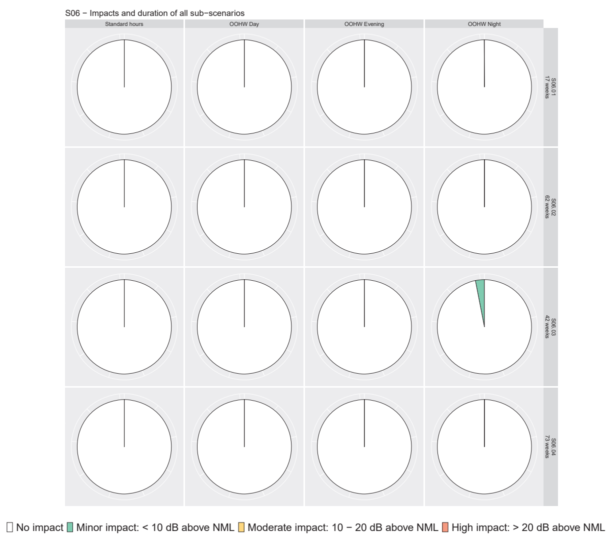
S06 − Impacts and duration of all sub−scenarios

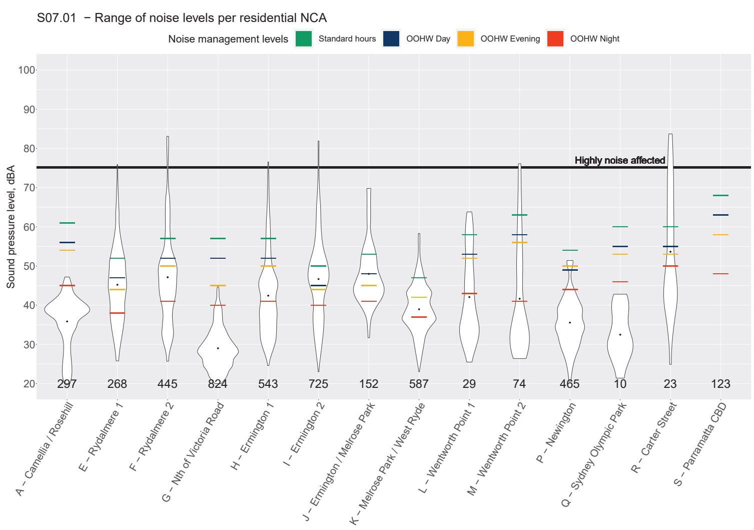


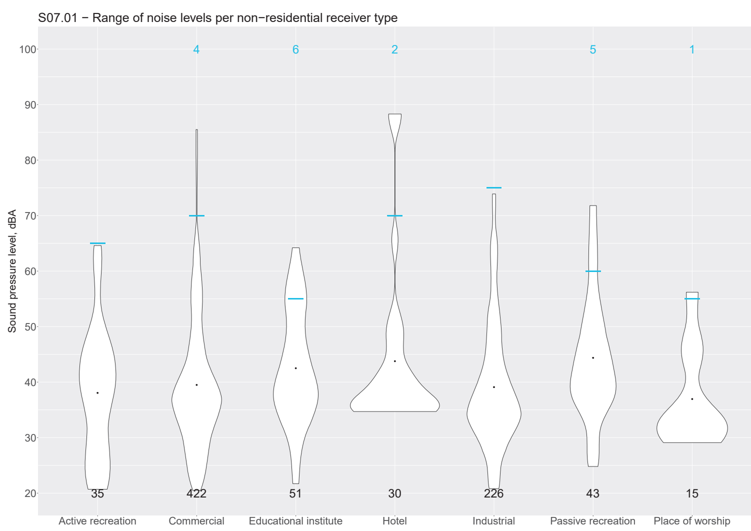

S06.04 − Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Sound pressure level, dBA
Highly noise affected
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A − Camellia / Rosehill
E − Rydalmere 1
F − Rydalmere 2
G − Nth of Victoria Road
H − Ermington 1
I − Ermington 2
J − Ermington / Melrose Park
K − Melrose Park / West Ryde
L − Wentworth Point 1
M − Wentworth Point 2
P − Newington
Q − Sydney Olympic Park
R − Carter Street
S − Parramatta CBD


S06.04 − Range of noise levels per non−residential receiver type
Sound pressure level, dBA
1
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship

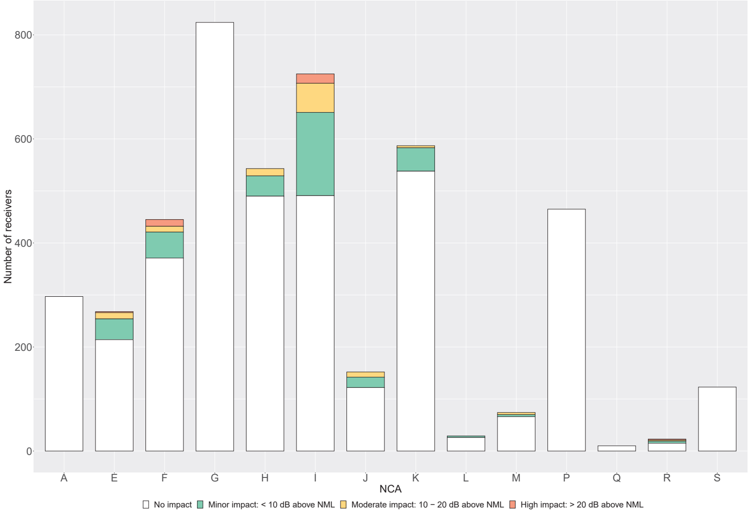

S06.04 − Impacts to residential receivers
Number of receivers
NCA
A
E
F
G
H
I
J
K
L
M
P
Q
R
S
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML


S06 − Impacts and duration of all sub−scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML

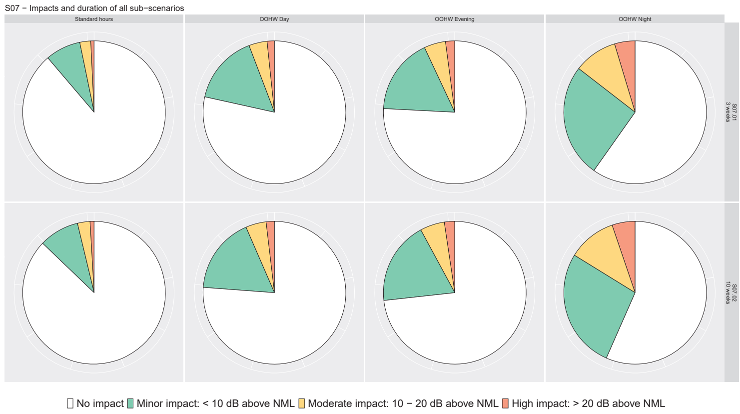

S07.01 − Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Sound pressure level, dBA
Highly noise affected
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A − Camellia / Rosehill
E − Rydalmere 1
F − Rydalmere 2
G − Nth of Victoria Road
H − Ermington 1
I − Ermington 2
J − Ermington / Melrose Park
K − Melrose Park / West Ryde
L − Wentworth Point 1
M − Wentworth Point 2
P − Newington
Q − Sydney Olympic Park
R − Carter Street
S − Parramatta CBD


S07.01 − Range of noise levels per non−residential receiver type
Sound pressure level, dBA
4
6
2
5
1
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship

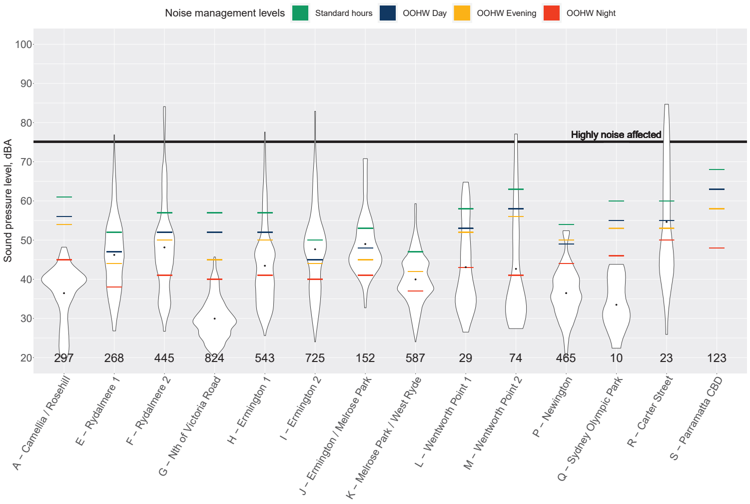
S07.01 − Impacts to residential receivers



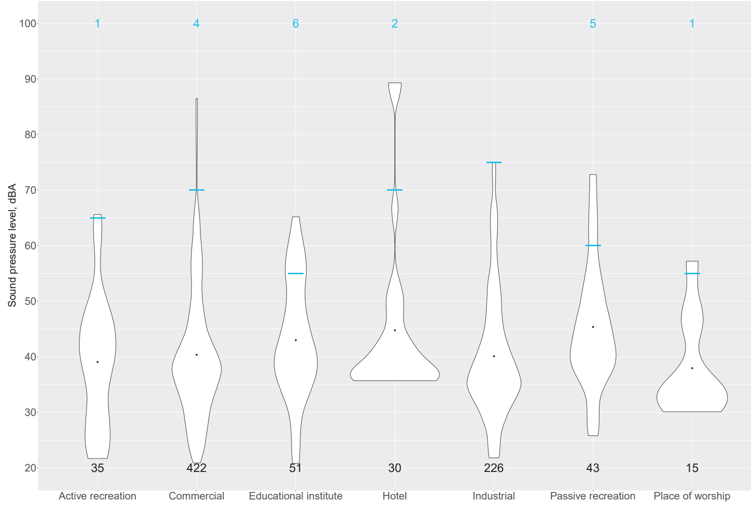
S07 − Impacts and duration of all sub-scenarios



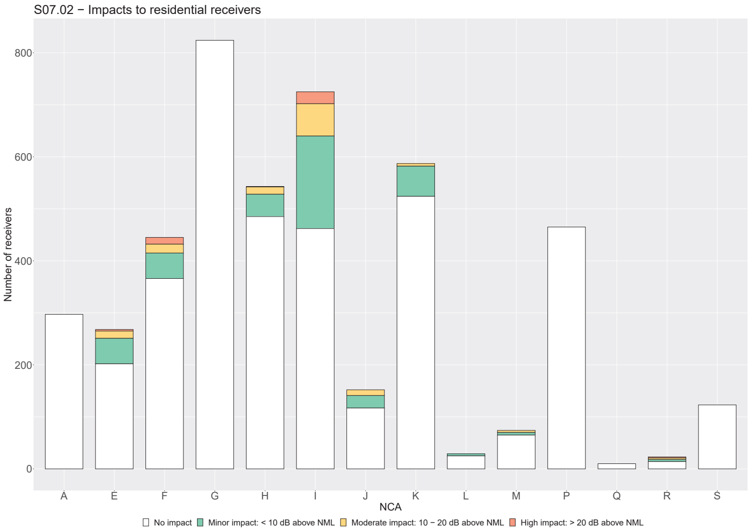
S07.02 − Range of noise levels per residential NCA



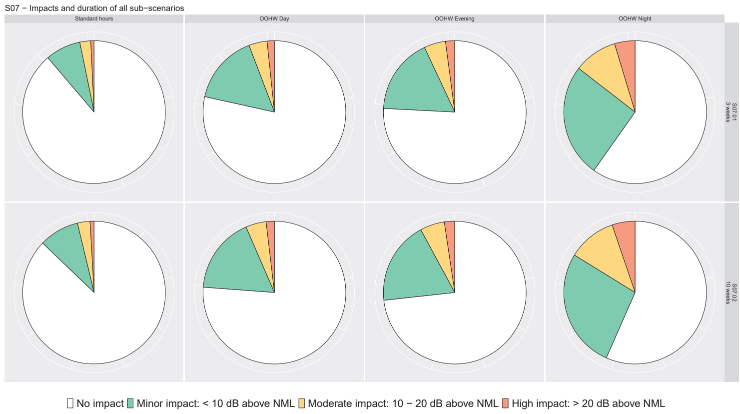
S07.02 − Range of noise levels per non−residential receiver type

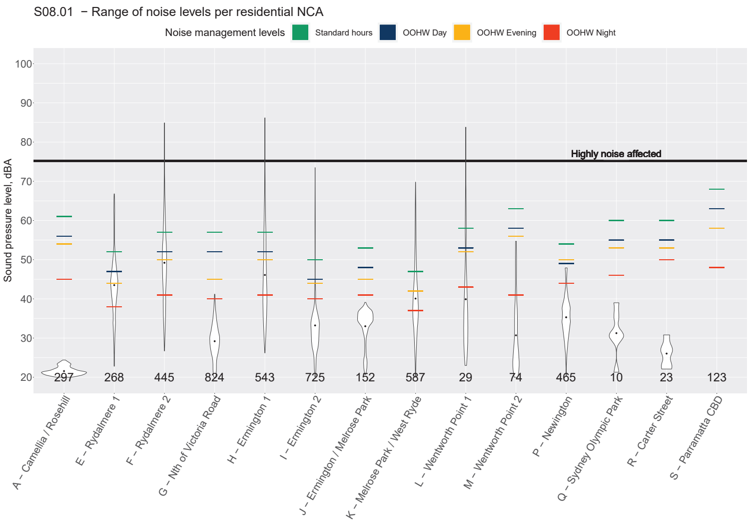


S07.02 − Impacts to residential receivers

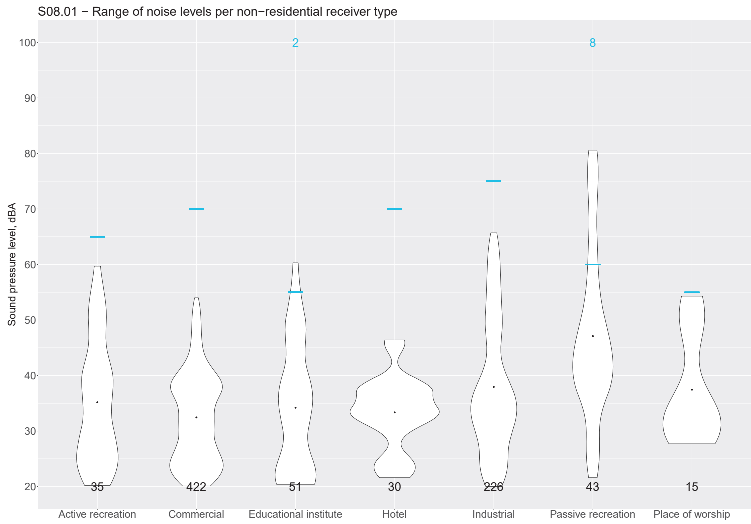


S07 − Impacts and duration of all sub-scenarios

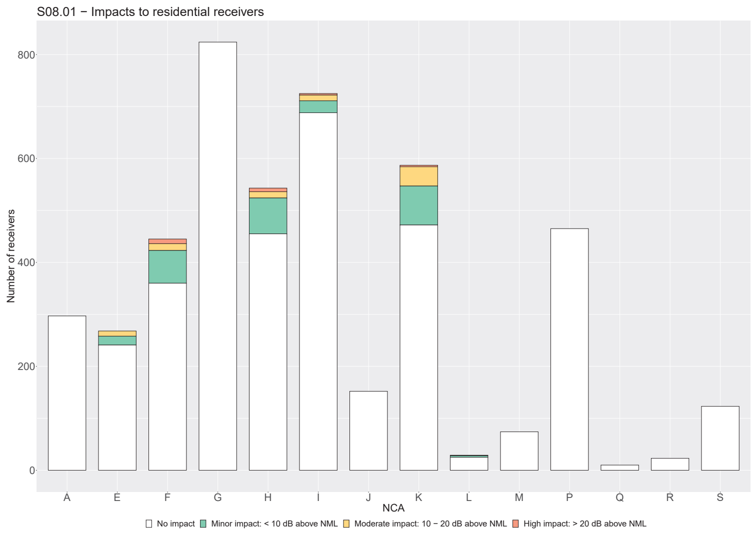




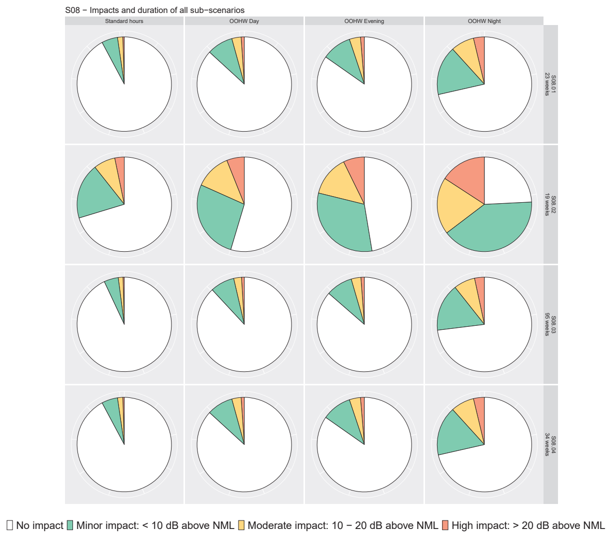
S08.01 – Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Highly noise affected
Sound pressure level, dBA
100
90
80
70
60
50
40
30
20
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A – Camellia / Rosehill
E – Rydalmere 1
F – Rydalmere 2
G – Nth of Victoria Road
H – Ermington 1
I – Ermington 2
J – Ermington / Melrose Park
K – Melrose Park / West Ryde
L – Wentworth Point 1
M – Wentworth Point 2
P – Newington
Q – Sydney Olympic Park
R – Carter Street
S – Parramatta CBD



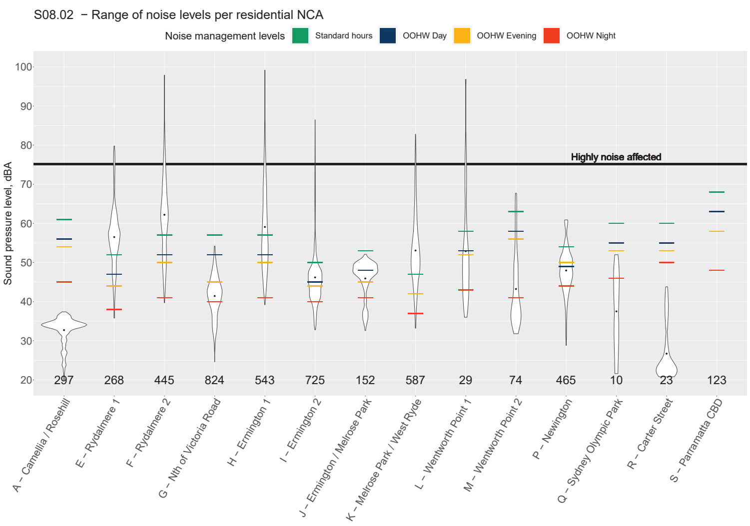
S08.01 – Range of noise levels per non-residential receiver type
Sound pressure level, dBA
100
90
80
70
60
50
40
30
20
2
8
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship



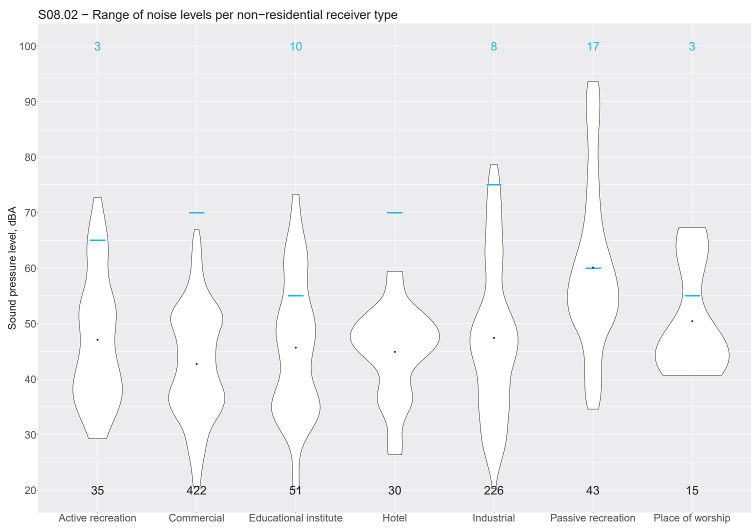
S08.01 – Impacts to residential receivers
Number of receivers
800
600
400
200
0
A
E
F
G
H
I
J
K
L
M
P
Q
R
S
NCA
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 – 20 dB above NML
High impact: > 20 dB above NML



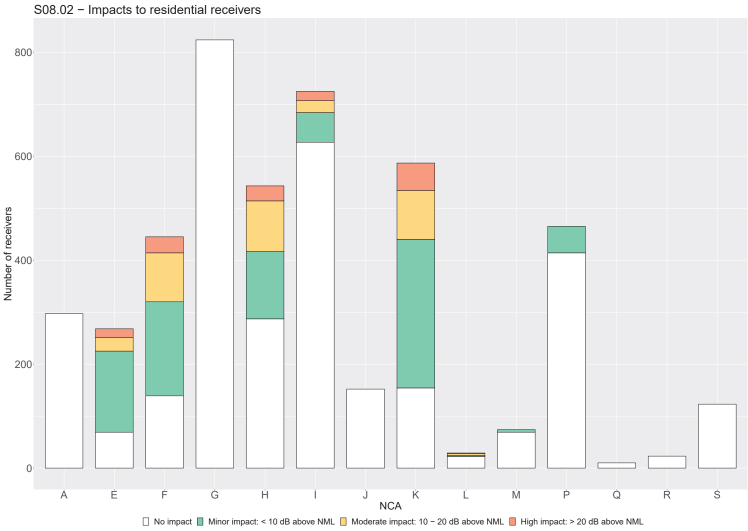
S08 – Impacts and duration of all sub-scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 – 20 dB above NML
High impact: > 20 dB above NML

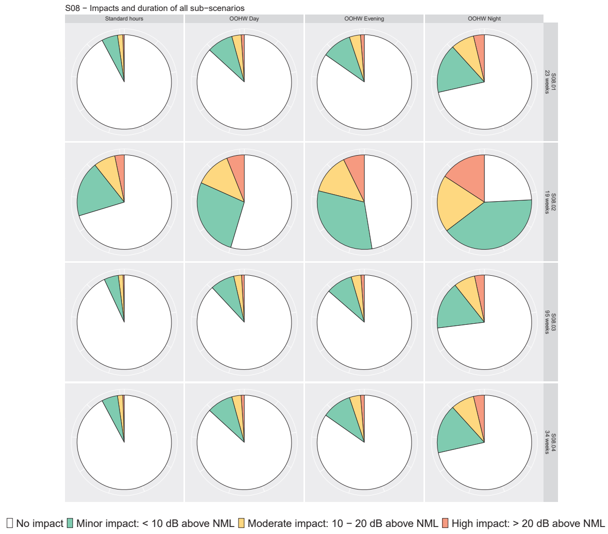


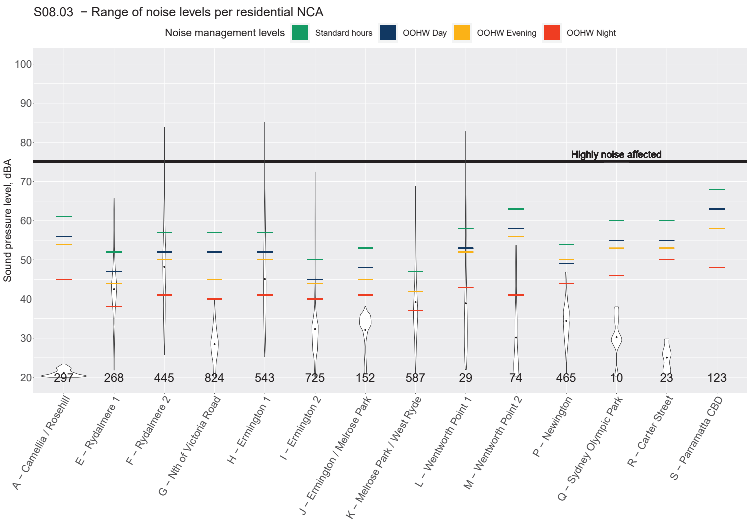
S08.02 – Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Highly noise affected
Sound pressure level, dBA
100
90
80
70
60
50
40
30
20
297
268
445
824
543
725
152
587
29
74
465
10
23
123
A – Camellia / Rosehill
E – Rydalmere 1
F – Rydalmere 2
G – Nth of Victoria Road
H – Ermington 1
I – Ermington 2
J – Ermington / Melrose Park
K – Melrose Park / West Ryde
L – Wentworth Point 1
M – Wentworth Point 2
P – Newington
Q – Sydney Olympic Park
R – Carter Street
S – Parramatta CBD

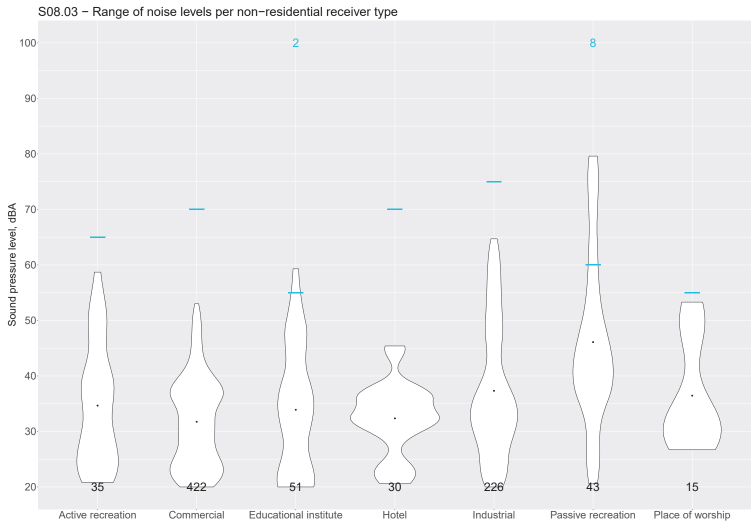


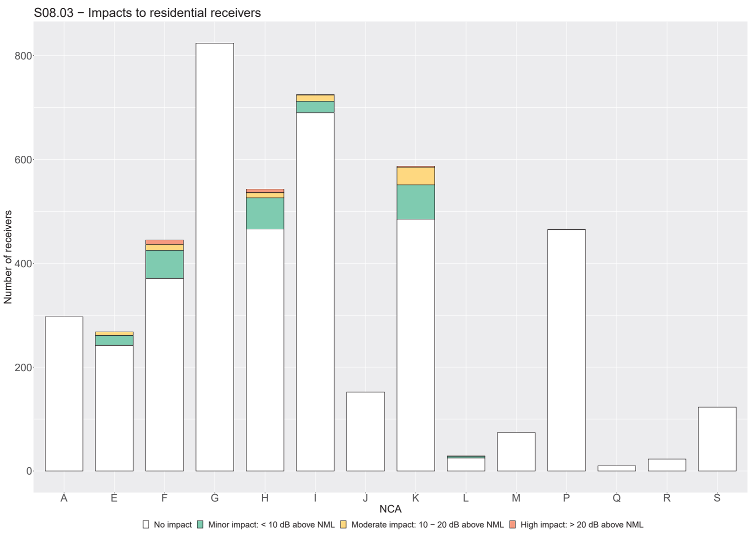
S08.02 – Range of noise levels per non-residential receiver type
Sound pressure level, dBA
100
90
80
70
60
50
40
30
20
3
10
8
17
3
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship

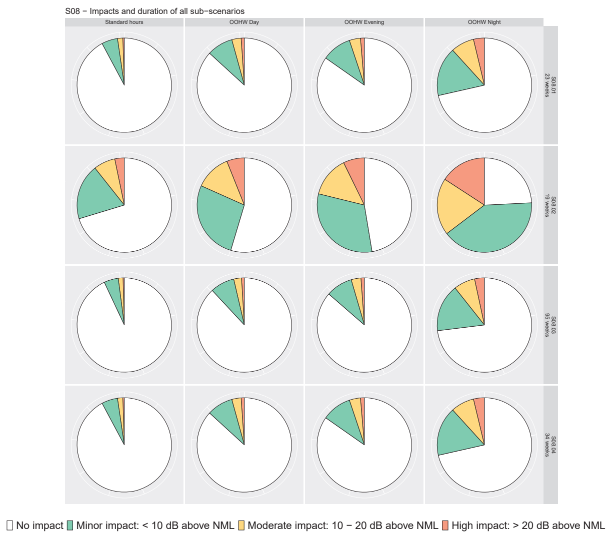

S08.02 – Impacts to residential receivers
Number of receivers
800
600
400
200
0
A E F G H I J K L M P Q R S
NCA
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 – 20 dB above NML
High impact: > 20 dB above NML


S08 – Impacts and duration of all sub-scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 – 20 dB above NML
High impact: > 20 dB above NML

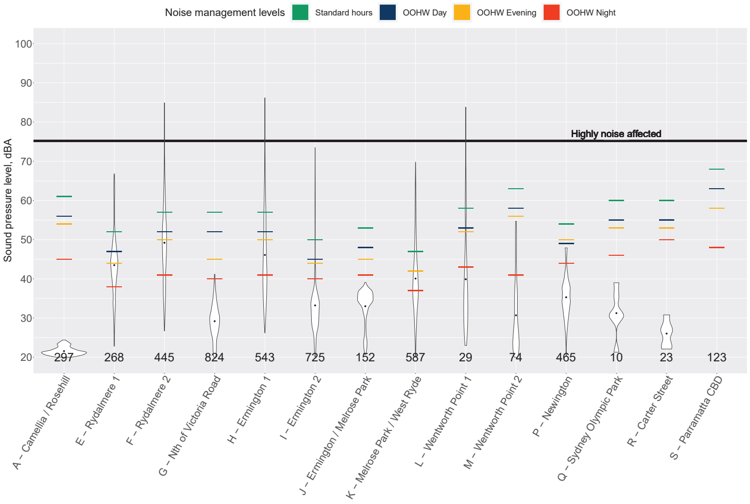

S08.03 – Range of noise levels per residential NCA
Noise management levels
Standard hours
OOHW Day
OOHW Evening
OOHW Night
Sound pressure level, dBA
100
90
80
70
60
50
40
30
20
Highly noise affected
297 268 445 824 543 725 152 587 29 74 465 10 23 123
A – Camellia / Rosehill
E – Rydalmere 1
F – Rydalmere 2
G – Nth of Victoria Road
H – Ermington 1
I – Ermington 2
J – Ermington / Melrose Park
K – Melrose Park / West Ryde
L – Wentworth Point 1
M – Wentworth Point 2
P – Newington
Q – Sydney Olympic Park
R – Carter Street
S – Parramatta CBD


S08.03 – Range of noise levels per non–residential receiver type
Sound pressure level, dBA
100
90
80
70
60
50
40
30
20
2
8
35
422
51
30
226
43
15
Active recreation
Commercial
Educational institute
Hotel
Industrial
Passive recreation
Place of worship

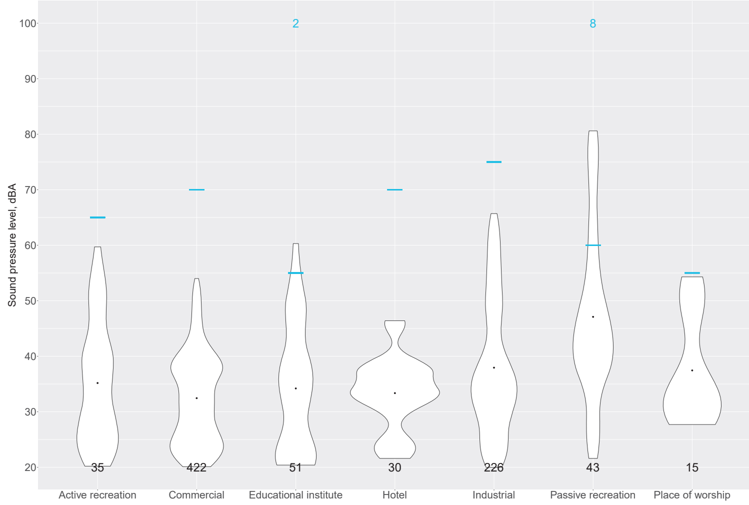

S08.03 – Impacts to residential receivers
Number of receivers
800
600
400
200
0
A E F G H I J K L M P Q R S
NCA
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 – 20 dB above NML
High impact: > 20 dB above NML


S08 – Impacts and duration of all sub–scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 – 20 dB above NML
High impact: > 20 dB above NML

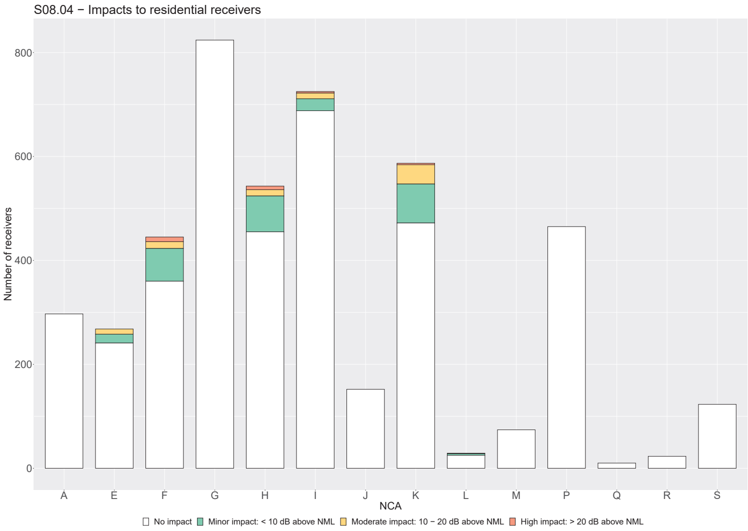
S08.04 – Range of noise levels per residential NCA

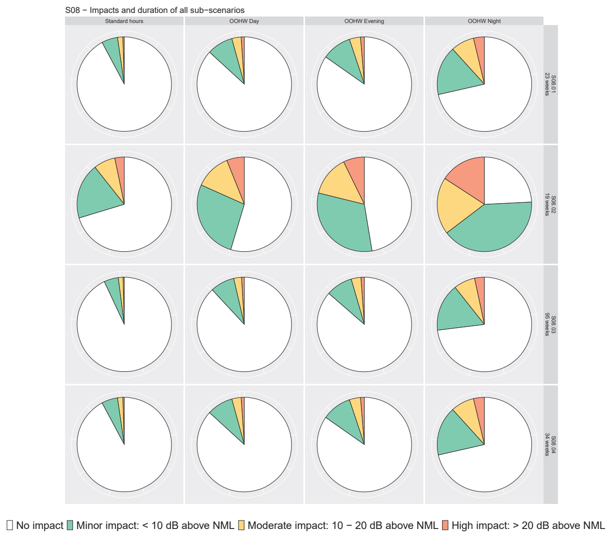


S08.04 – Range of noise levels per non-residential receiver type

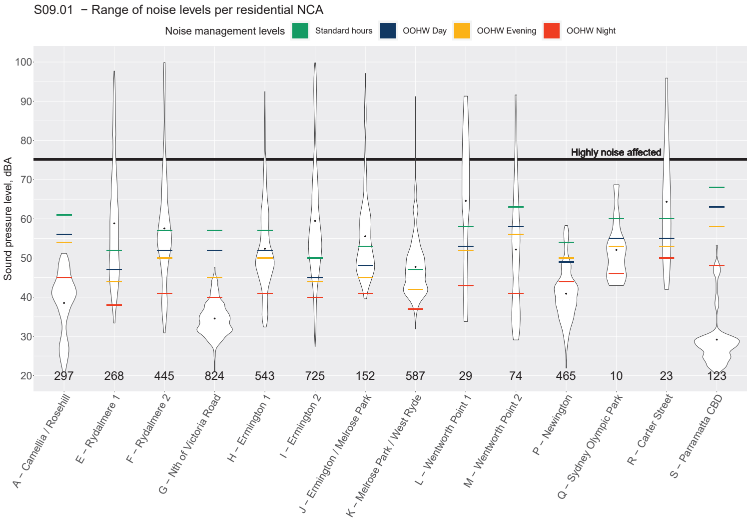


S08.04 – Impacts to residential receivers

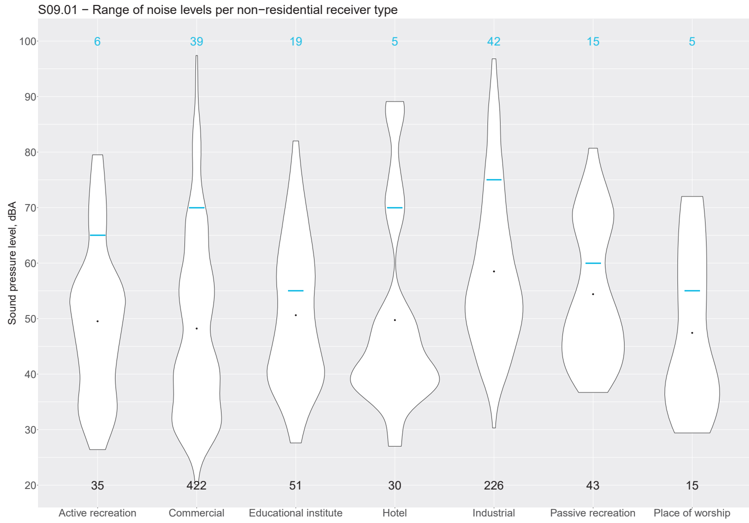




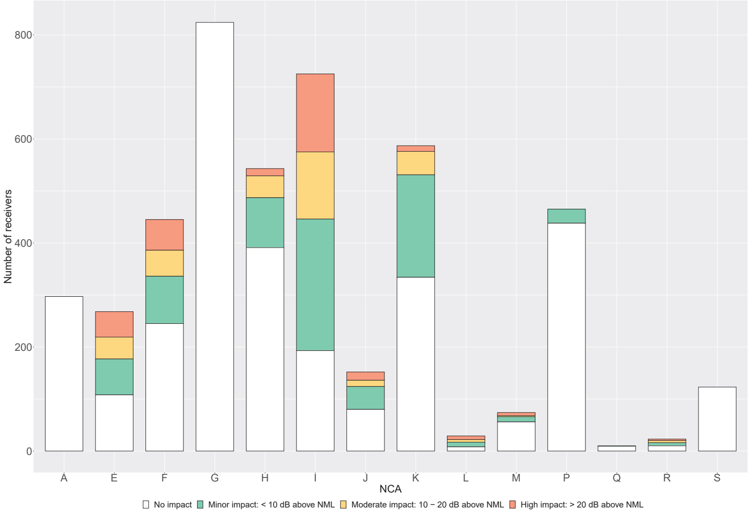
S09.01 – Range of noise levels per residential NCA



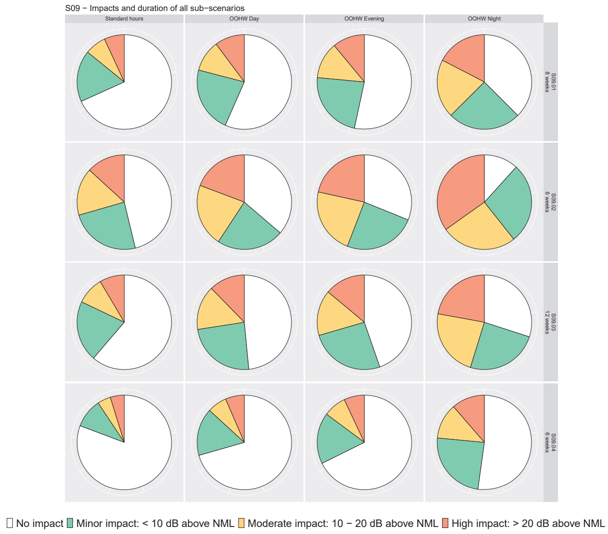
S09.01 – Range of noise levels per non-residential receiver type



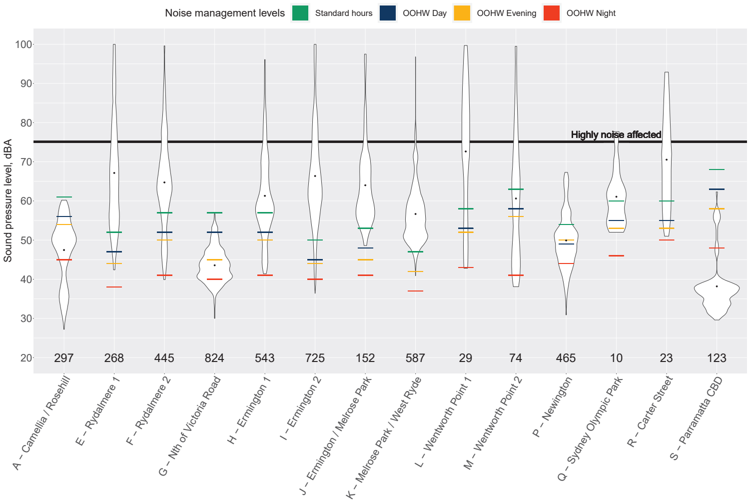
S09.01 − Impacts to residential receivers



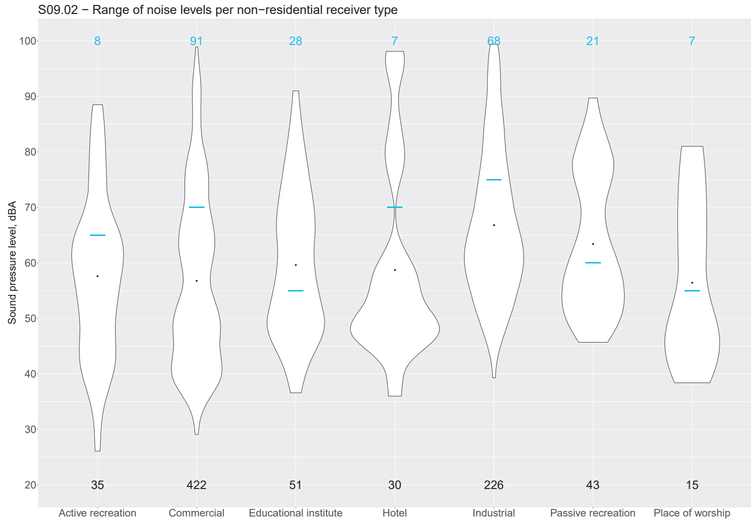
S09 − Impacts and duration of all sub−scenarios



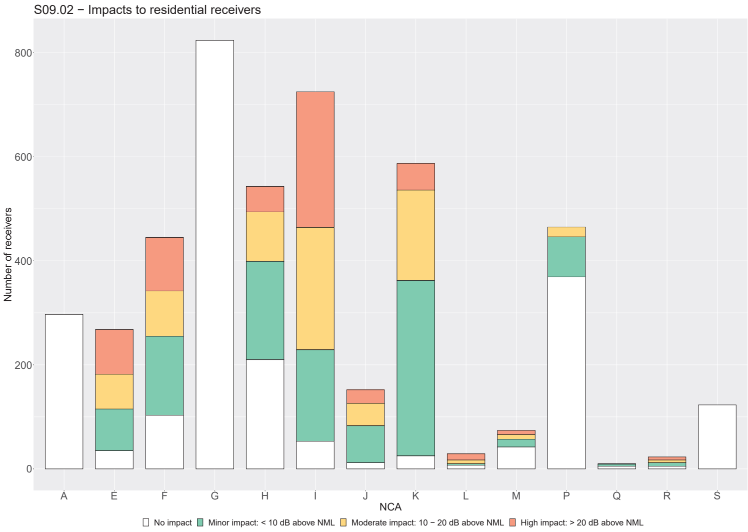
S09.02 − Range of noise levels per residential NCA



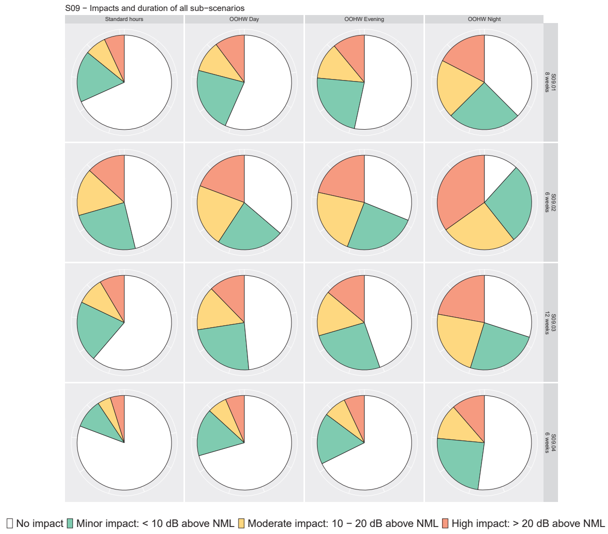
S09.02 − Range of noise levels per non−residential receiver type



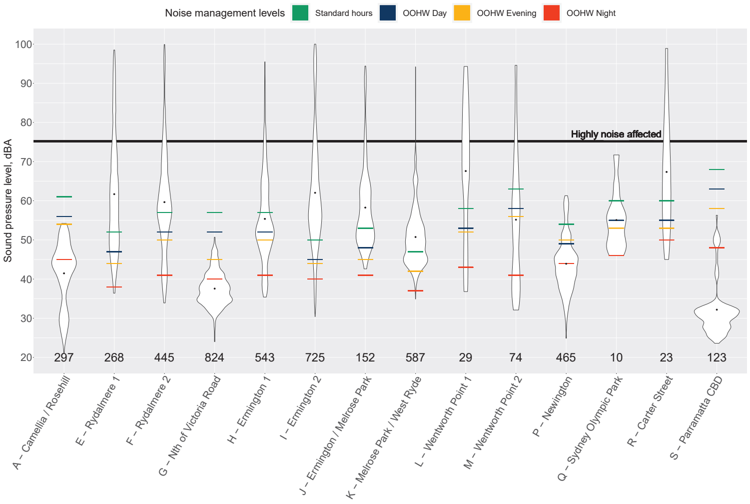
S09.02 − Impacts to residential receivers



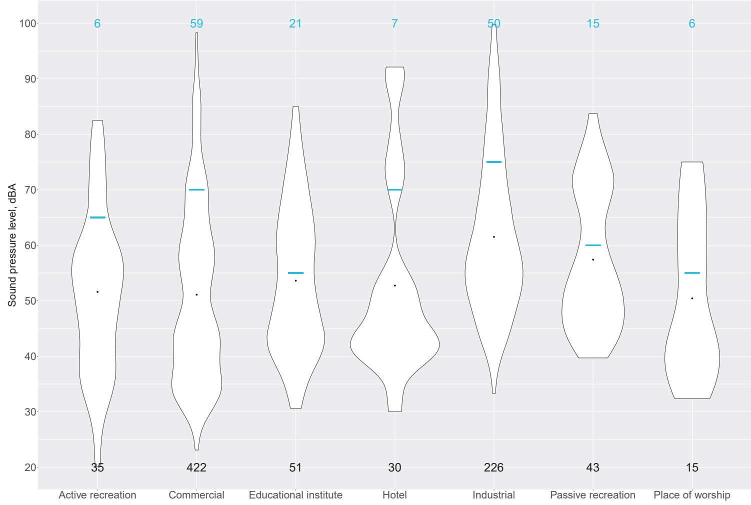
S09 − Impacts and duration of all sub−scenarios



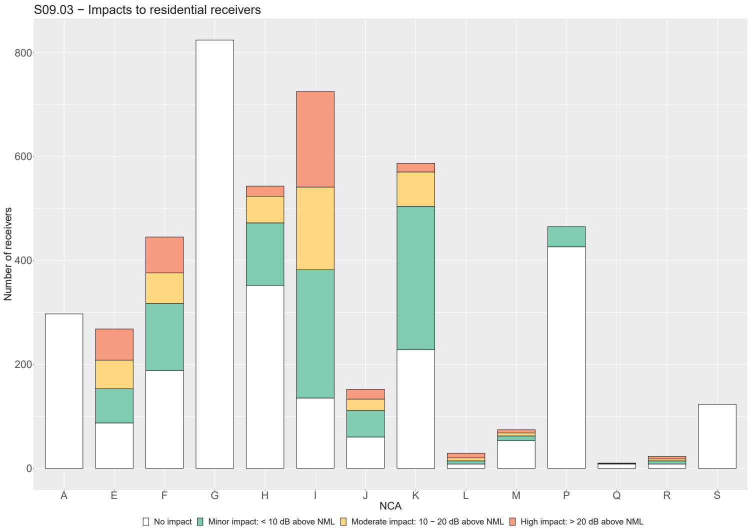
S09.03 – Range of noise levels per residential NCA

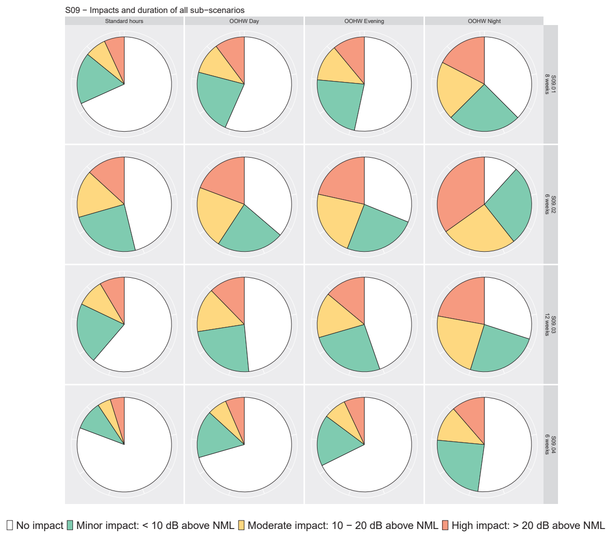


S09.03 – Range of noise levels per non–residential receiver type

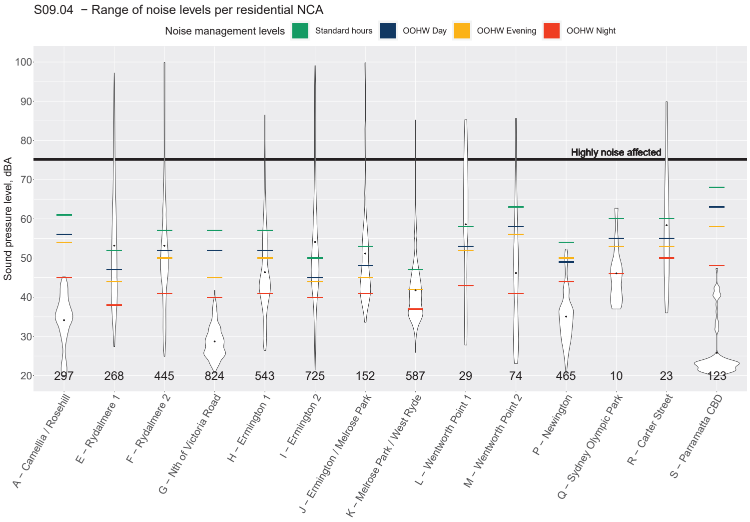


S09.03 – Impacts to residential receivers

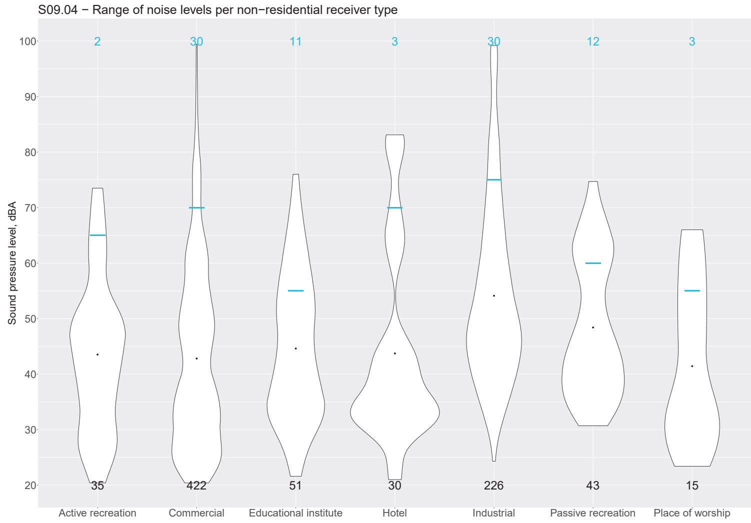


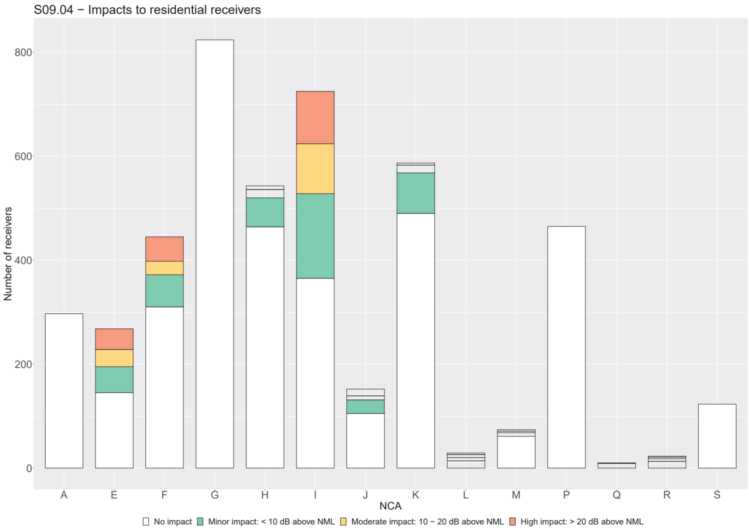


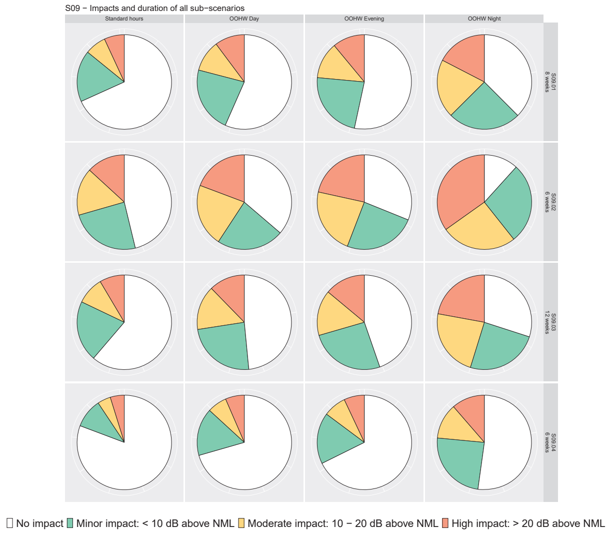
S09.04 – Range of noise levels per residential NCA



S09.04 – Range of noise levels per non–residential receiver type




S09.04 − Impacts to residential receivers
Number of receivers
800
600
400
200
0
A
E
F
G
H
I
J
K
L
M
P
Q
R
S
NCA
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML


S09 − Impacts and duration of all sub−scenarios
Standard hours
OOHW Day
OOHW Evening
OOHW Night
S09.01 8 weeks
S09.02 6 weeks
S09.03 12 weeks
S09.04 6 weeks
No impact
Minor impact: < 10 dB above NML
Moderate impact: 10 − 20 dB above NML
High impact: > 20 dB above NML

F-3 Construction noise and vibration results at sensitive receivers

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
A001	105 Alfred Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	30	24	25	31	38	29	37	36	29	34	30	39	30	38	39	21	34	20	21	41	50	44	35		
A002	107 Alfred Street Parramatta			A	Residential	61	56	54	45	16	30	31	27	30	25	29	18	19	31	38	29	37	36	29	34	30	39	30	33	34	20	33	19	20	39	48	42	33		
A003	109 Alfred Street Parramatta			A	Residential	61	56	54	45	18	32	37	28	31	26	31	22	23	31	38	29	37	36	29	36	32	41	32	38	39	21	34	20	21	41	50	44	35		
A004	111 Alfred Street Parramatta			A	Residential	61	56	54	45	20	34	32	27	30	25	29	19	20	31	38	29	37	36	29	34	30	39	30	32	33	20	33	19	20	35	44	38	29		
A005	113 Alfred Street Parramatta			A	Residential	61	56	54	45	18	32	31	25	28	23	27	17	18	30	37	28	36	35	28	33	29	38	29	33	34	19	32	18	19	35	44	38	29		
A006	115 Alfred Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	30	24	25	32	39	30	38	37	30	34	30	39	30	38	39	21	34	20	21	41	50	44	35		
A007	115 Alfred Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	30	24	25	31	38	29	37	36	29	34	30	39	30	38	39	21	34	20	21	41	50	44	35		
A008	117 Alfred Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	30	24	25	31	38	29	37	36	29	34	30	39	30	38	39	21	34	20	21	41	50	44	35		
A009	119 Alfred Street Parramatta			A	Commercial	70	0	0	0	21	35	35	28	31	26	29	24	25	31	38	29	37	36	29	34	30	39	30	36	37	21	34	20	21	39	48	42	33		
A010	121 Alfred Street Parramatta			A	Commercial	70	0	0	0	12	26	24	23	26	21	23	15	16	27	34	25	33	32	25	34	30	39	30	22	23	20	33	19	20	39	48	42	33		
A011	123 Alfred Street Parramatta			A	Commercial	70	0	0	0	22	36	35	28	31	26	30	25	26	32	39	30	38	37	30	34	30	39	30	39	40	21	34	20	21	44	53	47	38		
A012	125 Alfred Street Parramatta			A	Commercial	70	0	0	0	21	35	35	28	31	26	29	24	25	32	39	30	38	37	30	34	30	39	30	39	40	21	34	20	21	42	51	45	36		
A013	127 Alfred Street Parramatta			A	Commercial	70	0	0	0	22	36	36	29	32	27	31	25	26	33	40	31	39	38	31	37	33	42	33	40	41	23	36	22	23	44	53	47	38		
A014	129 Alfred Street Parramatta			A	Residential	61	56	54	45	22	36	36	28	31	26	30	25	26	33	40	31	39	38	31	34	30	39	30	40	41	21	34	20	21	46	55	49	40		
A015	131 Alfred Street Parramatta			A	Residential	61	56	54	45	19	33	31	22	25	20	26	22	23	28	35	26	34	33	26	33	29	38	29	38	39	16	29	15	16	40	49	43	34		
A016	133 Alfred Street Parramatta			A	Residential	61	56	54	45	21	35	36	29	32	27	31	26	27	32	39	30	38	37	30	35	31	40	31	38	39	21	34	20	21	44	53	47	38		
A017	106 Arthur Street Parramatta			A	Residential	61	56	54	45	22	36	35	29	32	27	31	22	23	31	38	29	37	36	29	36	32	41	32	42	43	22	35	21	22	45	54	48	39		
A018	108 Arthur Street Parramatta			A	Residential	61	56	54	45	22	36	35	29	32	27	31	24	25	32	39	30	38	37	30	35	31	40	31	42	43	22	35	21	22	45	54	48	39		
A019	110 Arthur Street Parramatta			A	Residential	61	56	54	45	23	37	37	30	33	28	31	26	27	34	41	32	40	39	32	36	32	41	32	42	43	22	35	21	22	48	57	51	42		
A020	112 Arthur Street Parramatta			A	Residential	61	56	54	45	23	37	37	30	33	28	31	26	27	34	41	32	40	39	32	36	32	41	32	42	43	22	35	21	22	50	59	53	44		
A021	114 Arthur Street Parramatta			A	Residential	61	56	54	45	22	36	35	28	31	26	30	25	26	34	41	32	40	39	32	36	33	42	33	42	43	22	35	21	22	49	58	52	43		
A022	131 Arthur Street Parramatta			A	Residential	61	56	54	45	24	38	38	31	34	29	32	27	28	35	42	33	41	40	33	37	33	42	33	44	45	24	37	23	24	51	60	54	45		
A023	133 Arthur Street Parramatta			A	Residential	61	56	54	45	23	37	38	31	34	29	32	26	27	34	41	32	40	39	32	37	33	42	33	43	44	23	36	22	23	51	60	54	45		
A024	135 Arthur Street Parramatta			A	Residential	61	56	54	45	23	37	38	31	34	29	32	26	27	34	41	32	40	39	32	37	33	42	33	43	44	23	36	22	23	51	60	54	45		
A025	137 Arthur Street Parramatta			A	Residential	61	56	54	45	24	38	38	31	34	29	32	27	28	36	43	34	42	41	34	37	33	42	33	44	45	24	37	23	24	51	60	54	45		
A026	139 Arthur Street Parramatta			A	Industrial	75	0	0	0	16	30	30	25	28	23	27	21	22	24	31	22	30	29	22	37	33	42	33	40	41	17	30	16	17	42	51	45	36		
A027	139 Arthur Street Parramatta			A	Industrial	75	0	0	0	22	36	34	30	33	28	32	25	26	28	35	26	34	33	26	37	33	42	33	35	36	15	28	14	15	39	48	42	33		
A028	139 Arthur Street Parramatta			A	Industrial	75	0	0	0	17	31	28	25	28	23	28	19	20	25	32	23	31	30	23	37	33	42	33	45	46	22	35	21	22	52	61	55	46		
A029	199 George Street Parramatta			A	Residential	61	56	54	45	19	33	32	24	27	22	26	23	24	32	39	30	38	37	30	36	32	41	32	38	39	21	34	20	21	41	50	44	35		
A030	201 George Street Parramatta			A	Residential	61	56	54	45	20	34	35	25	28	23	28	25	26	32	39	30	38	37	30	35	31	40	31	38	39	21	34	20	21	41	50	44	35		
A031	201 George Street Parramatta			A	Residential	61	56	54	45	22	36	36	29	32	27	31	25	26	32	39	30	38	37	30	35	31	40	31	40	41	22	35	21	22	43	52	46	37		
A032	203 George Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	31	25	26	33	40	31	39	38	31	35	31	40	31	34	35	22	35	21	22	44	53	47	38		
A033	205 George Street Parramatta			A	Residential	61	56	54	45	20	34	34	24	27	22	28	25	26	32	39	30	38	37	30	35	31	40	31	38	39	21	34	20	21	42	51	45	36		
A034	207 George Street Parramatta			A	Residential	61	56	54	45	22	36	37	27	30	25	29	26	27	32	39	30	38	37	30	35	31	40	31	40	41	22	35	21	22	44	53	47	38		
A035	209 George Street Parramatta			A	Residential	61	56	54	45	23	37	39	30	33	28	33	28	29	33	40	31	39	38	31	38	34	43	34	41	42	23	36	22	23	47	56	50	41		
A036	211 George Street Parramatta			A	Residential	61	56	54	45	21	35	33	27	30	25	29	24	25	34	41	32	40	39	32	38	34	43	34	40	41	22	35	21	22	45	54	48	39		
A037	222 George Street Parramatta			A	Residential	61	56	54	45	20	34	35	27	30	25	30	25	26	33	40	31	39	38	31	35	31	40	31	40	41	21	34	20	21	46	55	49	40		
A038	222 George Street Parramatta			A	Residential	61	56	54	45	22	36	37	29	32	27	30	25	26	32	39	30	38	37	30	36	32	41	32	37	38	22	35	21	22	43	52	46	37		
A039	224 George Street Parramatta			A	Residential	61	56	54	45	22	36	36	29	32	27	31	26	27	32	39	30	38	37	30	36	32	41	32	39	40	22	35	21	22	43	52	46	37		
A040	226 George Street Parramatta			A	Residential	61	56	54	45	22	36	36	28	31	26	30	25	26	32	39	30	38	37	30	35	31	40	31	40	41	21	34	20	21	47	56	50	41		
A041	228 George Street Parramatta			A	Residential	61	56	54	45	16	30	32	24	27	22	27	22	23	28	35	26	34	33	26	37	33	42	33	40	41	21	34	20	21	47	56	50	41		
A042	230 George Street Parramatta			A	Residential	61	56	54	45	22	36	36	27	30	25	29	25	26	32	39	30	38	37	30	35	31	40	31	41	42	22	35	21	22	47	56	50	41		
A043	232 George Street Parramatta			A	Residential	61	56	54	45	22	36	37	29	32	27	31	27	28	31	38	29	37	36	29	35	31	40	31	37	38	22	35	21	22	43	52	46	37		
A044	234 George Street Parramatta			A	Residential	61	56	54	45	19	33	35	23	26	21	26	22	23	33	40	31	39	38	31	35	31	40	31	41	42	19	32	18	19	48	57	51	42		
A045	236 George Street Parramatta			A	Residential	61	56	54	45	22	36	35	27	30	25	31	27	28	32	39	30	38	37	30	38	34	43	34	41	42	21	34	20	21	48	57	51	42		
A046	238 George Street Parramatta			A	Residential	61	56	54	45	21	35	33	26	29	24	28	25	26	32	39	30	38	37	30	38	34	43	34	41	42	19	32	18	19	47	56	50	41		
A047	242 George Street Parramatta			A	Residential	61	56	54	45	18	32	32	25	28	23	27	23	24	29	36	27	35	34	27	37	33	42	33	41	42	17	30	16	17	46	55	49	40		
A048	242 George Street Parramatta			A	Residential	61	56	54	45	14	28	29	19	22	17	24	20	21	27	34	25	33	32	25	36	32	41	32	39	40	16	29	15	16	44	53	47	38		
A049	244 George Street Parramatta			A	Residential	61	56	54	45	14	28	27	20	23	18	21	17	18	26	33	24	32	31	24	36	32	41	32	33	34	14	27	13	14	42	51	45	36		
A050	246 George Street Parramatta			A	Residential	61	56	54	45	20	34	32	25	28	23	27	23	24	34	41	32	40	39	32	36	32	41	32	42	43	22	35	21	22	48	57	51	42		
A051	100 Hassall Street Parramatta			A	Residential	61	56	54	45	23	37	37	29	32	27	31	27	28	33	40	31	39	38	31	38	34	43	34	41	42	6	19	5	6	45	54	48	39		
A052	101 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	35	30	33	28	31	25	26	34	41	32	40	39	32	38	34	43	34	42	43	22	35	21	22	48	57	51	42		
A053	102 Hassall Street Parramatta			A	Residential	61	56	54	45	10	24	22	16	19	14	17	13	14	33	40	31	39	38	31	36	32	41	32	25	26	13	26	12	13	45	54	48	39		
A054	79 Hassall Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	31	26	27	32	39	30	38	37	30	34	30	39	30	39	40	21	34	20	21	46	55	49	40		
A055	79 Hassall Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	30	24	25	31	38	29	37	36	29	31	27	36	27	38	39	21	34	20	21	45	54	48	39		
A056	80 Hassall Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	30	24	25	32	39	30	38	37	30	34	30	39	30	39	40	21	34	20	21	43	52	46	37		
A057	82 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	35	29	32	27	30	24	25	32	39	30	38	37	30	34	30	39	30	39	40	21	34	20	21	43	52	46	37		
A058	83 Hassall Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	30	23	24	32	39	30	38	37	30	36	32	41	32	39	40	21	34	20	21	46	55	49	40		
A059	84 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	37	28	31	26	31	26	27	32	39	30	38	37	30	35	31	40	31	39	40	21	34	20	21	43	52	46	37		
A060	86 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	36	28	31	26	29	25	26	32	39	30	38	37	30	35	31	40	31	38	39	21	34	20	21	41	50	44	35		
A061	87 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	36	28	31	26	30	24	25	32	39	30	38	37	30	36	32	41	32	40	41	21	34	20	21	47	56	50	41		
A062	88 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	36	29	32	27	30	25	26	32	39	30	38	37	30	36	32	41	32	40	41	21	34	20	21	44	53	47	38		
A063	89 Hassall Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	31	24	25	31	38	29	37	36	29	34	30	39	30	35	36	20	33	19	20	39	48	42	33		
A064	90 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	37	28	31	26	30	25	26	33	40	31	39	38	31	35	31	40	31	40	41	21	34	20	21	43	52	46	37		
A065	91 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	36	29	32	27	31	25	26	33	40	31	39	38	31	37	33	42	33	40	41	22	35	21	22	48	57	51	42		
A066	91 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	38	29	32	27	32	24	25	33	40	31	39	38	31	37	33	42	33	41	42	22	35	21	22	48	57	51	42		
A067	92 Hassall Street Parramatta			A	Residential	61	56	54	45	21	35	35	28	31	26	29	24	25	33	40	31	39	38	31	35	31	40	31	34	35	19	32	18	19	38	47	41	32		
A068	93 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	38	29	32	27	32	26	27	33	40	31	39	38	31	36	32	41	32	41	42	22	35	21	22	44	53	47	38		
A069	93 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	38	29	32	27	32	26	27	33	40	31	39	38	31	37	33	42	33	41	42	22	35	21	22	48	57	51	42		
A070	93 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	38	29	32	27	32	26	27	33	40	31	39	38	31	36	32	41	32	41	42	22	35	21	22	44	53	47	38		
A071	94 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	36	29	32	27	30	25	26	33	40	31	39	38	31	35	31	40	31	40	41	20	33	19	20	44	53	47	38		
A072	95 Hassall Street Parramatta			A	Residential	61	56	54	45	18	32	35	25	28	23	29	25	26	29	36	27	35	34	27	36	32	41	32	38	39	19	32	18	19	40	49	43	34		
A073	95 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	37	30	33	28	31	26	26	33	40	31	39	38	31	38	34	43	34	41	42	22	35	21	22	48	57	51	42		
A074	96 Hassall Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	30	26	27	30	37	28	36	35	28	36	32	41	32	34	35	19	32	18	19	37	46	40	31		
A075	98 Hassall Street Parramatta			A	Residential	61	56	54	45	23	37	37	30	33	28	31	26	27	33	40	31	39	38	31	36	32	41	32	41	42	6	19	5	6	45	54	48	39		
A076	99 Hassall Street Parramatta			A	Residential	61	56	54	45	22	36	38	29	32	27	32	27	28	32	39	30	38	37	30	38	34	43	34	39	40	22	35	21	22	43	52	46	37		
A077	99 Hassall Street Parramatta			A	Residential	61	56	54	45	23	37	37	30	33	28	31	26	27	33	40	31	39	38	31	38	34	43	34	41	42	22	35	21	22	49	58	52	43		
A078	142 James Ruse Drive Parramatta			A	Industrial	75	0	0	0	16	30	39	21	24	19	23	19	20	36	43	34	42	41	34	40	36	45	36	50	51	13	26	12	13	54	63	57	48		
A079	142 James Ruse Drive Parramatta			A	Industrial	75	0	0	0	19	33	31	28	31	26	30	22	23	27	34	25	33	32	25	36	32	41	32	37	38	12	25	11	12	39	48	42	33		
A080	1 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	31	26	27	32	39	30	38	37	30	36	32	41	32	38	39	21	34	20	21	41	50	44	35		
A081	1 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	31	26	27	31	38	29	37	36	29	35	31	40	31	38	39	21	34	20	21	41	50	44	35		
A082	10 Oak Street Parramatta			A	Residential	61	56	54	45	20	34	35	27	30	25	31	22	23	29	36	27	35	34	27	38	34	43	34	37	38	21	34	20	21	41	50	44	35		
A083	10 Oak Street Parramatta			A	Residential	61	56	54	45	20	34	35	27	30	25	31	22	23	29	36	27	35	34	27	38	34	43	34	37	38	21	34	20	21	41	50	44	35		
A084	11 Oak Street Parramatta			A	Residential	61	56	54	45	22	36	38	29	32	27	31	26	27	32	39	30	38	37	30	37	33	42	33	38	39	21	34	20	21	40	49	43	34		
A085	12 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	32	27	28	33	40	31	39	38	31	37	33	42	33	39	40	21	34	20	21	42	51	45	36		
A086	12 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	32	27	28	33	40	31	39	38	31	37	33	42	33	39	40	21	34	20	21	42	51	45	36		
A087	13 Oak Street Parramatta			A	Residential	61	56	54	45	22	36	36	29	32	27	31	25	26	33	40	31	39	38	31	36	32	41	32	38	39	21	34	20	21	40	49	43	34		
A088	14 Oak Street Parramatta			A	Residential	61	56	54	45	20	34	34	27	30	25	31	21	22	32	39	30	38	37	30	37	33	42	33	39	40	21	34	20	21	41	50	44	35		
A089	14 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	32	25	26	33	40	31	39	38	31	38	34	43	34	38	39	21	34	20	21	41	50	44	35		
A090	15 Oak Street Parramatta			A	Residential	61	56	54	45	22	36	38	29	32	27	32	27	28	33	40	31	39	38	31	37	33	42	33	39	40	22	35	21	22	41	50	44	35		
A091	17 Oak Street Parramatta			A	Residential	61	56	54	45	22	36	36	30	33	28	31	25	26	33	40	31	39	38	31	36	32	41	32	40	41	22	35	21	22	42	51	45	36		
A092	18 Oak Street Parramatta			A	Residential	61	56	54	45	20	34	35	27	30	25	30	22	23	31	38	29	37	36	29	37	33	42	33	37	38	21	34	20	21	39	48	42	33		
A093	19 Oak Street Parramatta			A	Residential	61	56	54	45	23	37	37	30	33	28	31	26	27	33	40	31	39	38	31	38	34	43	34	39	40	22	35	21	22	41	50	44	35		
A094	2 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	36	28	31	26	30	25	26	32	39	30	38	37	30	34	30	39	30	39	40	21	34	20	21	42	51	45	36		
A095	2 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	37	28	31	26	31	26	27	31	38	29	37	36	29	34	30	39	30	38	39	21	34	20	21	41	50	44	35		
A096	20 Oak Street Parramatta			A	Residential	61	56	54	45	17	31	27	24	27	22	24	19	20	27	34	25	33	32	25	29	25	34	25	38	39	22	35	21	22	45	54	48	39		
A097	21 Oak Street Parramatta			A	Residential	61	56	54	45	20	34	36	30	33	28	31	23	24	34	41	32	40	39	32	37	33	42	33	40	41	22	35	21	22	42	51	45	36		
A098	3 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	35	29	32	27	30	25	26	32	39	30	38	37	30	35	31	40	31	39	40	21	34	20	21	41	50	44	35		
A099	6 Oak Street Parramatta			A	Residential	61	56	54	45	22	36	36	29	32	27	31	25	26	33	40	31	39	38	31	35	31	40	31	39	40	22	35	21	22	44	53	47	38		
A100	6 Oak Street Parramatta			A	Residential	61	56	54	45	19	33	35	26	29	24	31	22	23	31	38	29	37	36	29	37	33	42	33	36	37	21	34	20	21	40	49	43	34		
A101	6 Oak Street Parramatta			A	Residential	61	56	54	45	19	33	35	26	29	24	31	22	23	31	38	29	37	36	29	37	33	42	33	36	37	21	34	20	21	40	49	43	34		
A102	7 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	35	29	32	27	30	24	25	32	39	30	38	37	30	36	32	41	32	39	40	21	34	20	21	41	50	44	35		
A103	8 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	33	28	31	26	30	20	21	32	39	30	38	37	30	37	33	42	33	39	40	21	34	20	21	42	51	45	36		
A104	8 Oak Street Parramatta			A	Residential	61	56	54	45	21	35	33	28	31	26	30	20	21	32	39	30	38	37	30	37	33	42	33	39	40	21	34	20	21	42	51	45	36		
A105	9 Oak Street Parramatta			A	Residential	61	56	54	45	22	36	36	29	32	27	30	25	26	32	39	30	38	37	30	36	32	41	32	39	40	21	34	20	21	41	50	44	35		
A106	1 River Road Parramatta			A	Industrial	75	0	0	0	23	37	36	30	33	28	32	26	27	33	40	31	39	38	31	37	33	42	33	43	44	24	37	23	24	48	57	51	42		
A107	12 River Road Parramatta			A	Industrial	75	0	0	0	9	23	23	21	24	19	22	12	13	19	26	17	25	24	17	37	33	42	33	40	41	15	28	14	15	42	51	45	36		
A108	12 River Road Parramatta			A	Industrial	75	0	0	0	17	31	29	30	33	28	32	28	29	29	36	27	35	34	27	37	33	42	33	31	32	21	34	20	21	43	52	46	37		
A109	14 River Road Parramatta			A	Industrial	75	0	0	0	26	40	41	37	40	35	40	29	30	36	43	34	42	41	34	38	34	43	34	42	43	25	38	24	25	43	52	46	37		
A110	14 River Road Parramatta			A	Industrial	75	0	0	0	26	40	41	37	40	35	39	30	31	35	42	33	41	40	33	38	34	43	34	41	42	25	38	24	25	45	54	48	39		
A111	2 River Road Parramatta			A	Residential	61	56	54	45	19	33	32	30	33	28	32	22	23	33	40	31	39	38	31	37	33	42	33	39	40	23	36	22	23	43	52	46	37		
A112	8 River Road Parramatta			A	Residential	61	56	54	45	21	35	33	28	31	26	30	24	25	30	37	28	36	35	28	34	30	39	30	40	41	21	34	20	21	46	55	49	40		
A113	103 Alfred Street Rosehill			A	Residential	61	56	54	45	21	35	35	28	31	26	30	24	25	30	37	28	36	35	28	35	31	40	31	38	39	21	34	20	21	39	48	42	33		
A114	91 Alfred Street Rosehill			A	Residential	61	56	54	45	6	20	18	13	16	11	14	9	10	12	19	10	18	17	10	20	16	25	16	17	18	5	18	4	5	18	27	21	12		
A115	93 Alfred Street Rosehill			A	Residential	61	56	54	45	12	26	24	19	22	17	20	15	16	21	28	19	27	26	19	30	26	35	26	22	23	11	24	10	11	24	33	27	18		
A116	95 Alfred Street Rosehill			A	Residential	61	56	54	45	14	28	33	22	25	20	23	17	18	27	34	25	33	32	25	30	26	35	26	19	20	17	30	16	17	25	34	28	19		
A117	97 Alfred Street Rosehill			A	Residential	61	56	54	45	14	28	31	22	25	20	21	17	18	25	32	23	31	30	23	28	24	33	24	18	19	15	28	14	15	24	33	27	18		
A118	99 Alfred Street Rosehill			A	Residential	61	56	54	45	10	24	28	20	23	18	19	13	14	23	30	21	29	28	21	26	22	31	22	16	17	13	26	12	13	22	31	25	16		
A119	53 Alice Street Rosehill			A	Residential	61	56	54	45	12	26	25	19	22	17	21	15	16	20	27	18	26	25	18	22	18	27	18	26	27	14	27	13	14	30	39	33	24		
A120	55 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	35	28	31	26	30	25	26	32	39	30	38	37	30	35	31	40	31	38	39	22	35	21	22	40	49	43	34		
A121	57 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	35	28	31	26	30	25	26	32	39	30	38	37	30	37	33	42	33	39	40	22	35	21	22	41	50	44	35		
A122	59 Alice Street Rosehill			A	Residential	61	56	54	45	21	35	35	28	31	26	29	24	25	32	39	30	38	37	30	34	30	39	30	38	39	21	34	20	21	40	49	43	34		
A123	61 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	35	28	31	26	30	25	26	32	39	30	38	37	30	36	32	41	32	39	40	21	34	20	21	43	52	46	37		
A124	61 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	35	28	31	26	30	25	26	32	39	30	38	37	30	35	31	40	31	39	40	21	34	20	21	43	52	46	37		
A125	63 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	35	28	31	26	30	25	26	32	39	30	38	37	30	35	31	40	31	40	41	21	34	20	21	42	51	45	36		
A126	63 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	35	28	31	26	30	25	26	32	39	30	38	37	30	35	31	40	31	40	41	21	34	20	21	42	51	45	36		
A127	65 Alice Street Rosehill			A	Residential	61	56	54	45	16	30	28	24	27	22	24	19	20	23	30	21	29	28	21	32	28	37	28	42	43	20	33	19	20	44	53	47	38		
A128	65 Alice Street Rosehill			A	Residential	61	56	54	45	16	30	28	24	27	22	24	19	20	23	30	21	29	28	21	32	28	37	28	42	43	20	33	19	20	44	53	47	38		
A129	67 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	36	28	31	26	32	27	28	33	40	31	39	38	31	38	34	43	34	40	41	21	34	20	21	42	51	45	36		
A130	69 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	36	29	32	27	31	27	28	33	40	31	39	38	31	37	33	42	33	40	41	21	34	20	21	42	51	45	36		
A131	70 Alice Street Rosehill	Elizabeth Farm		A	Commercial	70	0	0	0	22	36	37	29	32	27	30	25	26	33	40	31	39	38	31	35	31	40	31	42	43	21	34	20	21	43	52	46	37		
A132	70 Alice Street Rosehill	Elizabeth Farm		A	Commercial	70	0	0	0	22	36	37	29	32	27	30	25	26	33	40	31	39	38	31	35	31	40	31	42	43	21	34	20	21	43	52	46	37		
A133	71 Alice Street Rosehill			A	Residential	61	56	54	45	22	36	36	29	32	27	31	26	27	32	39	30	38	37	30	37	33	42	33	40	41	21	34	20	21	44	53	47	38		
A134	101 Arthur Street Rosehill			A	Residential	61	56	54	45	19	33	31	26	29	24	27	22	23	26	33	24	32	31	24	28	24	33	24	41	42	20	33	19	20	44	53	47	38		
A135	101 Arthur Street Rosehill			A	Residential	61	56	54	45	21	35	34	27	30	25	30	25	26	28	35	26	34	33	26	32	28	37	28	32	33	20	33	19	20	43	52	46	37		
A136	103 Arthur Street Rosehill			A	Residential	61	56	54	45	19	33	32	26	29	24	28	22	23	27	34	25	33	32	25	29	25	34	25	41	42	20	33	19	20	46	55	49	40		
A137	107 Arthur Street Rosehill			A	Residential	61	56	54	45	23	37	33	26	29	24	29	26	27	33	40	31	39	38	31	33	29	38	29	42	43	21	34	20	21	44	53	47	38		
A138	109 Arthur Street Rosehill			A	Residential	61	56	54	45	20	34	37	30	33	28	32	23	24	33	40	31	39	38	31	30	26	35	26	42	43	22	35	21	22	45	54	48	39		
A139	111 Arthur Street Rosehill			A	Residential	61	56	54	45	22	36	37	30	33	28	32	25	26	34	41	32	40	39	32	37	33	42	33	42	43	22	35	21	22	45	54	48	39		
A140	113 Arthur Street Rosehill			A	Residential	61	56	54	45	21	35	37	30	33	28	31	24	25	34	41	32	40	39	32	37	33	42	33	41	42	22	35	21	22	43	52	46	37		
A141	115 Arthur Street Rosehill			A	Residential	61	56	54	45	23	37	38	30	33	28	33	29	30	34	41	32	40	39	32	39	35	44	35	41	42	22	35	21	22	43	52	46	37		
A142	115 Arthur Street Rosehill			A	Residential	61	56	54	45	23	37	37	30	33	28	32	26	27	34	41	32	40	39	32	37	33	42	33	38	39	22	35	21	22	40	49	43	34		
A143	78 Arthur Street Rosehill			A	Residential	61	56	54	45	20	34	32	27	30	25	29	17	18	27	34	25	33	32	25	35	31	40	31	25	26	17	30	16	17	27	36	30	21		
A144	80 Arthur Street Rosehill			A	Residential	61	56	54	45	9	23	23	19	22	17	19	14	15	19	26	17	25	24	17	29	25	34	25	20	21	10	23	9	10	22	31	25	16		
A145	80 Arthur Street Rosehill			A	Residential	61	56	54	45	21	35	36	28	31	26	29	24	25	30	37	28	36	35	28	35	31	40	31	20	21	19	32	18	19	28	37	31	22		
A146	84 Arthur Street Rosehill			A	Residential	61	56	54	45	21	35	36	28	31	26	29	24	25	30	37	28	36	35	28	33	29	38	29	24	25	19	32	18	19	28	37	31	22		
A147	86 Arthur Street Rosehill			A	Residential	61	56	54	45	14	28	34	23	26	21	22	17	18	30	37	28	36	35	28	35	31	40	31	25	26	16	29	15	16	28	37	31	22		
A148	87 Arthur Street Rosehill			A	Residential	61	56	54	45	17	31	30	23	26	21	21	17	18	23	30	21	29	28	21	34	30	39	30	24	25	14	27	13	14	25	34	28	19		
A149	88 Arthur Street Rosehill			A	Residential	61	56	54	45	22	36	33	29	32	27	30	25	26	29	36	27	35	34	27	35	31	40	31	29	30	20	33	19	20	30	39	33	24		
A150	88 Arthur Street Rosehill			A	Residential	61	56	54	45	11	25	23	18	21	16	20	15	16	26	33	24	32	31	24	27	23	32	23	18	19	13	26	12	13	25	34	28	19		
A151	89 Arthur Street Rosehill			A	Residential	61	56	54	45	18	32	35	29	32	27	31	24	25	28	35	26	34	33	26	37	33	42	33	21	22	20	33	19	20	28	37	31	22		
A152	90 Arthur Street Rosehill			A	Residential	61	56	54	45	18	32	33	26	29	24	28	21	22	27	34	25	33	32	25	31	27	36	27	30	31	20	33	19	20	31	40	34	25		
A153	91 Arthur Street Rosehill			A	Residential	61	56	54	45	24	38	39	31	34	29	32	27	28	34	41	32	40	39	32	37	33	42	33	35	36	23	36	22	23	35	44	38	29		
A154	92 Arthur Street Rosehill			A	Residential	61	56	54	45	20	34	38	27	30	25	30	23	24	31	38	29	37	36	29	36	32	41	32	30	31	20	33	19	20	31	40	34	25		
A155	94 Arthur Street Rosehill			A	Residential	61	56	54	45	22	36	37	29	32	27	31	26	27	33	40	31	39	38	31	37	33	42	33	35	36	21	34	20	21	42	51	45	36		
A156	99 Arthur Street Rosehill			A	Residential	61	56	54	45	21	35	34	28	31	26	30	24	25	29	36	27	35	34	27	37	33	42	33	31	32	20	33	19	20	41	50	44	35		
A157	24 Cavers Lane Rosehill			A	Residential	61	56	54	45	20	34	33	28	31	26	29	17	18	27	34	25	33	32	25	34	30	39	30	22	23	18	31	17	18	26	35	29	20		
A158	26 Cavers Lane Rosehill			A	Residential	61	56	54	45	5	19	22	11	14	9	18	8	9	14	21	12	20	19	12	34	30	39	30	26	27	5	18	4	5	28	37	31	22		
A159	28 Cavers Lane Rosehill			A	Residential	61	56	54	45	15	29	35	27	30	25	28	19	20	28	35	26	34	33	26	36	32	41	32	20	21	19	32	18	19	27	36	30	21		
A160	1-9 Eleanor Street Rosehill			A	Residential	61	56	54	45	9	23	30	16	19	14	17	9	10	24	31	22	30	29	22	31	27	36	27	18	19	8	21	7	8	22	31	25	16		
A161	1-9 Eleanor Street Rosehill			A	Residential	61	56	54	45	21	35	34	29	32	27	30	17	18	28	35	26	34	33	26	33	29	38	29	19	20	18	31	17	18	27	36	30	21		
A162	11 Eleanor Street Rosehill			A	Residential	61	56	54	45	16	30	30	23	26	21	26	16	17	23	30	21	29	28	21	33	29	38	29	17	18	13	26	12	13	25	34	28	19		
A163	13 Eleanor Street Rosehill			A	Residential	61	56	54	45	15	29	29	22	25	20	25	14	15	23	30	21	29	28	21	30	26	35	26	17	18	13	26	12	13	24	33	27	18		
A164	17 Eleanor Street Rosehill			A	Residential	61	56	54	45	15	29	34	22	25	20	23	14	15	27	34	25	33	32	25	28	24	33	24	16	17	12	25	11	12	26	35	29	20		
A165	17 Eleanor Street Rosehill			A	Residential	61	56	54	45	12	26	29	19	22	17	24	16	17	20	27	18	26	25	18	30	26	35	26	20	21	11	24	10	11	26	35	29	20		
A166	21 Eleanor Street Rosehill			A	Residential	61	56	54	45	13	27	30	20	23	18	24	15	16	21	28	19	27	26	19	30	26	35	26	19	20	11	24	10	11	25	34	28	19		
A167	21 Eleanor Street Rosehill			A	Residential	61	56	54	45	22	36	37	29	32	27	31	22	23	32	39	30	38	37	30	36	32	41	32	23	24	21	34	20	21	29	38	32	23		
A168	23 Eleanor Street Rosehill			A	Residential	61	56	54	45	22	36	38	29	32	27	31	24	25	32	39	30	38	37	30	37	33	42	33	25	26	21	34	20	21	30	39	33	24		
A169	25 Eleanor Street Rosehill			A	Residential	61	56	54	45	22	36	37	29	32	27	31	25	26	32	39	30	38	37	30	37	33	42	33	22	23	21	34	20	21	30	39	33	24		
A170	27 Eleanor Street Rosehill			A	Residential	61	56	54	45	21	35	34	28	31	26	30	21	22	27	34	25	33	32	25	38	34	43	34	18	19	19	32	18	19	26	35	29	20		
A171	29 Eleanor Street Rosehill			A	Residential	61	56	54	45	14	28	26	21	24	19	22	15	16	23	30	21	29	28	21	29	25	34	25	21	22	12	25	11	12	23	32	26	17		
A172	35 Eleanor Street Rosehill			A	Residential	61	56	54	45	14	28	31	22	25	20	27	20	21	22	29	20	28	27	20	30	26	35	26	23	24	16	29	15	16	24	33	27	18		
A173	39 Eleanor Street Rosehill			A	Residential	61	56	54	45	21	35	32	27	30	25	29	23	24	27	34	25	33	32	25	36	32	41	32	22	23	19	32	18	19	26	35	29	20		
A174	39 Eleanor Street Rosehill			A	Residential	61	56	54	45	15	29	33	23	26	21	24	18	19	28	35	26	34	33	26	35	31	40	31	22	23	17	30	16	17	27	36	30	21		
A175	41 Eleanor Street Rosehill			A	Residential	61	56	54	45	19	33	36	26	29	24	29	24	25	29	36	27	35	34	27	38	34	43	34	21	22	19	32	18	19	27	36	30	21		
A176	43 Eleanor Street Rosehill			A	Residential	61	56	54	45	17	31	28	24	27	22	26	20	21	23	30	21	29	28	21	34	30	39	30	18	19	18	31	17	18	22	31	25	16		
A177	45 Eleanor Street Rosehill			A	Residential	61	56	54	45	21	35	32	27	30	25	29	24	25	27	34	25	33	32	25	34	30	39	30	22	23	19	32	18	19	26	35	29	20		
A178	47 Eleanor Street Rosehill			A	Residential	61	56	54	45	9	23	28	17	20	15	24	21	22	20	27	18	26	25	18	33	29	38	29	22	23	11	24	10	11	23	32	26	17		
A179	49 Eleanor Street Rosehill			A	Residential	61	56	54	45	16	30	27	23	26	21	25	19	20	23	30	21	29	28	21	34	30	39	30	21	22	16	29	15	16	22	31	25	16		
A180	49 Eleanor Street Rosehill			A	Residential	61	56	54	45	21	35	32	27	30	25	29	24	25	28	35	26	34	33	26	35	31	40	31	18	19	19	32	18	19	26	35	29	20		
A181	49 Eleanor Street Rosehill			A	Residential	61	56	54	45	14	28	30	21	24	19	20	17	18	24	31	22	30	29	22	28	24	33	24	19	20	14	27	13	14	23	32	26	17		
A182	49 Eleanor Street Rosehill			A	Residential	61	56	54	45	19	33	31	26	29	24	28	22	23	25	32	23	31	30	23	34	30	39	30	22	23	18	31	17	18	24	33	27	18		
A183	51 Eleanor Street Rosehill			A	Residential	61	56	54	45	12	26	25	19	22	17	22	16	17	20	27	18	26	25	18	31	27	36	27	19	20	9	22	8	9	22	31	25	16		
A184	103-105 Hassall Street Rosehill	Rosehill Community Preschool		A	Educational institute	55	0	0	0	24	38	38	31	34	29	32	27	28	35	42	33	41	40	33	38	34	43	34	43	44	24	37	23	24	49	58	52	43		
A185	103-105 Hassall Street Rosehill			A	Commercial	70	0	0	0	23	37	37	30	33	28	32	26	27	34	41	32	40	39	32	30	26	35	26	43	44	22	35	21	22	51	60	54	45		
A186	103-105 Hassall Street Rosehill	Rosehill Community Preschool		A	Educational institute	55	0	0	0	24	38	38	31	34	29	32	27	28	35	42	33	41	40	33	37	33	42	33	43	44	24	37	23	24	51	60	54	45		
A187	103-105 Hassall Street Rosehill			A	Commercial	70	0	0	0	24	38	38	31	34	29	32	27	28	35	42	33	41	40	33	38	34	43	34	43	44	23	36	22	23	52	61	55	46		
A188	104-106 Hassall Street Rosehill	Mercure Hotel Parramatta		A	Hotel	70	0	0	0	27	41	42	33	36	31	34	30	31	39	46	37	45	44	37	41	37	46	37	48	49	15	28	14	15	52	61	55	46		
A189	110 Hassall Street Rosehill	Rosehill Bowling Club		A	Commercial	70	0	0	0	25	39	40	33	36	31	34	28	29	37	44	35	43	42	35	40	36	45	36	48	49	25	38	24	25	56	65	59	50		
A190	111 Hassall Street Rosehill			A	Commercial	70	0	0	0	24	38	39	32	35	30	33	27	28	36	43	34	42	41	34	36	32	41	32	46	47	23	36	22	23	53	62	56	47		
A191	113 Hassall Street Rosehill	Bp Service Station		A	Commercial	70	0	0	0	26	40	40	33	36	31	34	29	30	37	44	35	43	42	35	40	36	45	36	47	48	25	38	24	25	56	65	59	50		
A192	113 Hassall Street Rosehill			A	Commercial	70	0	0	0	25	39	40	32	35	30	34	28	29	37	44	35	43	42	35	39	35	44	35	47	48	25	38	24	25	55	64	58	49		
A193	1 Hope Street Rosehill			A	Residential	61	56	54	45	25	39	42	32	35	30	34	30	31	39	46	37	45	44	37	42	38	47	38	46	47	23	36	22	23	49	58	52	43		
A194	10 Hope Street Rosehill			A	Residential	61	56	54	45	25	39	39	31	34	29	33	28	29	36	43	34	42	41	34	41	37	46	37	44	45	23	36	22	23	49	58	52	43		
A195	11 Hope Street Rosehill			A	Residential	61	56	54	45	16	30	37	20	23	18	32	26	27	24	31	22	30	29	22	38	34	43	34	43	44	17	30	16	17	48	57	51	42		
A196	12-16 Hope Street Rosehill			A	Residential	61	56	54	45	25	39	40	32	35	30	33	28	29	36	43	34	42	41	34	39	35	44	35	44	45	24	37	23	24	49	58	52	43		
A197	13 Hope Street Rosehill			A	Residential	61	56	54	45	24	38	38	25	28	23	33	29	30	33	40	31	39	38	31	38	34	43	34	45	46	23	36	22	23	48	57	51	42		
A198	15 Hope Street Rosehill			A	Residential	61	56	54	45	24	38	38	25	28	23	33	29	30	34	41	32	40	39	32	36	32	41	32	46	47	23	36	22	23	49	58	52	43		
A199	17 Hope Street Rosehill			A	Residential	61	56	54	45	27	41	42	32	35	30	35	32	33	39	46	37	45	44	37	41	37	46	37	46	47	24	37	23	24	48	57	51	42		
A200	18-22 Hope Street Rosehill			A	Residential	61	56	54	45	25	39	39	31	34	29	33	28	29	36	43	34	42	41	34	38	34	43	34	44	45	24	37	23	24	46	55	49	40		
A201	23 Hope Street Rosehill			A	Residential	61	56	54	45	27	41	39	32	35	30	34	30	31	38	45	36	44	43	36	34	30	39	30	45	46	24	37	23	24	47	56	50	41		
A202	24 Hope Street Rosehill			A	Residential	61	56	54	45	17	31	21	25	28	23	16	22	23	23	30	21	29	28	21	21	17	26	17	42	43	11	24	10	11	45	54	48	39		
A203	25 Hope Street Rosehill			A	Residential	61	56	54	45	24	38	38	31	34	29	32	27	28	35	42	33	41	40	33	39	35	44	35	43	44	23	36	22	23	47	56	50	41		
A204	27 Hope Street Rosehill			A	Residential	61	56	54	45	12	26	22	15	18	13	17	15	16	21	28	19	27	26	19	30	26	35	26	26	27	11	24	10	11	28	37	31	22		
A205	5 Hope Street Rosehill			A	Residential	61	56	54	45	25	39	41	27	30	25	34	31	32	36	43	34	42	41	34	40	36	45	36	45	46	24	37	23	24	48	57	51	42		
A206	7 Hope Street Rosehill			A	Residential	61	56	54	45	27	41	38	32	35	30	35	30	31	39	46	37	45	44	37	39	35	44	35	41	42	23	36	22	23	48	57	51	42		
A207	8 Hope Street Rosehill			A	Residential	61	56	54	45	25	39	41	31	34	29	35	30	31	36	43	34	42	41	34	41	37	46	37	43	44	24	37	23	24	45	54	48	39		
A208	8 Hope Street Rosehill	Apx Parramatta		A	Hotel	70	0	0	0	25	39	40	31	34	29	33	28	29	37	44	35	43	42	35	42	38	47	38	45	46	23	36	22	23	51	60	54	45		
A209	8 Hope Street Rosehill			A	Residential	61	56	54	45	25	39	39	31	34	29	33	28	29	34	41	32	40	39	32	37	33	42	33	44	45	23	36	22	23	50	59	53	44		
A210	9 Hope Street Rosehill			A	Residential	61	56	54	45	20	34	38	30	33	28	33	23	24	34	41	32	40	39	32	27	23	32	23	46	47	24	37	23	24	50	59	53	44		
A211	102-108 James Ruse Drive Rosehill			A	Residential	61	56	54	45	24	38	40	31	34	29	33	27	28	35	42	33	41	40	33	39	35	44	35	31	32	24	37	23	24	44	53	47	38		
A212	110-114 James Ruse Drive Rosehill	Nesuto Parramatta Apartment Hotel		A	Hotel	70	0	0	0	27	41	43	35	38	33	36	30	31	37	44	35	43	42	35	40	36	45	36	39	40	25	38	24	25	45	54	48	39		
A213	116-118 James Ruse Drive Rosehill	Rydges Parramatta		A	Hotel	70	0	0	0	24	38	41	31	34	29	33	27	28	36	43	34	42	41	34	39	35	44	35	41	42	23	36	22	23	48	57	51	42		
A214	120 James Ruse Drive Rosehill			A	Residential	61	56	54	45	25	39	40	32	35	30	34	28	29	36	43	34	42	41	34	39	35	44	35	44	45	24	37	23	24	50	59	53	44		
A215	126 James Ruse Drive Rosehill			A	Residential	61	56	54	45	25	39	41	32	35	30	34	29	30	37	44	35	43	42	35	40	36	45	36	46	47	23	36	22	23	49	58	52	43		
A216	128 James Ruse Drive Rosehill			A	Residential	61	56	54	45	25	39	41	32	35	30	34	29	30	37	44	35	43	42	35	40	36	45	36	46	47	23	36	22	23	49	58	52	43		
A217	130 James Ruse Drive Rosehill			A	Residential	61	56	54	45	25	39	40	32	35	30	33	28	29	37	44	35	43	42	35	41	37	46	37	47	48	24	37	23	24	50	59	53	44		
A218	132 James Ruse Drive Rosehill	The Camellia Hotel		A	Commercial	70	0	0	0	26	40	42	33	36	31	35	30	31	37	44	35	43	42	35	42	38	47	38	48	49	25	38	24	25	56	65	59	50		
A219	82-100 James Ruse Drive Rosehill			A	Residential	61	56	54	45	27	41	40	34	37	32	34	28	29	35	42	33	41	40	33	42	38	47	38	28	29	23	36	22	23	38	47	41	32		
A220	82-100 James Ruse Drive Rosehill			A	Residential	61	56	54	45	24	38	40	31	34	29	33	27	28	35	42	33	41	40	33	42	38	47	38	29	30	24	37	23	24	39	48	42	33		
A221	82-100 James Ruse Drive Rosehill			A	Residential	61	56	54	45	26	40	41	33	36	31	34	27	28	36	43	34	42	41	34	41	37	46	37	27	28	23	36	22	23	37	46	40	31		
A222	88 James Ruse Drive Rosehill			A	Residential	61	56	54	45	27	41	41	33	36	31	34	28	29	37	44	35	43	42	35	41	37	46	37	27	28	23	36	22	23	38	47	41	32		
A223	22-24 Oak Street Rosehill	Australian Red Cross Blood Service		A	Commercial	70	0	0	0	22	36	35	29	32	27	31	21	22	31	38	29	37	36	29	36	32	41	32	37	38	24	37	23	24	46	55	49	40		
A224	23 Oak Street Rosehill			A	Residential	61	56	54	45	22	36	37	31	34	29	32	25	26	35	42	33	41	40	33	37	33	42	33	43	44	22	35	21	22	45	54	48	39		
A225	25 Oak Street Rosehill			A	Residential	61	56	54	45	22	36	39	31	34	29	33	27	28	35	42	33	41	40	33	39	35	44	35	43	44	23	36	22	23	46	55	49	40		
A226	26-28 Oak Street Rosehill	Woolworths Rosehill		A	Commercial	70	0	0	0	23	37	35	30	33	28	32	22	23	35	42	33	41	40	33	38	34	43	34	48	49	24	37	23	24	53	62	56	47		
A227	30-36 Oak Street Rosehill			A	Commercial	70	0	0	0	22	36	37	29	32	27	32	25	26	32	39	30	38	37	30	39	35	44	35	46	47	23	36	22	23	53	62	56	47		
A228	37 Oak Street Rosehill			A	Residential	61	56	54	45	23	37	38	31	34	29	33	26	27	36	43	34	42	41	34	38	34	43	34	38	39	23	36	22	23	40	49	43	34		
A229	37 Oak Street Rosehill			A	Residential	61	56	54	45	25	39	39	32	35	30	33	28	29	36	43	34	42	41	34	39	35	44	35	45	46	23	36	22	23	48	57	51	42		
A230	39 Oak Street Rosehill			A	Residential	61	56	54	45	25	39	40	32	35	30	34	28	29	37	44	35	43	42	35	40	36	45	36	46	47	24	37	23	24	51	60	54	45		
A231	41 Oak Street Rosehill			A	Residential	61	56	54	45	25	39	40	32	35	30	33	28	29	36	43	34	42	41	34	41	37	46	37	47	48	23	36	22	23	50	59	53	44		
A232	43 Oak Street Rosehill			A	Residential	61	56	54	45	25	39	40	32	35	30	34	28	29	37	44	35	43	42	35	40	36	45	36	47	48	24	37	23	24	51	60	54	45		
A233	48-50 Penelope Lucas Lane Rosehill			A	Residential	61	56	54	45	16	30	30	24	27	22	25	14	15	24	31	22	30	29	22	34	30	39	30	17	18	17	30	16	17	24	33	27	18		
A234	10 Prospect Street Rosehill			A	Residential	61	56	54	45	24	38	42	31	34	29	34	29	30	35	42	33	41	40	33	41	37	46	37	39	40	23	36	22	23	41	50	44	35		
A235	10 Prospect Street Rosehill			A	Residential	61	56	54	45	5	19	37	12	15	10	30	26	27	15	22	13	21	20	13	40	36	45	36	19	20	3	16	2	3	41	50	44	35		
A236	12-16 Prospect Street Rosehill			A	Residential	61	56	54	45	23	37	39	30	33	28	33	28	29	31	38	29	37	36	29	37	33	42	33	33	34	21	34	20	21	40	49	43	34		
A237	12-16 Prospect Street Rosehill			A	Residential	61	56	54	45	13	27	30	20	23	18	22	17	18	22	29	20	28	27	20	26	22	31	22	37	38	14	27	13	14	38	47	41	32		
A238	18 Prospect Street Rosehill			A	Residential	61	56	54	45	24	38	40	31	34	29	32	27	28	34	41	32	40	39	32	38	34	43	34	39	40	23	36	22	23	41	50	44	35		
A239	19 Prospect Street Rosehill			A	Residential	61	56	54	45	23	37	39	30	33	28	32	26	27	34	41	32	40	39	32	37	33	42	33	40	41	22	35	21	22	42	51	45	36		
A240	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	8	22	33	15	18	13	28	24	25	19	26	17	25	24	17	34	30	39	30	33	34	9	22	8	9	39	48	42	33		
A241	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	23	37	39	30	33	28	31	26	27	34	41	32	40	39	32	37	33	42	33	37	38	21	34	20	21	39	48	42	33		
A242	22 Prospect Street Rosehill			A	Residential	61	56	54	45	19	33	37	26	29	24	30	26	27	27	34	25	33	32	25	34	30	39	30	28	29	19	32	18	19	30	39	33	24		
A243	22 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	37	29	32	27	31	25	26	31	38	29	37	36	29	35	31	40	31	37	38	21	34	20	21	39	48	42	33		
A244	22 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	38	29	32	27	31	27	28	30	37	28	36	35	28	37	33	42	33	31	32	20	33	19	20	32	41	35	26		
A245	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	23	37	39	30	33	28	31	26	27	34	41	32	40	39	32	37	33	42	33	37	38	22	35	21	22	40	49	43	34		
A246	22 Prospect Street Rosehill			A	Residential	61	56	54	45	16	30	30	23	26	21	27	22	23	23	30	21	29	28	21	28	24	33	24	25	26	17	30	16	17	26	35	29	20		
A247	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	23	37	35	29	32	27	31	26	27	28	35	26	34	33	26	37	33	42	33	24	25	21	34	20	21	28	37	31	22		
A248	22 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	40	29	32	27	32	28	29	33	40	31	39	38	31	39	35	44	35	38	39	22	35	21	22	40	49	43	34		
A249	22 Prospect Street Rosehill			A	Residential	61	56	54	45	6	20	33	13	16	11	27	23	24	15	22	13	21	20	13	33	29	38	29	30	31	7	20	6	7	31	40	34	25		
A250	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	11	25	28	18	21	16	15	14	15	21	28	19	27	26	19	24	20	29	20	33	34	7	20	6	7	38	47	41	32		
A251	22 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	39	29	32	27	32	28	29	31	38	29	37	36	29	36	32	41	32	35	36	20	33	19	20	36	45	39	30		
A252	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	23	37	39	30	33	28	31	26	27	33	40	31	39	38	31	36	32	41	32	38	39	22	35	21	22	39	48	42	33		
A253	22 Prospect Street Rosehill			A	Residential	61	56	54	45	10	24	23	17	20	15	18	13	14	18	25	16	24	23	16	20	16	25	16	37	38	11	24	10	11	39	48	42	33		
A254	22 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	38	29	32	27	31	26	27	33	40	31	39	38	31	37	33	42	33	37	38	22	35	21	22	39	48	42	33		
A255	22 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	38	29	32	27	30	25	26	33	40	31	39	38	31	36	32	41	32	36	37	21	34	20	21	38	47	41	32		
A256	22 Prospect Street Rosehill			A	Residential	61	56	54	45	9	23	22	15	18	13	17	11	12	16	23	14	22	21	14	19	15	24	15	37	38	9	22	8	9	39	48	42	33		
A257	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	22	36	38	29	32	27	30	25	26	32	39	30	38	37	30	36	32	41	32	36	37	20	33	19	20	38	47	41	32		
A258	22 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	39	29	32	27	32	27	28	32	39	30	38	37	30	38	34	43	34	35	36	21	34	20	21	36	45	39	30		
A259	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	23	37	39	30	33	28	31	26	27	33	40	31	39	38	31	39	35	44	35	38	39	21	34	20	21	40	49	43	34		
A260	22 Prospect Street Rosehill			A	Residential	61	56	54	45	16	30	37	24	27	22	17	21	22	32	39	30	38	37	30	34	30	39	30	35	36	21	34	20	21	36	45	39	30		
A261	22 Prospect Street Rosehill	Rosehill Public School		A	Educational institute	55	0	0	0	23	37	39	30	33	28	31	26	27	33	40	31	39	38	31	37	33	42	33	38	39	21	34	20	21	40	49	43	34		
A262	23 Prospect Street Rosehill			A	Residential	61	56	54	45	23	37	41	30	33	28	33	28	29	34	41	32	40	39	32	40	36	45	36	39	40	23	36	22	23	42	51	45	36		
A263	23 Prospect Street Rosehill			A	Residential	61	56	54	45	23	37	41	30	33	28	33	28	29	34	41	32	40	39	32	40	36	45	36	39	40	23	36	22	23	42	51	45	36		
A264	25 Prospect Street Rosehill			A	Residential	61	56	54	45	23	37	41	30	33	28	31	26	27	34	41	32	40	39	32	38	34	43	34	39	40	21	34	20	21	41	50	44	35		
A265	27 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	39	29	32	27	31	26	27	31	38	29	37	36	29	37	33	42	33	34	35	20	33	19	20	40	49	43	34		
A266	29 Prospect Street Rosehill	Little Angels Kindergarten		A	Educational institute	55	0	0	0	22	36	38	29	32	27	31	25	26	32	39	30	38	37	30	37	33	42	33	38	39	21	34	20	21	40	49	43	34		
A267	33 Prospect Street Rosehill			A	Residential	61	56	54	45	23	37	38	30	33	28	31	26	27	33	40	31	39	38	31	37	33	42	33	38	39	22	35	21	22	40	49	43	34		
A268	35 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	38	29	32	27	30	25	26	32	39	30	38	37	30	35	31	40	31	33	34	21	34	20	21	34	43	37	28		
A269	37 Prospect Street Rosehill			A	Residential	61	56	54	45	12	26	26	19	22	17	20	15	16	20	27	18	26	25	18	22	18	27	18	35	36	13	26	12	13	36	45	39	30		
A270	39 Prospect Street Rosehill			A	Residential	61	56	54	45	21	35	39	28	31	26	31	26	27	32	39	30	38	37	30	37	33	42	33	35	36	20	33	19	20	36	45	39	30		
A271	41 Prospect Street Rosehill			A	Residential	61	56	54	45	11	25	25	18	21	16	19	14	15	19	26	17	25	24	17	21	17	26	17	35	36	12	25	11	12	36	45	39	30		
A272	43 Prospect Street Rosehill			A	Residential	61	56	54	45	15	29	31	22	25	20	23	18	19	27	34	25	33	32	25	24	20	29	20	35	36	19	32	18	19	36	45	39	30		
A273	44 Prospect Street Rosehill			A	Residential	61	56	54	45	22	36	37	29	32	27	30	24	25	32	39	30	38	37	30	35	31	40	31	36	37	21	34	20	21	37	46	40	31		
A274	45 Prospect Street Rosehill			A	Residential	61	56	54	45	15	29	31	22	25	20	27	23	24	23	30	21	29	28	21	33	29	38	29	33	34	17	30	16	17	37	46	40	31		
A275	46-48 Prospect Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	30	24	25	31	38	29	37	36	29	37	33	42	33	35	36	21	34	20	21	36	45	39	30		
A276	49 Prospect Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	30	24	25	31	38	29	37	36	29	34	30	39	30	35	36	21	34	20	21	38	47	41	32		
A277	50 Prospect Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	30	24	25	31	38	29	37	36	29	35	31	40	31	35	36	21	34	20	21	36	45	39	30		
A278	51 Prospect Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	30	24	25	31	38	29	37	36	29	34	30	39	30	34	35	21	34	20	21	38	47	41	32		
A279	52 Prospect Street Rosehill			A	Residential	61	56	54	45	12	26	25	19	22	17	21	15	16	19	26	17	25	24	17	21	17	26	17	25	26	14	27	13	14	27	36	30	21		
A280	52 Prospect Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	29	24	25	31	38	29	37	36	29	34	30	39	30	35	36	21	34	20	21	36	45	39	30		
A281	1-3 Virginia Street Rosehill			A	Residential	61	56	54	45	5	19	26	12	15	10	22	18	19	15	22	13	21	20	13	39	35	44	35	22	23	5	18	4	5	25	34	28	19		
A282	1-3 Virginia Street Rosehill			A	Residential	61	56	54	45	7	21	23	16	19	14	19	15	16	16	23	14	22	21	14	33	29	38	29	18	19	10	23	9	10	24	33	27	18		
A283	10 Virginia Street Rosehill			A	Residential	61	56	54	45	8	22	28	15	18	13	22	15	16	21	28	19	27	26	19	29	25	34	25	24	25	7	20	6	7	27	36	30	21		
A284	15 Virginia Street Rosehill			A	Residential	61	56	54	45	11	25	24	22	25	20	21	16	17	21	28	19	27	26	19	26	22	31	22	19	20	14	27	13	14	21	30	24	15		
A285	2-4 Virginia Street Rosehill	Fun2learn Early Learning Centre		A	Educational institute	55	0	0	0	16	30	39	30	33	28	31	21	22	34	41	32	40	39	32	37	33	42	33	20	21	21	34	20	21	32	41	35	26		
A286	24 Virginia Street Rosehill			A	Residential	61	56	54	45	6	20	22	13	16	11	18	14	15	14	21	12	20	19	12	31	27	36	27	25	26	6	19	5	6	26	35	29	20		
A287	22 Virginia Street Rosehill			A	Residential	61	56	54	45	17	31	33	24	27	22	26	20	21	25	32	23	31	30	23	32	28	37	28	27	28	18	31	17	18	28	37	31	22		
A288	20 Virginia Street Rosehill			A	Residential	61	56	54	45	12	26	27	20	23	18	21	15	16	19	26	17	25	24	17	33	29	38	29	20	21	14	27	13	14	21	30	24	15		
A289	26 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	34	28	31	26	31	26	27	27	34	25	33	32	25	36	32	41	32	29	30	20	33	19	20	38	47	41	32		
A290	30 Virginia Street Rosehill			A	Residential	61	56	54	45	18	32	34	25	28	23	30	25	26	26	33	24	32	31	24	34	30	39	30	24	25	19	32	18	19	25	34	28	19		
A291	34 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	30	24	25	29	36	27	35	34	27	34	30	39	30	27	28	21	34	20	21	29	38	32	23		
A292	36 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	36	28	31	26	31	26	27	29	36	27	35	34	27	35	31	40	31	25	26	20	33	19	20	28	37	31	22		
A293	42 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	30	24	25	29	36	27	35	34	27	35	31	40	31	23	24	20	33	19	20	28	37	31	22		
A294	44 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	35	28	31	26	29	24	25	28	35	26	34	33	26	35	31	40	31	24	25	19	32	18	19	27	36	30	21		
A295	45-55 Virginia Street Rosehill			A	Residential	61	56	54	45	10	24	24	17	20	15	19	13	14	18	25	16	24	23	16	20	16	25	16	30	31	12	25	11	12	31	40	34	25		
A296	45-55 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	35	28	31	26	29	24	25	28	35	26	34	33	26	31	27	36	27	35	36	19	32	18	19	36	45	39	30		
A297	45-55 Virginia Street Rosehill			A	Residential	61	56	54	45	11	25	25	19	22	17	21	14	15	19	26	17	25	24	17	21	17	26	17	21	22	14	27	13	14	31	40	34	25		
A298	5 Virginia Street Rosehill			A	Residential	61	56	54	45	13	27	27	20	23	18	22	16	17	21	28	19	27	26	19	30	26	35	26	29	30	17	30	16	17	34	43	37	28		
A299	50 Virginia Street Rosehill			A	Residential	61	56	54	45	11	25	25	18	21	16	20	14	15	19	26	17	25	24	17	23	19	28	19	29	30	13	26	12	13	30	39	33	24		
A300	50 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	36	28	31	26	29	24	25	29	36	27	35	34	27	34	30	39	30	32	33	20	33	19	20	34	43	37	28		
A301	52 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	29	24	25	30	37	28	36	35	28	34	30	39	30	30	31	20	33	19	20	28	37	31	22		
A302	2-4 Virginia Street Rosehill			A	Residential	61	56	54	45	12	26	28	25	28	23	21	17	18	24	31	22	30	29	22	42	38	47	38	18	19	14	27	13	14	27	36	30	21		
A303	64 Virginia Street Rosehill			A	Residential	61	56	54	45	20	34	36	27	30	25	29	23	24	30	37	28	36	35	28	34	30	39	30	28	29	20	33	19	20	29	38	32	23		
A304	8-16 Virginia Street Rosehill			A	Residential	61	56	54	45	23	37	35	30	33	28	31	21	22	30	37	28	36	35	28	34	30	39	30	20	21	21	34	20	21	29	38	32	23		
A305	8-16 Virginia Street Rosehill			A	Residential	61	56	54	45	21	35	35	28	31	26	31	26	27	27	34	25	33	32	25	34	30	39	30	25	26	20	33	19	20	26	35	29	20		
A306	14 Weston Street Rosehill			A	Residential	61	56	54	45	24	38	40	30	33	28	32	27	28	35	42	33	41	40	33	40	36	45	36	40	41	22	35	21	22	43	52	46	37		
A307	15 Weston Street Rosehill			A	Residential	61	56	54	45	21	35	35	28	31	26	30	24	25	29	36	27	35	34	27	31	27	36	27	39	40	20	33	19	20	41	50	44	35		
A308	17 Weston Street Rosehill			A	Residential	61	56	54	45	18	32	33	25	28	23	27	21	22	28	35	26	34	33	26	28	24	33	24	32	33	20	33	19	20	41	50	44	35		
A309	18 Weston Street Rosehill			A	Residential	61	56	54	45	14	28	28	21	24	19	23	17	18	23	30	21	29	28	21	27	23	32	23	28	29	15	28	14	15	42	51	45	36		
A310	18 Weston Street Rosehill			A	Residential	61	56	54	45	23	37	40	30	33	28	32	26	27	34	41	32	40	39	32	39	35	44	35	40	41	22	35	21	22	42	51	45	36		
A311	20 Weston Street Rosehill			A	Residential	61	56	54	45	23	37	39	30	33	28	31	26	27	33	40	31	39	38	31	36	32	41	32	37	38	21	34	20	21	38	47	41	32		
A312	20 Weston Street Rosehill			A	Residential	61	56	54	45	17	31	26	24	27	22	20	21	22	33	40	31	39	38	31	24	20	29	20	40	41	14	27	13	14	42	51	45	36		
A313	21 Weston Street Rosehill			A	Residential	61	56	54	45	23	37	39	30	33	28	31	26	27	34	41	32	40	39	32	36	32	41	32	35	36	22	35	21	22	37	46	40	31		
A314	22 Weston Street Rosehill			A	Residential	61	56	54	45	23	37	39	30	33	28	31	26	27	34	41	32	40	39	32	37	33	42	33	39	40	21	34	20	21	41	50	44	35		
A315	24 Weston Street Rosehill			A	Residential	61	56	54	45	23	37	39	29	32	27	31	26	27	33	40	31	39	38	31	37	33	42	33	39	40	21	34	20	21	40	49	43	34		
A316	25 Weston Street Rosehill			A	Residential	61	56	54	45	22	36	36	29	32	27	31	25	26	31	38	29	37	36	29	33	29	38	29	35	36	20	33	19	20	36	45	39	30		
A317	27 Weston Street Rosehill			A	Residential	61	56	54	45	23	37	38	30	33	28	32	26	27	34	41	32	40	39	32	37	33	42	33	32	33	22	35	21	22	33	42	36	27		
A318	28 Weston Street Rosehill			A	Residential	61	56	54	45	22	36	38	29	32	27	31	25	26	33	40	31	39	38	31	36	32	41	32	38	39	21	34	20	21	40	49	43	34		
A319	29 Weston Street Rosehill			A	Residential	61	56	54	45	22	36	37	29	32	27	31	26	27	31	38	29	37	36	29	38	34	43	34	32	33	20	33	19	20	40	49	43	34		
A320	3 Weston Street Rosehill			A	Residential	61	56	54	45	25	39	41	32	35	30	33	28	29	36	43	34	42	41	34	40	36	45	36	43	44	23	36	22	23	49	58	52	43		
A321	30 Weston Street Rosehill			A	Residential	61	56	54	45	10	24	24	17	20	15	18	13	14	18	25	16	24	23	16	21	17	26	17	38	39	11	24	10	11	39	48	42	33		
A322	31 Weston Street Rosehill			A	Residential	61	56	54	45	22	36	38	28	31	26	32	27	28	32	39	30	38	37	30	38	34	43	34	37	38	21	34	20	21	41	50	44	35		
A323	32 Weston Street Rosehill			A	Residential	61	56	54	45	16	30	29	23	26	21	24	19	20	23	30	21	29	28	21	26	22	31	22	37	38	17	30	16	17	38	47	41	32		
A324	33 Weston Street Rosehill			A	Residential	61	56	54	45	22	36	36	28	31	26	30	25	26	32	39	30	38	37	30	35	31	40	31	37	38	21	34	20	21	41	50	44	35		
A325	34 Weston Street Rosehill			A	Residential	61	56	54	45	22	36	38	29	32	27	30	25	26	32	39	30	38	37	30	35	31	40	31	35	36	21	34	20	21	36	45	39	30		
A326	34 Weston Street Rosehill			A	Residential	61	56	54	45	22	36	38	29	32	27	30	25	26	32	39	30	38	37	30	35	31	40	31	35	36	21	34	20	21	36	45	39	30		
A327	36 Weston Street Rosehill			A	Residential	61	56	54	45	13	27	26	20	23	18	22	16	17	22	29	20	28	27	20	24	20	29	20	36	37	14	27	13	14	39	48	42	33		
A328	37 Weston Street Rosehill			A	Residential	61	56	54	45	21	35	34	28	31	26	30	24	25	30	37	28	36	35	28	32	28	37	28	40	41	20	33	19	20	43	52	46	37		
A329	37 Weston Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	31	26	27	31	38	29	37	36	29	35	31	40	31	38	39	20	33	19	20	40	49	43	34		
A330	37 Weston Street Rosehill			A	Residential	61	56	54	45	21	35	37	28	31	26	31	26	27	31	38	29	37	36	29	35	31	40	31	38	39	20	33	19	20	40	49	43	34		
A331	38 Weston Street Rosehill			A	Residential	61	56	54	45	21	35	38	28	31	26	31	26	27	32	39	30	38	37	30	37	33	42	33	36	37	20	33	19	20	39	48	42	33		
A332	39 Weston Street Rosehill			A	Residential	61	56	54	45	15	29	28	22	25	20	24	18	19	23	30	21	29	28	21	25	21	30	21	37	38	17	30	16	17	40	49	43	34		
A333	40 Weston Street Rosehill			A	Residential	61	56	54	45	19	33	32	25	28	23	27	22	23	26	33	24	32	31	24	31	27	36	27	27	28	18	31	17	18	33	42	36	27		
A334	40 Weston Street Rosehill			A	Residential	61	56	54	45	21	35	36	28	31	26	30	24	25	32	39	30	38	37	30	35	31	40	31	34	35	20	33	19	20	38	47	41	32		
A335	41 Weston Street Rosehill			A	Residential	61	56	54	45	21	35	38	28	31	26	31	26	27	31	38	29	37	36	29	36	32	41	32	37	38	21	34	20	21	39	48	42	33		
A336	41 Weston Street Rosehill			A	Residential	61	56	54	45	21	35	38	28	31	26	31	26	27	31	38	29	37	36	29	36	32	41	32	37	38	21	34	20	21	39	48	42	33		
A337	42 Weston Street Rosehill			A	Residential	61	56	54	45	16	30	29	23	26	21	25	19	20	24	31	22	30	29	22	26	22	31	22	33	34	16	29	15	16	38	47	41	32		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
A338	43 Weston Street Rosehill			A	Residential	61	56	54	45	17	31	35	24	27	22	29	24	25	30	37	28	36	35	28	33	29	38	29	36	37	20	33	19	20	38	47	41	32		
A339	44 Weston Street Rosehill	Rosehill Montessori Kindergarten		A	Educational institute	55	0	0	0	21	35	37	28	31	26	30	24	25	32	39	30	38	37	30	35	31	40	31	34	35	21	34	20	21	39	48	42	33		
A340	45 Weston Street Rosehill			A	Residential	61	56	54	45	16	30	36	27	30	25	29	24	25	31	38	29	37	36	29	33	29	38	29	37	38	21	34	20	21	39	48	42	33		
A341	9-11 Weston Street Rosehill			A	Residential	61	56	54	45	23	37	37	30	33	28	32	27	28	32	39	30	38	37	30	38	34	43	34	32	33	21	34	20	21	34	43	37	28		
A342	9-11 Weston Street Rosehill			A	Residential	61	56	54	45	24	38	40	31	34	29	32	27	28	35	42	33	41	40	33	36	32	41	32	40	41	22	35	21	22	44	53	47	38		
B001	21 Grand Avenue Camellia		whole	B	Commercial	70	0	0	0	95	109	100	89	92	87	83	82	83	105	112	103	111	110	103	54	50	59	50	36	37	36	49	35	36	90	99	93	84	X	X
B002	35 Grand Avenue Camellia			B	Industrial	75	0	0	0	39	53	52	62	65	60	47	42	43	79	86	77	85	84	77	41	37	46	37	29	30	37	50	36	37	79	88	82	73	X	X
B003	14 Thackeray Street Camellia			B	Industrial	75	0	0	0	34	48	48	59	62	57	43	41	42	66	73	64	72	71	64	42	38	47	38	28	29	34	47	33	34	69	78	72	63		X
B004	14 Thackeray Street Camellia			B	Industrial	75	0	0	0	50	64	31	65	68	63	27	53	54	66	73	64	72	71	64	21	17	26	17	52	53	63	76	62	63	64	73	67	58		
B005	14 Thackeray Street Camellia			B	Industrial	75	0	0	0	49	63	44	60	63	58	37	53	54	60	67	58	66	65	58	38	34	43	34	51	52	57	70	56	57	60	69	63	54		
B006	14 Thackeray Street Camellia			B	Industrial	75	0	0	0	33	47	37	60	63	58	34	33	34	66	73	64	72	71	64	33	29	38	29	34	35	36	49	35	36	65	74	68	59		
B007	2-8 Thackeray Street Camellia			B	Industrial	75	0	0	0	37	51	52	50	53	48	47	43	44	76	83	74	82	81	74	45	41	50	41	28	29	36	49	35	36	75	84	78	69		X
B008	2-8 Thackeray Street Camellia			B	Industrial	75	0	0	0	37	51	49	58	61	56	44	41	42	75	82	73	81	80	73	45	41	50	41	28	29	36	49	35	36	79	88	82	73	X	X
B009	3 Thackeray Street Camellia			B	Industrial	75	0	0	0	58	72	72	75	78	73	75	60	61	67	74	65	73	72	65	51	47	56	47	32	33	24	37	23	24	66	75	69	60		X
B010	3 Thackeray Street Camellia			B	Industrial	75	0	0	0	52	66	68	62	65	60	62	55	56	104	111	102	110	109	102	49	45	54	45	22	23	24	37	23	24	111	120	114	105	X	X
B011	3 Thackeray Street Camellia			B	Industrial	75	0	0	0	44	58	39	53	56	51	35	48	49	57	64	55	63	62	55	33	29	38	29	47	48	49	62	48	49	57	66	60	51		
B012	3 Thackeray Street Camellia			B	Industrial	75	0	0	0	30	44	43	54	57	52	40	33	34	66	73	64	72	71	64	41	37	46	37	30	31	38	51	37	38	67	76	70	61		X
B013	10 Colquhoun Street Rosehill			B	Industrial	75	0	0	0	35	49	53	43	46	41	49	44	45	53	60	51	59	58	51	49	45	54	45	35	36	37	50	36	37	53	62	56	47		
B014	10 Colquhoun Street Rosehill			B	Industrial	75	0	0	0	36	50	54	50	53	48	50	43	44	49	56	47	55	54	47	54	50	59	50	32	33	36	49	35	36	49	58	52	43		
B015	10 Colquhoun Street Rosehill			B	Industrial	75	0	0	0	38	52	56	44	47	42	45	42	43	54	61	52	60	59	52	84	80	89	80	35	36	32	45	31	32	51	60	54	45		X
B016	10 Colquhoun Street Rosehill			B	Industrial	75	0	0	0	40	54	57	51	54	49	52	49	50	50	57	48	56	55	48	54	50	59	50	32	33	35	48	34	35	51	60	54	45		
B017	10 Colquhoun Street Rosehill			B	Industrial	75	0	0	0	39	53	52	46	49	44	47	44	45	52	59	50	58	57	50	67	63	72	63	34	35	33	46	32	33	49	58	52	43		X
B018	10 Colquhoun Street Rosehill			B	Industrial	75	0	0	0	47	61	58	52	55	50	52	50	51	52	59	50	58	57	50	56	52	61	52	33	34	19	32	18	19	51	60	54	45		
B019	5 Devon Street Rosehill			B	Industrial	75	0	0	0	28	42	44	35	38	33	38	32	33	52	59	50	58	57	50	67	63	72	63	34	35	28	41	27	28	48	57	51	42		X
B020	7 Devon Street Rosehill			B	Industrial	75	0	0	0	22	36	44	29	32	27	32	26	27	49	56	47	55	54	47	60	56	65	56	32	33	23	36	22	23	46	55	49	40		
B021	9 Devon Street Rosehill			B	Industrial	75	0	0	0	41	55	53	47	50	45	47	44	45	47	54	45	53	52	45	45	41	50	41	35	36	38	51	37	38	47	56	50	41		
B022	9 Devon Street Rosehill			B	Industrial	75	0	0	0	50	64	65	58	61	56	58	53	54	60	67	58	66	65	58	46	42	51	42	39	40	42	55	41	42	61	70	64	55		
B023	9 Devon Street Rosehill			B	Industrial	75	0	0	0	47	61	59	54	57	52	55	50	51	54	61	52	60	59	52	49	45	54	45	35	36	39	52	38	39	55	64	58	49		
B024	9 Devon Street Rosehill			B	Industrial	75	0	0	0	45	59	61	53	56	51	55	48	49	55	62	53	61	60	53	51	47	56	47	34	35	38	51	37	38	55	64	58	49		
B025	9 Devon Street Rosehill			B	Industrial	75	0	0	0	35	49	36	50	53	48	29	38	39	54	61	52	60	59	52	39	35	44	35	38	39	41	54	40	41	54	63	57	48		
B026	9 Devon Street Rosehill			B	Industrial	75	0	0	0	41	55	35	61	64	59	31	47	48	63	70	61	69	68	61	24	20	29	20	42	43	47	60	46	47	64	73	67	58		
B027	9 Devon Street Rosehill			B	Industrial	75	0	0	0	35	49	42	48	51	46	39	37	38	45	52	43	51	50	43	37	33	42	33	39	40	40	53	39	40	49	58	52	43		
B028	9 Devon Street Rosehill			B	Industrial	75	0	0	0	31	45	52	46	49	44	47	35	36	51	58	49	57	56	49	37	33	42	33	34	35	38	51	37	38	51	60	54	45		
B029	9 Devon Street Rosehill			B	Industrial	75	0	0	0	41	55	55	53	56	51	50	45	46	54	61	52	60	59	52	43	39	48	39	38	39	46	59	45	46	55	64	58	49		
B030	9 Devon Street Rosehill			B	Industrial	75	0	0	0	38	52	52	52	55	50	48	41	42	54	61	52	60	59	52	44	40	49	40	39	40	42	55	41	42	54	63	57	48		
B031	10 Grand Avenue Rosehill			B	Industrial	75	0	0	0	61	75	70	65	68	63	66	64	65	65	72	63	71	70	63	33	29	38	29	36	37	39	52	38	39	71	80	74	65		X
B032	10 Grand Avenue Rosehill			B	Industrial	75	0	0	0	58	72	73	64	67	62	63	62	63	67	74	65	73	72	65	61	57	66	57	35	36	38	51	37	38	67	76	70	61		X
B033	10 Grand Avenue Rosehill			B	Industrial	75	0	0	0	57	71	68	62	65	60	65	60	61	62	69	60	68	67	60	53	49	58	49	36	37	39	52	38	39	65	74	68	59		
B034	10 Grand Avenue Rosehill			B	Industrial	75	0	0	0	50	64	60	55	58	53	54	53	54	55	62	53	61	60	53	62	58	67	58	34	35	36	49	35	36	54	63	57	48		
B035	10 Grand Avenue Rosehill			B	Industrial	75	0	0	0	66	80	74	68	71	66	67	69	70	68	75	66	74	73	66	52	48	57	48	35	36	38	51	37	38	71	80	74	65		X
B036	10 Grand Avenue Rosehill			B	Industrial	75	0	0	0	28	42	47	34	37	32	35	32	33	58	65	56	64	63	56	67	63	72	63	36	37	17	30	16	17	47	56	50	41		
B037	10 Grand Avenue Rosehill			B	Industrial	75	0	0	0	39	53	61	52	55	50	53	41	42	52	59	50	58	57	50	60	56	65	56	34	35	35	48	34	35	53	62	56	47		
B038	10 Grand Avenue Rosehill			B	Industrial	75	0	0	0	51	65	65	58	61	56	59	55	56	58	65	56	64	63	56	45	41	50	41	35	36	39	52	38	39	59	68	62	53		
B039	12 Grand Avenue Rosehill			B	Industrial	75	0	0	0	44	58	61	56	59	54	56	48	49	67	74	65	73	72	65	44	40	49	40	42	43	49	62	48	49	73	82	76	67		X
B040	12 Grand Avenue Rosehill			B	Industrial	75	0	0	0	44	58	39	67	70	65	35	48	49	72	79	70	78	77	70	25	21	30	21	47	48	55	68	54	55	76	85	79	70		X
B041	12 Grand Avenue Rosehill			B	Industrial	75	0	0	0	42	56	34	64	67	62	30	46	47	64	71	62	70	69	62	32	28	37	28	45	46	50	63	49	50	65	74	68	59		
B042	12 Grand Avenue Rosehill			B	Industrial	75	0	0	0	44	58	48	64	67	62	44	49	50	74	81	72	80	79	72	29	25	34	25	47	48	55	68	54	55	81	90	84	75	X	X
B043	2 Grand Avenue Rosehill	Rosehill Racecourse		B	Commercial	70	0	0	0	14	28	28	20	23	18	24	20	21	23	30	21	29	28	21	37	33	42	33	46	47	16	29	15	16	53	62	56	47		
B044	2 Grand Avenue Rosehill	Rosehill Racecourse		B	Commercial	70	0	0	0	31	45	44	37	40	35	38	34	35	45	52	43	51	50	43	48	44	53	44	41	42	27	40	26	27	55	64	58	49		
B045	2 Grand Avenue Rosehill	Rosehill Racecourse		B	Commercial	70	0	0	0	16	30	31	23	26	21	25	19	20	24	31	22	30	29	22	27	23	32	23	24	25	17	30	16	17	32	41	35	26		
C001	1 Grand Avenue Camellia			C	Industrial	75	0	0	0	28	42	43	35	38	33	36	31	32	40	47	38	46	45	38	42	38	47	38	61	62	18	31	17	18	76	85	79	70		X
C002	1 Grand Avenue Camellia			C	Industrial	75	0	0	0	28	42	42	35	38	33	36	31	32	39	46	37	45	44	37	42	38	47	38	55	56	18	31	17	18	68	77	71	62		X
C003	1 Grand Avenue Camellia			C	Commercial	70	0	0	0	32	46	50	40	43	38	40	35	36	47	54	45	53	52	45	27	23	32	23	81	82	27	40	26	27	92	101	95	86	X	X
C004	11 Grand Avenue Camellia			C	Industrial	75	0	0	0	38	52	58	43	46	41	45	41	42	58	65	56	64	63	56	49	45	54	45	51	52	12	25	11	12	81	90	84	75	X	X
C005	11 Grand Avenue Camellia			C	Industrial	75	0	0	0	38	52	64	47	50	45	48	40	41	70	77	68	76	75	68	53	49	58	49	36	37	32	45	31	32	87	96	90	81	X	X
C006	11 Grand Avenue Camellia			C	Industrial	75	0	0	0	41	55	63	48	51	46	48	44	45	66	73	64	72	71	64	59	55	64	55	47	48	32	45	31	32	102	111	105	96	X	X
C007	11-11 Grand Avenue Camellia			C	Industrial	75	0	0	0	38	52	57	45	48	43	45	40	41	56	63	54	62	61	54	48	44	53	44	52	53	30	43	29	30	105	114	108	99	X	X
C008	11-11 Grand Avenue Camellia			C	Industrial	75	0	0	0	43	57	68	48	51	46	48	46	47	80	87	78	86	85	78	60	56	65	56	46	47	32	45	31	32	97	106	100	91	X	X
C009	11-11 Grand Avenue Camellia			C	Industrial	75	0	0	0	33	47	61	41	44	39	44	37	38	74	81	72	80	79	72	49	45	54	45	41	42	32	45	31	32	87	96	90	81	X	X
C010	11-11 Grand Avenue Camellia			C	Industrial	75	0	0	0	38	52	60	46	49	44	47	42	43	61	68	59	67	66	59	55	51	60	51	39	40	33	46	32	33	77	86	80	71		X
C011	13 Grand Avenue Camellia			C	Industrial	75	0	0	0	51	65	94	59	62	57	57	53	54	91	98	89	97	96	89	47	43	52	43	38	39	36	49	35	36	104	113	107	98	X	X
C012	13 Grand Avenue Camellia			C	Industrial	75	0	0	0	49	63	95	57	60	55	55	52	53	91	98	89	97	96	89	61	57	66	57	42	43	35	48	34	35	104	113	107	98	X	X
C013	13 Grand Avenue Camellia			C	Industrial	75	0	0	0	33	47	57	38	41	36	38	36	37	102	109	100	108	107	100	67	63	72	63	41	42	14	27	13	14	95	104	98	89	X	X
C014	15 Grand Avenue Camellia			C	Industrial	75	0	0	0	47	61	88	54	57	52	53	52	53	92	99	90	98	97	90	70	66	75	66	28	29	33	46	32	33	85	94	88	79	X	X
C015	15 Grand Avenue Camellia			C	Industrial	75	0	0	0	50	64	95	59	62	57	58	54	55	106	113	104	112	111	104	47	43	52	43	42	43	17	30	16	17	90	99	93	84	X	X
C016	15 Grand Avenue Camellia			C	Industrial	75	0	0	0	55	69	81	63	66	61	60	58	59	77	84	75	83	82	75	56	52	61	52	33	34	19	32	18	19	74	83	77	68		X
C017	19 Grand Avenue Camellia			C	Industrial	75	0	0	0	72	86	91	89	92	87	76	71	72	107	114	105	113	112	105	54	50	59	50	35	36	28	41	27	28	90	99	93	84	X	X
C018	27 Grand Avenue Camellia			C	Industrial	75	0	0	0	42	56	71	49	52	47	50	46	47	81	88	79	87	86	79	70	66	75	66	45	46	32	45	31	32	106	115	109	100	X	X
C019	3 Grand Avenue Camellia			C	Industrial	75	0	0	0	33	47	52	41	44	39	41	36	37	49	56	47	55	54	47	30	26	35	26	65	66	28	41	27	28	96	105	99	90	X	X
C020	7 Grand Avenue Camellia			C	Industrial	75	0	0	0	34	48	49	42	45	40	43	36	37	51	58	49	57	56	49	43	39	48	39	58	59	29	42	28	29	104	113	107	98	X	X
C021	175 James Ruse Drive Camellia			C	Commercial	70	0	0	0	28	42	42	35	38	33	37	31	32	40	47	38	46	45	38	42	38	47	38	58	59	29	42	28	29	73	82	76	67		X
D001	1 Alan Street Rydalmere			D	Industrial	75	0	0	0	26	40	46	39	42	37	41	29	30	52	59	50	58	57	50	49	45	54	45	41	42	32	45	31	32	51	60	54	45		
D002	1 Alan Street Rydalmere			D	Industrial	75	0	0	0	17	31	39	23	26	21	24	23	24	40	47	38	46	45	38	43	39	48	39	44	45	12	25	11	12	52	61	55	46		
D003	1 Alan Street Rydalmere			D	Industrial	75	0	0	0	17	31	34	25	28	23	26	21	22	35	42	33	41	40	33	43	39	48	39	48	49	15	28	14	15	52	61	55	46		
D004	1 Alan Street Rydalmere			D	Industrial	75	0	0	0	19	33	39	27	30	25	31	26	27	42	49	40	48	47	40	44	40	49	40	21	22	21	34	20	21	41	50	44	35		
D005	1 Alan Street Rydalmere			D	Industrial	75	0	0	0	27	41	46	38	41	36	40	30	31	42	49	40	48	47	40	42	38	47	38	28	29	32	45	31	32	41	50	44	35		
D006	1 Alan Street Rydalmere			D	Industrial	75	0	0	0	25	39	41	34	37	32	36	28	29	40	47	38	46	45	38	41	37	46	37	29	30	31	44	30	31	39	48	42	33		
D007	1 Alan Street Rydalmere			D	Industrial	75	0	0	0	34	48	51	45	48	43	47	37	38	48	55	46	54	53	46	43	39	48	39	51	52	31	44	30	31	55	64	58	49		
D008	1 Alan Street Rydalmere			D	Industrial	75	0	0	0	23	37	45	36	39	34	38	26	27	47	54	45	53	52	45	47	43	52	43	26	27	29	42	28	29	46	55	49	40		
D009	40 Brodie Street Rydalmere			D	Industrial	75	0	0	0	34	48	47	44	47	42	45	37	38	44	51	42	50	49	42	43	39	48	39	52	53	25	38	24	25	54	63	57	48		
D010	40 Brodie Street Rydalmere			D	Industrial	75	0	0	0	10	24	27	18	21	16	19	13	14	22	29	20	28	27	20	22	18	27	18	46	47	11	24	10	11	49	58	52	43		
D011	2 Park Road Rydalmere			D	Industrial	75	0	0	0	48	62	34	57	60	55	31	46	47	55	62	53	61	60	53	25	21	30	21	46	47	53	66	52	53	55	64	58	49		
D012	10 Pike Street Rydalmere			D	Industrial	75	0	0	0	39	53	65	56	59	54	57	44	45	57	64	55	63	62	55	47	43	52	43	36	37	37	50	36	37	56	65	59	50		
D013	12 Pike Street Rydalmere			D	Industrial	75	0	0	0	40	54	65	58	61	56	59	44	45	57	64	55	63	62	55	46	42	51	42	35	36	37	50	36	37	56	65	59	50		
D014	14 Pike Street Rydalmere			D	Industrial	75	0	0	0	45	59	58	53	56	51	53	49	50	51	58	49	57	56	49	42	38	47	38	30	31	38	51	37	38	50	59	53	44		
D015	16 Pike Street Rydalmere			D	Industrial	75	0	0	0	35	49	58	54	57	52	56	48	49	52	59	50	58	57	50	41	37	46	37	35	36	35	48	34	35	51	60	54	45		
D016	18 Pike Street Rydalmere			D	Industrial	75	0	0	0	43	57	59	55	58	53	56	49	50	53	60	51	59	58	51	41	37	46	37	31	32	36	49	35	36	52	61	55	46		
D017	2 Pike Street Rydalmere			D	Industrial	75	0	0	0	35	49	51	45	48	43	48	43	44	44	51	42	50	49	42	31	27	36	27	25	26	30	43	29	30	43	52	46	37		
D018	20 Pike Street Rydalmere			D	Industrial	75	0	0	0	25	39	61	33	36	31	53	42	43	54	61	52	60	59	52	45	41	50	41	22	23	21	34	20	21	53	62	56	47		
D019	22 Pike Street Rydalmere			D	Industrial	75	0	0	0	26	40	62	34	37	32	54	42	43	55	62	53	61	60	53	45	41	50	41	21	22	21	34	20	21	53	62	56	47		
D020	23 Pike Street Rydalmere			D	Industrial	75	0	0	0	39	53	59	57	60	55	57	40	41	54	61	52	60	59	52	33	29	38	29	36	37	48	61	47	48	53	62	56	47		
D021	24 Pike Street Rydalmere			D	Industrial	75	0	0	0	27	41	63	35	38	33	55	42	43	55	62	53	61	60	53	46	42	51	42	21	22	22	35	21	22	54	63	57	48		
D022	25 Pike Street Rydalmere			D	Industrial	75	0	0	0	52	66	64	62	65	60	62	54	55	58	65	56	64	63	56	50	46	55	46	31	32	45	58	44	45	57	66	60	51		
D023	26 Pike Street Rydalmere			D	Industrial	75	0	0	0	52	66	65	61	64	59	61	54	55	58	65	56	64	63	56	49	45	54	45	34	35	41	54	40	41	57	66	60	51		
D024	4 Pike Street Rydalmere			D	Industrial	75	0	0	0	33	47	49	46	49	44	46	41	42	44	51	42	50	49	42	29	25	34	25	26	27	38	51	37	38	43	52	46	37		
D025	6 Pike Street Rydalmere			D	Industrial	75	0	0	0	34	48	49	45	48	43	45	37	38	44	51	42	50	49	42	37	33	42	33	32	33	37	50	36	37	43	52	46	37		
D026	8 Pike Street Rydalmere			D	Industrial	75	0	0	0	19	33	58	27	30	25	32	26	27	50	57	48	56	55	48	29	25	34	25	16	17	18	31	17	18	49	58	52	43		
D027	10-16 South Street Rydalmere			D	Industrial	75	0	0	0	42	56	65	55	58	53	56	45	46	57	64	55	63	62	55	54	50	59	50	37	38	31	44	30	31	55	64	58	49		
D028	10-16 South Street Rydalmere			D	Industrial	75	0	0	0	23	37	46	32	35	30	36	30	31	51	58	49	57	56	49	50	46	55	46	21	22	26	39	25	26	50	59	53	44		
D029	10-16 South Street Rydalmere			D	Industrial	75	0	0	0	19	33	50	26	29	24	27	22	23	51	58	49	57	56	49	51	47	56	47	36	37	17	30	16	17	50	59	53	44		
D030	10-16 South Street Rydalmere			D	Industrial	75	0	0	0	41	55	61	53	56	51	54	44	45	57	64	55	63	62	55	56	52	61	52	39	40	35	48	34	35	56	65	59	50		
D031	10-16 South Street Rydalmere			D	Industrial	75	0	0	0	24	38	45	33	36	31	38	27	28	53	60	51	59	58	51	53	49	58	49	25	26	28	41	27	28	52	61	55	46		
D032	10-16 South Street Rydalmere			D	Industrial	75	0	0	0	16	30	44	24	27	22	38	28	29	48	55	46	54	53	46	47	43	52	43	34	35	16	29	15	16	47	56	50	41		
D033	18 South Street Rydalmere			D	Industrial	75	0	0	0	17	31	46	25	28	23	25	22	23	41	48	39	47	46	39	31	27	36	27	22	23	17	30	16	17	40	49	43	34		
D034	2 South Street Rydalmere			D	Industrial	75	0	0	0	16	30	32	23	26	21	24	18	19	29	36	27	35	34	27	43	39	48	39	38	39	15	28	14	15	43	52	46	37		
D035	2-8 South Street Rydalmere			D	Industrial	75	0	0	0	15	29	31	22	25	20	24	18	19	42	49	40	48	47	40	43	39	48	39	30	31	15	28	14	15	41	50	44	35		
D036	2-8 South Street Rydalmere			D	Industrial	75	0	0	0	44	58	58	51	54	49	52	43	44	56	63	54	62	61	54	55	51	60	51	41	42	32	45	31	32	55	64	58	49		
D037	20 South Street Rydalmere			D	Industrial	75	0	0	0	37	51	53	45	48	43	45	40	41	48	55	46	54	53	46	40	36	45	36	27	28	30	43	29	30	47	56	50	41		
D038	22 South Street Rydalmere			D	Industrial	75	0	0	0	36	50	54	43	46	41	44	39	40	47	54	45	53	52	45	39	35	44	35	28	29	21	34	20	21	46	55	49	40		
D039	24 South Street Rydalmere			D	Industrial	75	0	0	0	27	41	55	39	42	37	44	39	40	50	57	48	56	55	48	41	37	46	37	33	34	32	45	31	32	49	58	52	43		
D040	26 South Street Rydalmere			D	Industrial	75	0	0	0	44	58	55	51	54	49	50	42	43	50	57	48	56	55	48	43	39	48	39	21	22	26	39	25	26	49	58	52	43		
D041	32 South Street Rydalmere			D	Industrial	75	0	0	0	39	53	54	49	52	47	50	42	43	48	55	46	54	53	46	43	39	48	39	32	33	23	36	22	23	47	56	50	41		
D042	32 South Street Rydalmere			D	Industrial	75	0	0	0	42	56	55	49	52	47	51	46	47	48	55	46	54	53	46	43	39	48	39	32	33	21	34	20	21	47	56	50	41		
D043	36 South Street Rydalmere			D	Industrial	75	0	0	0	40	54	55	49	52	47	51	44	45	47	54	45	53	52	45	46	42	51	42	29	30	23	36	22	23	46	55	49	40		
D044	36 South Street Rydalmere			D	Industrial	75	0	0	0	41	55	57	51	54	49	53	44	45	52	59	50	58	57	50	45	41	50	41	32	33	32	45	31	32	51	60	54	45		
D045	38-46 South Street Rydalmere			D	Industrial	75	0	0	0	38	52	53	49	52	47	49	42	43	48	55	46	54	53	46	41	37	46	37	31	32	45	58	44	45	47	56	50	41		
D046	38-46 South Street Rydalmere			D	Industrial	75	0	0	0	41	55	46	53	56	51	42	44	45	53	60	51	59	58	51	39	35	44	35	45	46	52	65	51	52	52	61	55	46		
D047	38-46 South Street Rydalmere			D	Industrial	75	0	0	0	31	45	45	52	55	50	42	35	36	53	60	51	59	58	51	30	26	35	26	29	30	49	62	48	49	52	61	55	46		
D048	38-46 South Street Rydalmere			D	Industrial	75	0	0	0	47	61	59	57	60	55	59	50	51	54	61	52	60	59	52	44	40	49	40	38	39	49	62	48	49	53	62	56	47		
D049	38-46 South Street Rydalmere			D	Industrial	75	0	0	0	38	52	50	45	48	43	45	40	41	44	51	42	50	49	42	40	36	45	36	25	26	22	35	21	22	43	52	46	37		
D050	38-46 South Street Rydalmere			D	Industrial	75	0	0	0	45	59	59	55	58	53	56	49	50	54	61	52	60	59	52	46	42	51	42	32	33	52	65	51	52	53	62	56	47		
D051	38-46 South Street Rydalmere			D	Industrial	75	0	0	0	40	54	52	49	52	47	49	43	44	53	60	51	59	58	51	41	37	46	37	28	29	51	64	50	51	46	55	49	40		
D052	38-46 South Street Rydalmere			D	Industrial	75	0	0	0	38	52	44	46	49	44	41	41	42	45	52	43	51	50	43	36	32	41	32	42	43	41	54	40	41	44	53	47	38		
E001	1 Alma Street Rydalmere			E	Residential	52	47	44	38	34	48	40	45	48	43	36	36	37	43	50	41	49	48	41	32	28	37	28	35	36	41	54	40	41	43	52	46	37		
E002	1 Alma Street Rydalmere			E	Residential	52	47	44	38	34	48	42	42	45	40	38	37	38	44	51	42	50	49	42	34	30	39	30	37	38	40	53	39	40	44	53	47	38		
E003	10 Alma Street Rydalmere			E	Residential	52	47	44	38	29	43	32	41	44	39	21	31	32	46	53	44	52	51	44	26	22	31	22	30	31	32	45	31	32	46	55	49	40		
E004	11 Alma Street Rydalmere			E	Residential	52	47	44	38	28	42	36	34	37	32	33	30	31	42	49	40	48	47	40	30	26	35	26	33	34	31	44	30	31	46	55	49	40		
E005	13 Alma Street Rydalmere			E	Residential	52	47	44	38	42	56	41	48	51	46	37	43	44	46	53	44	52	51	44	33	29	38	29	44	45	45	58	44	45	46	55	49	40		
E006	15 Alma Street Rydalmere			E	Residential	52	47	44	38	35	49	36	41	44	39	30	33	34	54	61	52	60	59	52	30	26	35	26	36	37	39	52	38	39	53	62	56	47		
E007	16 Alma Street Rydalmere			E	Residential	52	47	44	38	35	49	41	45	48	43	38	38	39	44	51	42	50	49	42	34	30	39	30	39	40	37	50	36	37	44	53	47	38		
E008	2 Alma Street Rydalmere			E	Residential	52	47	44	38	28	42	41	35	38	33	37	34	35	36	43	34	42	41	34	32	28	37	28	28	29	26	39	25	26	38	47	41	32		
E009	3 Alma Street Rydalmere			E	Residential	52	47	44	38	31	45	27	41	44	39	20	35	36	47	54	45	53	52	45	21	17	26	17	32	33	35	48	34	35	46	55	49	40		
E010	4 Alma Street Rydalmere			E	Residential	52	47	44	38	26	40	25	41	44	39	22	27	28	42	49	40	48	47	40	22	18	27	18	30	31	30	43	29	30	49	58	52	43		
E011	5 Alma Street Rydalmere			E	Residential	52	47	44	38	37	51	41	46	49	44	37	39	40	45	52	43	51	50	43	33	29	38	29	39	40	44	57	43	44	44	53	47	38		
E012	6 Alma Street Rydalmere			E	Residential	52	47	44	38	26	40	31	36	39	34	22	31	32	42	49	40	48	47	40	24	20	29	20	30	31	30	43	29	30	42	51	45	36		
E013	7 Alma Street Rydalmere			E	Residential	52	47	44	38	28	42	32	36	39	34	29	30	31	46	53	44	52	51	44	26	22	31	22	31	32	31	44	30	31	45	54	48	39		
E014	8 Alma Street Rydalmere			E	Residential	52	47	44	38	30	44	31	38	41	36	27	31	32	39	46	37	45	44	37	25	21	30	21	30	31	34	47	33	34	38	47	41	32		
E015	9 Alma Street Rydalmere			E	Residential	52	47	44	38	41	55	41	48	51	46	37	46	47	46	53	44	52	51	44	33	29	38	29	44	45	44	57	43	44	46	55	49	40		
E016	1 Antoine Street Rydalmere			E	Industrial	75	0	0	0	52	66	48	56	59	54	44	54	55	56	63	54	62	61	54	40	36	45	36	54	55	49	62	48	49	57	66	60	51		
E017	11 Antoine Street Rydalmere			E	Industrial	75	0	0	0	54	68	49	57	60	55	45	57	58	57	64	55	63	62	55	39	35	44	35	55	56	51	64	50	51	58	67	61	52		
E018	13 Antoine Street Rydalmere			E	Industrial	75	0	0	0	38	52	49	52	55	50	46	42	43	52	59	50	58	57	50	38	34	43	34	38	39	50	63	49	50	50	59	53	44		
E019	15 Antoine Street Rydalmere	Saeum Presbyterian Church		E	Place of worship	55	0	0	0	55	69	48	58	61	56	45	57	58	58	65	56	64	63	56	39	35	44	35	56	57	51	64	50	51	60	69	63	54		
E020	19-21 Antoine Street Rydalmere			E	Industrial	75	0	0	0	57	71	47	60	63	58	44	57	58	59	66	57	65	64	57	38	34	43	34	49	50	52	65	51	52	60	69	63	54		
E021	23 Antoine Street Rydalmere			E	Industrial	75	0	0	0	59	73	30	62	65	60	27	59	60	61	68	59	67	66	59	32	28	37	28	59	60	53	66	52	53	63	72	66	57		X
E022	25 Antoine Street Rydalmere			E	Industrial	75	0	0	0	60	74	47	64	67	62	43	60	61	61	68	59	67	66	59	38	34	43	34	59	60	58	71	57	58	64	73	67	58		X
E023	26 Antoine Street Rydalmere			E	Industrial	75	0	0	0	59	73	49	71	74	69	45	45	46	61	68	59	67	66	59	39	35	44	35	40	41	61	74	60	61	69	78	72	63		X
E024	28 Antoine Street Rydalmere			E	Industrial	75	0	0	0	61	75	48	73	76	71	43	46	47	62	69	60	68	67	60	38	34	43	34	40	41	62	75	61	62	71	80	74	65		X
E025	29 Antoine Street Rydalmere			E	Industrial	75	0	0	0	63	77	44	68	71	66	41	62	63	63	70	61	69	68	61	37	33	42	33	51	52	61	74	60	61	67	76	70	61		X
E026	30 Antoine Street Rydalmere			E	Industrial	75	0	0	0	63	77	48	78	81	76	44	49	50	64	71	62	70	69	62	38	34	43	34	42	43	63	76	62	63	76	85	79	70		X
E027	32 Antoine Street Rydalmere			E	Industrial	75	0	0	0	67	81	30	86	89	84	26	66	67	66	73	64	72	71	64	21	17	26	17	62	63	66	79	65	66	90	99	93	84	X	X
E028	33 Antoine Street Rydalmere			E	Industrial	75	0	0	0	67	81	45	70	73	68	42	64	65	65	72	63	71	70	63	37	33	42	33	63	64	62	75	61	62	71	80	74	65		X
E029	35 Antoine Street Rydalmere			E	Industrial	75	0	0	0	69	83	45	70	73	68	42	65	66	66	73	64	72	71	64	37	33	42	33	64	65	63	76	62	63	73	82	76	67		X
E030	37 Antoine Street Rydalmere			E	Industrial	75	0	0	0	72	86	27	70	73	68	23	70	71	68	75	66	74	73	66	19	15	24	15	52	53	63	76	62	63	78	87	81	72	X	X
E031	39 Antoine Street Rydalmere			E	Industrial	75	0	0	0	71	85	41	69	72	67	26	70	71	68	75	66	74	73	66	36	32	41	32	48	49	63	76	62	63	80	89	83	74	X	X
E032	4 Antoine Street Rydalmere			E	Industrial	75	0	0	0	50	64	44	61	64	59	42	41	42	57	64	55	63	62	55	28	24	33	24	37	38	56	69	55	56	59	68	62	53		
E033	4 Antoine Street Rydalmere			E	Industrial	75	0	0	0	45	59	53	61	64	59	50	39	40	57	64	55	63	62	55	40	36	45	36	32	33	55	68	54	55	59	68	62	53		
E034	41 Antoine Street Rydalmere			E	Industrial	75	0	0	0	71	85	48	69	72	67	44	64	65	65	72	63	71	70	63	39	35	44	35	47	48	63	76	62	63	83	92	86	77	X	X
E035	43 Antoine Street Rydalmere			E	Industrial	75	0	0	0	78	92	46	71	74	69	42	77	78	75	82	73	81	80	73	37	33	42	33	73	74	65	78	64	65	105	114	108	99	X	X
E036	47 Antoine Street Rydalmere			E	Residential	52	47	44	38	76	90	45	77	80	75	41	68	69	78	85	76	84	83	76	35	31	40	31	76	77	63	76	62	63	98	107	101	92	X	X
E037	47 Antoine Street Rydalmere			E	Residential	52	47	44	38	70	84	47	79	82	77	44	70	71	74	81	72	80	79	72	39	35	44	35	72	73	64	77	63	64	87	96	90	81	X	X
E038	48 Antoine Street Rydalmere		whole	E	Industrial	75	0	0	0	74	88	46	79	82	77	42	86	87	102	109	100	108	107	100	37	33	42	33	74	75	70	83	69	70	86	95	89	80	X	X
E039	51 Antoine Street Rydalmere			E	Residential	52	47	44	38	67	81	39	51	54	49	34	57	58	71	78	69	77	76	69	32	28	37	28	69	70	43	56	42	43	75	84	78	69	X	X
E040	53 Antoine Street Rydalmere			E	Residential	52	47	44	38	66	80	46	74	77	72	42	63	64	69	76	67	75	74	67	37	33	42	33	53	54	63	76	62	63	81	90	84	75	X	X
E041	54 Antoine Street Rydalmere			E	Residential	52	47	44	38	69	83	43	82	85	80	41	65	66	71	78	69	77	76	69	36	32	41	32	68	69	67	80	66	67	90	99	93	84	X	X
E042	55 Antoine Street Rydalmere			E	Residential	52	47	44	38	61	75	40	53	56	51	37	47	48	69	76	67	75	74	67	32	28	37	28	64	65	45	58	44	45	70	79	73	64	X	X
E043	56 Antoine Street Rydalmere			E	Residential	52	47	44	38	63	77	45	79	82	77	43	62	63	68	75	66	74	73	66	38	34	43	34	45	46	66	79	65	66	83	92	86	77	X	X
E044	57 Antoine Street Rydalmere			E	Residential	52	47	44	38	60	74	34	49	52	47	23	46	47	69	76	67	75	74	67	27	23	32	23	63	64	44	57	43	44	69	78	72	63	X	X
E045	58 Antoine Street Rydalmere			E	Residential	52	47	44	38	50	64	42	74	77	72	41	45	46	65	72	63	71	70	63	35	31	40	31	44	45	64	77	63	64	80	89	83	74	X	X
E046	58 Antoine Street Rydalmere			E	Residential	52	47	44	38	60	74	44	76	79	74	42	58	59	66	73	64	72	71	64	38	34	43	34	40	41	65	78	64	65	78	87	81	72	X	X
E047	59 Antoine Street Rydalmere			E	Residential	52	47	44	38	40	54	34	52	55	50	29	45	46	68	75	66	74	73	66	33	29	38	29	43	44	42	55	41	42	81	90	84	75	X	X
E048	6 Antoine Street Rydalmere			E	Industrial	75	0	0	0	52	66	52	63	66	61	47	42	43	58	65	56	64	63	56	40	36	45	36	34	35	57	70	56	57	61	70	64	55		
E049	6 Antoine Street Rydalmere			E	Industrial	75	0	0	0	43	57	50	64	67	62	47	39	40	59	66	57	65	64	57	40	36	45	36	34	35	57	70	56	57	61	70	64	55		
E050	6 Antoine Street Rydalmere			E	Industrial	75	0	0	0	54	68	50	65	68	63	46	39	40	59	66	57	65	64	57	40	36	45	36	34	35	58	71	57	58	63	72	66	57		
E051	6 Antoine Street Rydalmere			E	Industrial	75	0	0	0	55	69	50	66	69	64	46	40	41	59	66	57	65	64	57	40	36	45	36	34	35	58	71	57	58	64	73	67	58		
E052	6 Antoine Street Rydalmere			E	Industrial	75	0	0	0	52	66	51	62	65	60	48	39	40	58	65	56	64	63	56	40	36	45	36	33	34	56	69	55	56	60	69	63	54		
E053	6 Antoine Street Rydalmere			E	Industrial	75	0	0	0	42	56	52	61	64	59	51	40	41	57	64	55	63	62	55	41	37	46	37	39	40	56	69	55	56	58	67	61	52		
E054	6 Antoine Street Rydalmere			E	Industrial	75	0	0	0	51	65	49	69	72	67	45	40	41	61	68	59	67	66	59	39	35	44	35	37	38	60	73	59	60	67	76	70	61		X
E055	6 Antoine Street Rydalmere			E	Industrial	75	0	0	0	54	68	49	68	71	66	45	41	42	60	67	58	66	65	58	39	35	44	35	35	36	59	72	58	59	65	74	68	59		
E056	60 Antoine Street Rydalmere			E	Residential	52	47	44	38	58	72	43	72	75	70	39	43	44	64	71	62	70	69	62	37	33	42	33	40	41	62	75	61	62	71	80	74	65	X	X
E057	61 Antoine Street Rydalmere			E	Residential	52	47	44	38	57	71	27	51	54	49	23	47	48	70	77	68	76	75	68	21	17	26	17	59	60	45	58	44	45	70	79	73	64	X	X
E058	62 Antoine Street Rydalmere			E	Residential	52	47	44	38	56	70	27	61	64	59	24	46	47	62	69	60	68	67	60	27	23	32	23	60	61	45	58	44	45	88	97	91	82	X	X
E059	63 Antoine Street Rydalmere			E	Residential	52	47	44	38	38	52	30	44	47	42	27	41	42	69	76	67	75	74	67	25	21	30	21	41	42	38	51	37	38	69	78	72	63	X	X
E060	64 Antoine Street Rydalmere			E	Residential	52	47	44	38	54	68	28	51	54	49	25	42	43	59	66	57	65	64	57	24	20	29	20	57	58	45	58	44	45	80	89	83	74	X	X
E061	65 Antoine Street Rydalmere			E	Residential	52	47	44	38	54	68	39	47	50	45	35	44	45	70	77	68	76	75	68	35	31	40	31	57	58	45	58	44	45	71	80	74	65	X	X
E062	66 Antoine Street Rydalmere			E	Residential	52	47	44	38	55	69	27	63	66	61	24	56	57	60	67	58	66	65	58	21	17	26	17	58	59	49	62	48	49	76	85	79	70		X
E063	66 Antoine Street Rydalmere			E	Residential	52	47	44	38	54	68	28	62	65	60	25	53	54	64	71	62	70	69	62	26	22	31	22	56	57	44	57	43	44	73	82	76	67		X
E064	67 Antoine Street Rydalmere			E	Residential	52	47	44	38	42	56	28	47	50	45	24	45	46	69	76	67	75	74	67	26	22	31	22	50	51	46	59	45	46	70	79	73	64		X
E065	69 Antoine Street Rydalmere			E	Residential	52	47	44	38	47	61	34	53	56	51	29	49	50	69	76	67	75	74	67	28	24	33	24	50	51	44	57	43	44	69	78	72	63		X
E066	71 Antoine Street Rydalmere			E	Residential	52	47	44	38	48	62	35	42	45	40	29	39	40	69	76	67	75	74	67	31	27	36	27	53	54	47	60	46	47	70	79	73	64		X
E067	73 Antoine Street Rydalmere			E	Residential	52	47	44	38	48	62	38	43	46	41	34	42	43	69	76	67	75	74	67	31	27	36	27	51	52	47	60	46	47	71	80	74	65		X
E068	75 Antoine Street Rydalmere			E	Residential	52	47	44	38	45	59	31	44	47	42	25	44	45	68	75	66	74	73	66	25	21	30	21	49	50	38	51	37	38	69	78	72	63		X
E069	75 Antoine Street Rydalmere			E	Residential	52	47	44	38	40	54	34	44	47	42	30	41	42	68	75	66	74	73	66	27	23	32	23	45	46	44	57	43	44	69	78	72	63		X
E070	9 Antoine Street Rydalmere			E	Industrial	75	0	0	0	53	67	49	57	60	55	45	56	57	57	64	55	63	62	55	39	35	44	35	55	56	50	63	49	50	58	67	61	52		
E071	1 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	40	54	37	38	41	36	31	28	29	48	55	46	54	53	46	33	29	38	29	40	41	34	47	33	34	47	56	50	41		
E072	11 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	34	48	45	40	43	38	41	35	36	53	60	51	59	58	51	36	32	41	32	38	39	36	49	35	36	53	62	56	47		
E073	13 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	51	65	40	37	40	35	30	30	31	56	63	54	62	61	54	35	31	40	31	52	53	35	48	34	35	58	67	61	52		
E074	15 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	45	59	30	47	50	45	26	30	31	52	59	50	58	57	50	22	18	27	18	48	49	43	56	42	43	52	61	55	46		
E075	17 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	46	60	29	48	51	46	25	30	31	52	59	50	58	57	50	22	18	27	18	49	50	44	57	43	44	53	62	56	47		
E076	18-20 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	54	68	29	50	53	48	24	32	33	59	66	57	65	64	57	29	25	34	25	55	56	46	59	45	46	62	71	65	56		
E077	2 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	41	55	44	43	46	41	40	33	34	47	54	45	53	52	45	36	32	41	32	39	40	40	53	39	40	47	56	50	41		
E078	22 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	51	65	32	49	52	47	23	32	33	57	64	55	63	62	55	24	20	29	20	53	54	46	59	45	46	60	69	63	54		
E079	24 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	51	65	29	47	50	45	24	33	34	56	63	54	62	61	54	21	17	26	17	53	54	44	57	43	44	60	69	63	54		
E080	26 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	50	64	28	49	52	47	24	33	34	56	63	54	62	61	54	21	17	26	17	51	52	45	58	44	45	58	67	61	52		
E081	28-30 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	50	64	34	48	51	46	30	33	34	56	63	54	62	61	54	27	23	32	23	51	52	36	49	35	36	58	67	61	52		
E082	3 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	38	52	34	38	41	36	30	29	30	46	53	44	52	51	44	30	26	35	26	35	36	34	47	33	34	46	55	49	40		
E083	3 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	38	52	34	38	41	36	30	29	30	46	53	44	52	51	44	30	26	35	26	35	36	34	47	33	34	46	55	49	40		
E084	30 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	46	60	44	47	50	45	40	33	34	51	58	49	57	56	49	35	31	40	31	48	49	44	57	43	44	52	61	55	46		
E085	32 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	46	60	43	46	49	44	39	33	34	53	60	51	59	58	51	34	30	39	30	48	49	41	54	40	41	53	62	56	47		
E086	4-6 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	35	49	43	43	46	41	37	32	33	45	52	43	51	50	43	37	33	42	33	39	40	41	54	40	41	45	54	48	39		
E087	4-6 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	36	50	41	42	45	40	38	32	33	43	50	41	49	48	41	32	28	37	28	40	41	40	53	39	40	43	52	46	37		
E088	5 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	39	53	41	40	43	38	34	32	33	47	54	45	53	52	45	35	31	40	31	37	38	33	46	32	33	47	56	50	41		
E089	7 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	34	48	46	39	42	37	42	37	38	41	48	39	47	46	39	38	34	43	34	36	37	36	49	35	36	44	53	47	38		
E090	8 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	31	45	36	36	39	34	32	30	31	38	45	36	44	43	36	29	25	34	25	33	34	36	49	35	36	39	48	42	33		
E091	9 Burbang Crescent Rydalmere			E	Residential	52	47	44	38	34	48	45	40	43	38	41	36	37	48	55	46	54	53	46	37	33	42	33	39	40	34	47	33	34	47	56	50	41		
E092	1 Dorothy Street Rydalmere			E	Residential	52	47	44	38	60	74	45	58	61	56	40	59	60	68	75	66	74	73	66	36	32	41	32	62	63	55	68	54	55	70	79	73	64		X
E093	10 Dorothy Street Rydalmere			E	Residential	52	47	44	38	61	75	45	56	59	54	41	51	52	77	84	75	83	82	75	38	34	43	34	63	64	52	65	51	52	80	89	83	74	X	X
E094	10 Dorothy Street Rydalmere			E	Residential	52	47	44	38	62	76	43	56	59	54	41	49	50	78	85	76	84	83	76	35	31	40	31	64	65	52	65	51	52	82	91	85	76	X	X
E095	11 Dorothy Street Rydalmere			E	Residential	52	47	44	38	53	67	44	53	56	51	40	54	55	69	76	67	75	74	67	35	31	40	31	57	58	49	62	48	49	69	78	72	63		X
E096	13 Dorothy Street Rydalmere			E	Residential	52	47	44	38	52	66	43	54	57	52	39	53	54	68	75	66	74	73	66	34	30	39	30	55	56	46	59	45	46	69	78	72	63		X
E097	14 Dorothy Street Rydalmere			E	Residential	52	47	44	38	60	74	45	58	61	56	41	55	56	78	85	76	84	83	76	38	34	43	34	62	63	52	65	51	52	81	90	84	75	X	X
E098	15 Dorothy Street Rydalmere			E	Residential	52	47	44	38	35	49	26	46	49	44	23	36	37	67	74	65	73	72	65	22	18	27	18	38	39	35	48	34	35	67	76	70	61		X
E099	16 Dorothy Street Rydalmere			E	Residential	52	47	44	38	58	72	43	54	57	52	39	51	52	81	88	79	87	86	79	35	31	40	31	61	62	52	65	51	52	90	99	93	84	X	X
E100	17 Dorothy Street Rydalmere			E	Residential	52	47	44	38	34	48	25	46	49	44	21	34	35	67	74	65	73	72	65	21	17	26	17	37	38	38	51	37	38	67	76	70	61		X
E101	18 Dorothy Street Rydalmere			E	Residential	52	47	44	38	48	62	43	54	57	52	39	50	51	78	85	76	84	83	76	34	30	39	30	52	53	51	64	50	51	81	90	84	75	X	X
E102	19 Dorothy Street Rydalmere			E	Residential	52	47	44	38	42	56	42	48	51	46	38	42	43	67	74	65	73	72	65	37	33	42	33	44	45	45	58	44	45	67	76	70	61		X
E103	2 Dorothy Street Rydalmere			E	Residential	52	47	44	38	66	80	45	63	66	61	42	61	62	77	84	75	83	82	75	38	34	43	34	66	67	57	70	56	57	85	94	88	79	X	X
E104	20 Dorothy Street Rydalmere			E	Residential	52	47	44	38	54	68	42	52	55	50	39	48	49	78	85	76	84	83	76	34	30	39	30	51	52	48	61	47	48	80	89	83	74	X	X
E105	21 Dorothy Street Rydalmere			E	Residential	52	47	44	38	42	56	42	49	52	47	38	42	43	69	76	67	75	74	67	34	30	39	30	44	45	49	62	48	49	69	78	72	63		X
E106	22 Dorothy Street Rydalmere			E	Residential	52	47	44	38	53	67	42	53	56	51	39	50	51	78	85	76	84	83	76	35	31	40	31	52	53	48	61	47	48	81	90	84	75	X	X
E107	23 Dorothy Street Rydalmere			E	Residential	52	47	44	38	44	58	41	51	54	49	38	46	47	63	70	61	69	68	61	34	30	39	30	44	45	48	61	47	48	70	79	73	64		X
E108	24 Dorothy Street Rydalmere			E	Residential	52	47	44	38	53	67	42	54	57	52	39	48	49	79	86	77	85	84	77	35	31	40	31	53	54	50	63	49	50	83	92	86	77	X	X
E109	25 Dorothy Street Rydalmere			E	Residential	52	47	44	38	47	61	42	53	56	51	39	49	50	67	74	65	73	72	65	35	31	40	31	51	52	49	62	48	49	71	80	74	65		X
E110	26 Dorothy Street Rydalmere			E	Residential	52	47	44	38	54	68	42	53	56	51	38	48	49	78	85	76	84	83	76	35	31	40	31	55	56	50	63	49	50	82	91	85	76	X	X
E111	27 Dorothy Street Rydalmere			E	Residential	52	47	44	38	47	61	44	53	56	51	39	49	50	68	75	66	74	73	66	36	32	41	32	51	52	49	62	48	49	73	82	76	67		X
E112	28 Dorothy Street Rydalmere			E	Residential	52	47	44	38	53	67	42	54	57	52	38	47	48	78	85	76	84	83	76	36	32	41	32	53	54	50	63	49	50	84	93	87	78	X	X
E113	29 Dorothy Street Rydalmere			E	Residential	52	47	44	38	47	61	43	53	56	51	38	49	50	67	74	65	73	72	65	36	32	41	32	51	52	49	62	48	49	74	83	77	68		X
E114	3 Dorothy Street Rydalmere			E	Residential	52	47	44	38	60	74	43	58	61	56	39	56	57	68	75	66	74	73	66	34	30	39	30	61	62	48	61	47	48	69	78	72	63		X
E115	30 Dorothy Street Rydalmere			E	Residential	52	47	44	38	53	67	42	54	57	52	38	47	48	77	84	75	83	82	75	35	31	40	31	53	54	50	63	49	50	91	100	94	85	X	X
E116	4 Dorothy Street Rydalmere			E	Residential	52	47	44	38	66	80	43	62	65	60	39	61	62	81	88	79	87	86	79	35	31	40	31	66	67	57	70	56	57	86	95	89	80	X	X
E117	4 Dorothy Street Rydalmere			E	Residential	52	47	44	38	63	77	27	60	63	58	23	61	62	77	84	75	83	82	75	22	18	27	18	65	66	56	69	55	56	80	89	83	74	X	X
E118	5 Dorothy Street Rydalmere			E	Residential	52	47	44	38	43	57	28	55	58	53	22	40	41	67	74	65	73	72	65	22	18	27	18	46	47	43	56	42	43	67	76	70	61		X
E119	7 Dorothy Street Rydalmere			E	Residential	52	47	44	38	49	63	43	55	58	53	40	47	48	68	75	66	74	73	66	35	31	40	31	48	49	50	63	49	50	69	78	72	63		X
E120	8 Dorothy Street Rydalmere			E	Residential	52	47	44	38	63	77	43	59	62	57	40	59	60	78	85	76	84	83	76	35	31	40	31	65	66	52	65	51	52	81	90	84	75	X	X
E121	9 Dorothy Street Rydalmere			E	Residential	52	47	44	38	53	67	44	55	58	53	40	53	54	69	76	67	75	74	67	35	31	40	31	56	57	51	64	50	51	69	78	72	63		X
E122	1 Elonera Street Rydalmere			E	Residential	52	47	44	38	35	49	45	39	42	37	41	35	36	47	54	45	53	52	45	35	31	40	31	38	39	36	49	35	36	46	55	49	40		
E123	3 Elonera Street Rydalmere			E	Residential	52	47	44	38	43	57	44	44	47	42	41	35	36	49	56	47	55	54	47	35	31	40	31	45	46	41	54	40	41	48	57	51	42		
E124	4 Elonera Street Rydalmere			E	Residential	52	47	44	38	50	64	44	50	53	48	39	34	35	56	63	54	62	61	54	35	31	40	31	51	52	45	58	44	45	57	66	60	51		
E125	5 Elonera Street Rydalmere			E	Residential	52	47	44	38	43	57	35	43	46	41	24	29	30	49	56	47	55	54	47	28	24	33	24	46	47	40	53	39	40	49	58	52	43		
E126	5 Elonera Street Rydalmere			E	Residential	52	47	44	38	51	65	44	52	55	50	40	38	39	57	64	55	63	62	55	35	31	40	31	53	54	45	58	44	45	58	67	61	52		
E127	6 Elonera Street Rydalmere			E	Residential	52	47	44	38	46	60	32	48	51	46	29	34	35	51	58	49	57	56	49	26	22	31	22	48	49	35	48	34	35	52	61	55	46		
E128	7 Elonera Street Rydalmere			E	Residential	52	47	44	38	38	52	42	41	44	39	38	34	35	48	55	46	54	53	46	34	30	39	30	41	42	36	49	35	36	47	56	50	41		
E129	7 Elonera Street Rydalmere			E	Residential	52	47	44	38	50	64	40	53	56	51	36	35	36	55	62	53	61	60	53	32	28	37	28	52	53	37	50	36	37	56	65	59	50		
E130	8 Elonera Street Rydalmere			E	Residential	52	47	44	38	43	57	36	47	50	45	33	33	34	47	54	45	53	52	45	30	26	35	26	45	46	42	55	41	42	48	57	51	42		
E131	8 Elonera Street Rydalmere			E	Residential	52	47	44	38	37	51	40	45	48	43	36	31	32	43	50	41	49	48	41	31	27	36	27	36	37	42	55	41	42	47	56	50	41		
E132	8 Elonera Street Rydalmere			E	Residential	52	47	44	38	38	52	38	46	49	44	35	31	32	44	51	42	50	49	42	31	27	36	27	39	40	43	56	42	43	44	53	47	38		
E133	8 Elonera Street Rydalmere			E	Residential	52	47	44	38	40	54	33	46	49	44	24	32	33	46	53	44	52	51	44	27	23	32	23	44	45	43	56	42	43	46	55	49	40		
E134	8 Elonera Street Rydalmere			E	Residential	52	47	44	38	44	58	43	48	51	46	39	36	37	48	55	46	54	53	46	35	31	40	31	46	47	44	57	43	44	55	64	58	49		
E135	9 Elonera Street Rydalmere			E	Residential	52	47	44	38	47	61	44	50	53	48	40	34	35	51	58	49	57	56	49	35	31	40	31	49	50	44	57	43	44	56	65	59	50		
E136	9 Elonera Street Rydalmere			E	Residential	52	47	44	38	45	59	44	48	51	46	40	33	34	51	58	49	57	56	49	35	31	40	31	48	49	44	57	43	44	51	60	54	45		
E137	9 Elonera Street Rydalmere			E	Residential	52	47	44	38	34	48	38	43	46	41	34	30	31	41	48	39	47	46	39	33	29	38	29	36	37	40	53	39	40	42	51	45	36		
E138	9 Elonera Street Rydalmere			E	Residential	52	47	44	38	35	49	37	45	48	43	23	30	31	43	50	41	49	48	41	32	28	37	28	38	39	38	51	37	38	42	51	45	36		
E139	9 Elonera Street Rydalmere			E	Residential	52	47	44	38	39	53	27	46	49	44	22	31	32	44	51	42	50	49	42	30	26	35	26	42	43	43	56	42	43	51	60	54	45		
E140	9-10 Elonera Street Rydalmere			E	Residential	52	47	44	38	30	44	39	35	38	33	35	29	30	39	46	37	45	44	37	32	28	37	28	33	34	31	44	30	31	39	48	42	33		
E141	1 Gladys Street Rydalmere			E	Residential	52	47	44	38	53	67	45	56	59	54	43	49	50	60	67	58	66	65	58	37	33	42	33	56	57	51	64	50	51	60	69	63	54		
E142	10 Gladys Street Rydalmere			E	Residential	52	47	44	38	37	51	43	49	52	47	37	45	46	63	70	61	69	68	61	34	30	39	30	42	43	47	60	46	47	63	72	66	57		
E143	11 Gladys Street Rydalmere			E	Residential	52	47	44	38	35	49	37	43	46	41	22	32	33	58	65	56	64	63	56	31	27	36	27	37	38	39	52	38	39	57	66	60	51		
E144	11 Gladys Street Rydalmere			E	Residential	52	47	44	38	31	45	39	43	46	41	35	34	35	54	61	52	60	59	52	31	27	36	27	34	35	38	51	37	38	54	63	57	48		
E145	12 Gladys Street Rydalmere			E	Residential	52	47	44	38	39	53	42	44	47	42	38	43	44	59	66	57	65	64	57	34	30	39	30	42	43	41	54	40	41	64	73	67	58		
E146	13 Gladys Street Rydalmere			E	Residential	52	47	44	38	39	53	42	43	46	41	38	39	40	51	58	49	57	56	49	36	32	41	32	40	41	40	53	39	40	50	59	53	44		
E147	14 Gladys Street Rydalmere			E	Residential	52	47	44	38	32	46	30	37	40	35	24	37	38	62	69	60	68	67	60	25	21	30	21	35	36	33	46	32	33	62	71	65	56		
E148	15 Gladys Street Rydalmere			E	Residential	52	47	44	38	36	50	42	48	51	46	38	42	43	54	61	52	60	59	52	36	32	41	32	40	41	41	54	40	41	53	62	56	47		
E149	16 Gladys Street Rydalmere			E	Residential	52	47	44	38	32	46	31	44	47	42	25	36	37	62	69	60	68	67	60	26	22	31	22	35	36	33	46	32	33	62	71	65	56		
E150	17 Gladys Street Rydalmere			E	Residential	52	47	44	38	38	52	42	50	53	48	38	44	45	56	63	54	62	61	54	34	30	39	30	42	43	46	59	45	46	57	66	60	51		
E151	18 Gladys Street Rydalmere			E	Residential	52	47	44	38	48	62	44	51	54	49	40	50	51	59	66	57	65	64	57	37	33	42	33	51	52	47	60	46	47	59	68	62	53		
E152	2 Gladys Street Rydalmere			E	Residential	52	47	44	38	56	70	44	57	60	55	41	55	56	63	70	61	69	68	61	37	33	42	33	59	60	53	66	52	53	64	73	67	58		
E153	20 Gladys Street Rydalmere			E	Residential	52	47	44	38	41	55	43	52	55	50	39	44	45	59	66	57	65	64	57	37	33	42	33	45	46	47	60	46	47	59	68	62	53		
E154	22 Gladys Street Rydalmere			E	Residential	52	47	44	38	45	59	44	52	55	50	40	43	44	63	70	61	69	68	61	36	32	41	32	44	45	48	61	47	48	63	72	66	57		
E155	24 Gladys Street Rydalmere			E	Residential	52	47	44	38	31	45	26	37	40	35	22	32	33	62	69	60	68	67	60	27	23	32	23	35	36	33	46	32	33	62	71	65	56		
E156	24 Gladys Street Rydalmere			E	Residential	52	47	44	38	30	44	35	37	40	35	27	31	32	63	70	61	69	68	61	29	25	34	25	35	36	33	46	32	33	63	72	66	57		
E157	28 Gladys Street Rydalmere			E	Residential	52	47	44	38	45	59	42	51	54	49	38	47	48	62	69	60	68	67	60	36	32	41	32	49	50	48	61	47	48	62	71	65	56		
E158	3 Gladys Street Rydalmere			E	Residential	52	47	44	38	43	57	39	48	51	46	35	43	44	53	60	51	59	58	51	33	29	38	29	47	48	45	58	44	45	53	62	56	47		
E159	30 Gladys Street Rydalmere			E	Residential	52	47	44	38	38	52	37	49	52	47	26	41	42	63	70	61	69	68	61	34	30	39	30	42	43	43	56	42	43	66	75	69	60		
E160	30 Gladys Street Rydalmere			E	Residential	52	47	44	38	39	53	33	43	46	41	29	32	33	64	71	62	70	69	62	27	23	32	23	38	39	45	58	44	45	67	76	70	61		X
E161	4 Gladys Street Rydalmere			E	Residential	52	47	44	38	46	60	44	50	53	48	40	44	45	63	70	61	69	68	61	35	31	40	31	46	47	44	57	43	44	63	72	66	57		
E162	5 Gladys Street Rydalmere			E	Residential	52	47	44	38	39	53	43	51	54	49	39	42	43	54	61	52	60	59	52	36	32	41	32	42	43	43	56	42	43	54	63	57	48		
E163	6 Gladys Street Rydalmere			E	Residential	52	47	44	38	44	58	33	53	56	51	29	41	42	60	67	58	66	65	58	28	24	33	24	45	46	48	61	47	48	60	69	63	54		
E164	7 Gladys Street Rydalmere			E	Residential	52	47	44	38	42	56	44	48	51	46	40	43	44	53	60	51	59	58	51	38	34	43	34	44	45	43	56	42	43	52	61	55	46		
E165	8 Gladys Street Rydalmere			E	Residential	52	47	44	38	47	61	31	52	55	50	25	38	39	60	67	58	66	65	58	26	22	31	22	50	51	49	62	48	49	62	71	65	56		
E166	9 Gladys Street Rydalmere			E	Residential	52	47	44	38	40	54	42	48	51	46	38	42	43	56	63	54	62	61	54	35	31	40	31	42	43	44	57	43	44	55	64	58	49		
E167	9 Gladys Street Rydalmere			E	Residential	52	47	44	38	35	49	38	45	48	43	36	36	37	45	52	43	51	50	43	31	27	36	27	37	38	35	48	34	35	47	56	50	41		
E168	1 John Street Rydalmere			E	Residential	52	47	44	38	31	45	41	38	41	36	37	33	34	37	44	35	43	42	35	32	28	37	28	35	36	31	44	30	31	38	47	41	32		
E169	1 John Street Rydalmere			E	Residential	52	47	44	38	33	47	34	42	45	40	26	36	37	41	48	39	47	46	39	27	23	32	23	37	38	39	52	38	39	39	48	42	33		
E170	11 John Street Rydalmere			E	Residential	52	47	44	38	51	65	42	54	57	52	38	47	48	58	65	56	64	63	56	33	29	38	29	54	55	50	63	49	50	58	67	61	52		
E171	13 John Street Rydalmere			E	Residential	52	47	44	38	31	45	32	41	44	39	27	33	34	47	54	45	53	52	45	26	22	31	22	34	35	33	46	32	33	47	56	50	41		
E172	13 John Street Rydalmere			E	Residential	52	47	44	38	44	58	41	48	51	46	37	46	47	51	58	49	57	56	49	33	29	38	29	48	49	45	58	44	45	51	60	54	45		
E173	15 John Street Rydalmere			E	Residential	52	47	44	38	61	75	43	79	82	77	41	60	61	66	73	64	72	71	64	36	32	41	32	62	63	65	78	64	65	78	87	81	72	X	X
E174	17 John Street Rydalmere			E	Residential	52	47	44	38	59	73	44	78	81	76	42	59	60	65	72	63	71	70	63	37	33	42	33	61	62	64	77	63	64	73	82	76	67		X
E175	19 John Street Rydalmere			E	Residential	52	47	44	38	43	57	42	75	78	73	41	45	46	64	71	62	70	69	62	35	31	40	31	47	48	63	76	62	63	61	70	64	55		X
E176	21 John Street Rydalmere			E	Residential	52	47	44	38	42	56	42	71	74	69	41	43	44	63	70	61	69	68	61	35	31	40	31	47	48	62	75	61	62	62	71	65	56		X
E177	22 John Street Rydalmere			E	Residential	52	47	44	38	47	61	40	56	59	54	36	45	46	61	68	59	67	66	59	33	29	38	29	42	43	38	51	37	38	61	70	64	55		
E178	23 John Street Rydalmere			E	Residential	52	47	44	38	55	69	42	70	73	68	41	55	56	62	69	60	68	67	60	35	31	40	31	58	59	62	75	61	62	65	74	68	59		X
E179	24 John Street Rydalmere			E	Residential	52	47	44	38	40	54	39	52	55	50	36	45	46	61	68	59	67	66	59	34	30	39	30	40	41	36	49	35	36	62	71	65	56		
E180	25 John Street Rydalmere			E	Residential	52	47	44	38	55	69	42	69	72	67	41	54	55	62	69	60	68	67	60	35	31	40	31	57	58	61	74	60	61	64	73	67	58		X
E181	26 John Street Rydalmere			E	Residential	52	47	44	38	51	65	40	57	60	55	36	47	48	62	69	60	68	67	60	33	29	38	29	48	49	40	53	39	40	62	71	65	56		
E182	27 John Street Rydalmere			E	Residential	52	47	44	38	40	54	30	49	52	47	26	45	46	59	66	57	65	64	57	27	23	32	23	43	44	45	58	44	45	59	68	62	53		
E183	27 John Street Rydalmere			E	Residential	52	47	44	38	44	58	42	66	69	64	41	46	47	61	68	59	67	66	59	35	31	40	31	47	48	60	73	59	60	59	68	62	53		X
E184	28 John Street Rydalmere			E	Residential	52	47	44	38	51	65	35	56	59	54	31	49	50	63	70	61	69	68	61	32	28	37	28	46	47	45	58	44	45	63	72	66	57		
E185	29 John Street Rydalmere			E	Residential	52	47	44	38	53	67	43	66	69	64	41	56	57	61	68	59	67	66	59	36	32	41	32	52	53	60	73	59	60	59	68	62	53		
E186	3 John Street Rydalmere			E	Residential	52	47	44	38	29	43	28	35	38	33	22	28	29	36	43	34	42	41	34	21	17	26	17	33	34	31	44	30	31	35	44	38	29		
E187	30 John Street Rydalmere			E	Residential	52	47	44	38	47	61	38	51	54	49	28	43	44	60	67	58	66	65	58	31	27	36	27	44	45	41	54	40	41	60	69	63	54		
E188	31 John Street Rydalmere			E	Residential	52	47	44	38	53	67	42	65	68	63	41	54	55	61	68	59	67	66	59	36	32	41	32	53	54	60	73	59	60	59	68	62	53		
E189	32 John Street Rydalmere			E	Residential	52	47	44	38	45	59	38	48	51	46	36	42	43	55	62	53	61	60	53	36	32	41	32	43	44	39	52	38	39	55	64	58	49		
E190	34 John Street Rydalmere			E	Residential	52	47	44	38	59	73	43	59	62	57	32	49	50	66	73	64	72	71	64	34	30	39	30	55	56	49	62	48	49	67	76	70	61		X
E191	35 John Street Rydalmere			E	Residential	52	47	44	38	50	64	43	61	64	59	39	51	52	58	65	56	64	63	56	36	32	41	32	52	53	58	71	57	58	58	67	61	52		
E192	36 John Street Rydalmere			E	Residential	52	47	44	38	60	74	38	60	63	58	28	52	53	68	75	66	74	73	66	28	24	33	24	57	58	51	64	50	51	69	78	72	63		X
E193	38 John Street Rydalmere			E	Residential	52	47	44	38	49	63	38	50	53	48	33	41	42	68	75	66	74	73	66	30	26	35	26	45	46	41	54	40	41	70	79	73	64	X	X
E194	40 John Street Rydalmere			E	Residential	52	47	44	38	63	77	41	61	64	59	37	46	47	71	78	69	77	76	69	36	32	41	32	56	57	49	62	48	49	74	83	77	68	X	X
E195	42 John Street Rydalmere			E	Residential	52	47	44	38	59	73	40	62	65	60	36	45	46	72	79	70	78	77	70	36	32	41	32	52	53	45	58	44	45	76	85	79	70	X	X
E196	44 John Street Rydalmere			E	Residential	52	47	44	38	56	70	27	53	56	51	23	44	45	75	82	73	81	80	73	24	20	29	20	50	51	40	53	39	40	83	92	86	77	X	X
E197	46 John Street Rydalmere			E	Residential	52	47	44	38	72	86	40	63	66	61	38	63	64	79	86	77	85	84	77	35	31	40	31	68	69	57	70	56	57	110	119	113	104	X	X
E198	5 John Street Rydalmere			E	Residential	52	47	44	38	45	59	43	48	51	46	39	46	47	52	59	50	58	57	50	35	31	40	31	48	49	44	57	43	44	52	61	55	46		
E199	52 John Street Rydalmere		whole	E	Industrial	75	0	0	0	79	93	41	66	69	64	38	66	67	94	101	92	100	99	92	35	31	40	31	78	79	59	72	58	59	86	95	89	80	X	X
E200	54 John Street Rydalmere		whole	E	Industrial	75	0	0	0	83	97	40	69	72	67	34	69	70	98	105	96	104	103	96	34	30	39	30	98	99	61	74	60	61	96	105	99	90	X	X
E201	60 John Street Rydalmere		whole	E	Industrial	75	0	0	0	94	108	46	74	77	72	42	83	84	100	107	98	106	105	98	36	32	41	32	97	98	65	78	64	65	79	88	82	73	X	X
E202	7 John Street Rydalmere			E	Residential	52	47	44	38	46	60	41	52	55	50	37	45	46	53	60	51	59	58	51	34	30	39	30	49	50	47	60	46	47	53	62	56	47		
E203	9 John Street Rydalmere			E	Residential	52	47	44	38	41	55	44	48	51	46	40	43	44	52	59	50	58	57	50	36	32	41	32	44	45	45	58	44	45	51	60	54	45		
E204	10 Milton Street Rydalmere			E	Residential	52	47	44	38	49	63	40	62	65	60	35	50	51	60	67	58	66	65	58	35	31	40	31	48	49	54	67	53	54	60	69	63	54		
E205	12 Milton Street Rydalmere			E	Residential	52	47	44	38	38	52	27	46	49	44	24	42	43	60	67	58	66	65	58	22	18	27	18	41	42	43	56	42	43	59	68	62	53		
E206	14 Milton Street Rydalmere			E	Residential	52	47	44	38	42	56	31	51	54	49	24	31	32	59	66	57	65	64	57	26	22	31	22	47	48	45	58	44	45	59	68	62	53		
E207	16 Milton Street Rydalmere			E	Residential	52	47	44	38	41	55	31	51	54	49	25	34	35	58	65	56	64	63	56	26	22	31	22	49	50	46	59	45	46	58	67	61	52		
E208	18 Milton Street Rydalmere			E	Residential	52	47	44	38	40	54	26	49	52	47	22	32	33	58	65	56	64	63	56	23	19	28	19	50	51	45	58	44	45	57	66	60	51		
E209	2 Milton Street Rydalmere			E	Residential	52	47	44	38	52	66	31	60	63	58	24	51	52	59	66	57	65	64	57	28	24	33	24	55	56	45	58	44	45	67	76	70	61		X
E210	20 Milton Street Rydalmere			E	Residential	52	47	44	38	41	55	26	50	53	48	23	44	45	57	64	55	63	62	55	26	22	31	22	50	51	46	59	45	46	56	65	59	50		
E211	22 Milton Street Rydalmere			E	Residential	52	47	44	38	51	65	41	62	65	60	36	52	53	59	66	57	65	64	57	36	32	41	32	47	48	58	71	57	58	58	67	61	52		
E212	24 Milton Street Rydalmere			E	Residential	52	47	44	38	34	48	42	60	63	58	40	39	40	58	65	56	64	63	56	37	33	42	33	57	58	57	70	56	57	57	66	60	51		
E213	4 Milton Street Rydalmere			E	Residential	52	47	44	38	39	53	37	51	54	49	35	39	40	63	70	61	69	68	61	30	26	35	26	46	47	44	57	43	44	63	72	66	57		
E214	6 Milton Street Rydalmere			E	Residential	52	47	44	38	35	49	31	51	54	49	29	37	38	62	69	60	68	67	60	25	21	30	21	47	48	41	54	40	41	62	71	65	56		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
E215	8 Milton Street Rydalmere			E	Residential	52	47	44	38	38	52	32	48	51	46	27	35	36	61	68	59	67	66	59	26	22	31	22	46	47	42	55	41	42	61	70	64	55		
E216	11 Park Road Rydalmere	Immanuel Australia Church		E	Place of worship	55	0	0	0	50	64	49	59	62	57	45	41	42	56	63	54	62	61	54	36	32	41	32	32	33	54	67	53	54	57	66	60	51		
E217	17 Park Road Rydalmere			E	Industrial	75	0	0	0	50	64	45	54	57	52	37	53	54	54	61	52	60	59	52	40	36	45	36	52	53	48	61	47	48	55	64	58	49		
E218	21 Park Road Rydalmere			E	Industrial	75	0	0	0	30	44	30	34	37	32	27	37	38	36	43	34	42	41	34	21	17	26	17	34	35	32	45	31	32	35	44	38	29		
E219	23 Park Road Rydalmere			E	Industrial	75	0	0	0	34	48	43	41	44	39	39	35	36	44	51	42	50	49	42	37	33	42	33	33	34	35	48	34	35	45	54	48	39		
E220	25 Park Road Rydalmere			E	Industrial	75	0	0	0	33	47	47	44	47	42	44	39	40	44	51	42	50	49	42	37	33	42	33	31	32	42	55	41	42	43	52	46	37		
E221	27 Park Road Rydalmere			E	Industrial	75	0	0	0	28	42	45	39	42	37	42	36	37	49	56	47	55	54	47	35	31	40	31	29	30	33	46	32	33	49	58	52	43		
E222	29 Park Road Rydalmere			E	Industrial	75	0	0	0	49	63	30	33	36	31	26	30	31	54	61	52	60	59	52	21	17	26	17	31	32	28	41	27	28	55	64	58	49		
E223	33 Park Road Rydalmere			E	Residential	52	47	44	38	38	52	33	38	41	36	30	32	33	45	52	43	51	50	43	31	27	36	27	39	40	36	49	35	36	44	53	47	38		
E224	33 Park Road Rydalmere			E	Residential	52	47	44	38	49	63	41	46	49	44	27	38	39	54	61	52	60	59	52	35	31	40	31	41	42	41	54	40	41	55	64	58	49		
E225	33 Park Road Rydalmere			E	Residential	52	47	44	38	39	53	30	34	37	32	26	30	31	45	52	43	51	50	43	23	19	28	19	39	40	36	49	35	36	44	53	47	38		
E226	37 Park Road Rydalmere			E	Residential	52	47	44	38	42	56	29	49	52	47	25	44	45	48	55	46	54	53	46	20	16	25	16	39	40	46	59	45	46	48	57	51	42		
E227	39 Park Road Rydalmere			E	Residential	52	47	44	38	38	52	30	37	40	35	26	31	32	46	53	44	52	51	44	22	18	27	18	38	39	36	49	35	36	44	53	47	38		
E228	41 Park Road Rydalmere			E	Residential	52	47	44	38	40	54	35	48	51	46	31	35	36	47	54	45	53	52	45	31	27	36	27	37	38	45	58	44	45	46	55	49	40		
E229	43 Park Road Rydalmere			E	Residential	52	47	44	38	40	54	28	47	50	45	24	34	35	46	53	44	52	51	44	20	16	25	16	37	38	44	57	43	44	46	55	49	40		
E230	43 Park Road Rydalmere			E	Residential	52	47	44	38	39	53	34	47	50	45	30	34	35	46	53	44	52	51	44	32	28	37	28	37	38	45	58	44	45	46	55	49	40		
E231	47 Park Road Rydalmere			E	Residential	52	47	44	38	33	47	39	46	49	44	23	34	35	45	52	43	51	50	43	34	30	39	30	38	39	43	56	42	43	44	53	47	38		
E232	47 Park Road Rydalmere			E	Residential	52	47	44	38	34	48	37	47	50	45	25	34	35	46	53	44	52	51	44	31	27	36	27	38	39	44	57	43	44	45	54	48	39		
E233	49 Park Road Rydalmere			E	Residential	52	47	44	38	31	45	38	45	48	43	23	33	34	44	51	42	50	49	42	33	29	38	29	33	34	43	56	42	43	43	52	46	37		
E234	51 Park Road Rydalmere			E	Residential	52	47	44	38	32	46	40	45	48	43	37	31	32	44	51	42	50	49	42	35	31	40	31	36	37	42	55	41	42	42	51	45	36		
E235	53 Park Road Rydalmere			E	Residential	52	47	44	38	36	50	40	43	46	41	36	32	33	47	54	45	53	52	45	35	31	40	31	38	39	42	55	41	42	47	56	50	41		
E236	55 Park Road Rydalmere			E	Residential	52	47	44	38	35	49	35	36	39	34	32	32	33	41	48	39	47	46	39	28	24	33	24	35	36	34	47	33	34	40	49	43	34		
E237	57 Park Road Rydalmere			E	Residential	52	47	44	38	42	56	39	44	47	42	37	39	40	47	54	45	53	52	45	31	27	36	27	45	46	42	55	41	42	48	57	51	42		
E238	57 Park Road Rydalmere			E	Residential	52	47	44	38	30	44	37	44	47	42	33	28	29	44	51	42	50	49	42	33	29	38	29	33	34	42	55	41	42	43	52	46	37		
E239	57 Park Road Rydalmere			E	Residential	52	47	44	38	41	55	45	42	45	40	41	34	35	46	53	44	52	51	44	36	32	41	32	41	42	39	52	38	39	47	56	50	41		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
F211	2 Kirby Street Rydalmere			F	Residential	57	52	50	41	37	51	40	47	50	45	36	39	40	52	59	50	58	57	50	33	29	38	29	40	41	43	56	42	43	52	61	55	46		
F212	20 Kirby Street Rydalmere			F	Residential	57	52	50	41	31	45	40	42	45	40	36	30	31	40	47	38	46	45	38	32	28	37	28	35	36	38	51	37	38	39	48	42	33		
F213	21 Kirby Street Rydalmere			F	Residential	57	52	50	41	29	43	23	40	43	38	20	23	24	38	45	36	44	43	36	25	21	30	21	32	33	32	45	31	32	40	49	43	34		
F214	22 Kirby Street Rydalmere			F	Residential	57	52	50	41	31	45	40	41	44	39	37	31	32	40	47	38	46	45	38	33	29	38	29	35	36	38	51	37	38	39	48	42	33		
F215	23 Kirby Street Rydalmere			F	Residential	57	52	50	41	29	43	26	39	42	37	23	30	31	38	45	36	44	43	36	22	18	27	18	32	33	32	45	31	32	37	46	40	31		
F216	24 Kirby Street Rydalmere			F	Residential	57	52	50	41	30	44	42	40	43	38	38	32	33	38	45	36	44	43	36	35	31	40	31	33	34	37	50	36	37	37	46	40	31		
F217	25 Kirby Street Rydalmere			F	Residential	57	52	50	41	30	44	27	37	40	35	21	24	25	36	43	34	42	41	34	21	17	26	17	33	34	34	47	33	34	35	44	38	29		
F218	3 Kirby Street Rydalmere			F	Residential	57	52	50	41	31	45	38	46	49	44	33	34	35	50	57	48	56	55	48	31	27	36	27	37	38	43	56	42	43	49	58	52	43		
F219	3 Kirby Street Rydalmere			F	Residential	57	52	50	41	33	47	38	45	48	43	34	34	35	50	57	48	56	55	48	31	27	36	27	35	36	41	54	40	41	49	58	52	43		
F220	4 Kirby Street Rydalmere			F	Residential	57	52	50	41	35	49	39	47	50	45	36	37	38	53	60	51	59	58	51	32	28	37	28	38	39	44	57	43	44	55	64	58	49		
F221	6 Kirby Street Rydalmere			F	Residential	57	52	50	41	36	50	40	45	48	43	36	37	38	52	59	50	58	57	50	32	28	37	28	39	40	40	53	39	40	51	60	54	45		
F222	7 Kirby Street Rydalmere			F	Residential	57	52	50	41	31	45	39	43	46	41	36	33	34	51	58	49	57	56	49	32	28	37	28	36	37	40	53	39	40	50	59	53	44		
F223	7 Kirby Street Rydalmere			F	Residential	57	52	50	41	35	49	39	45	48	43	36	37	38	46	53	44	52	51	44	32	28	37	28	38	39	39	52	38	39	47	56	50	41		
F224	8 Kirby Street Rydalmere			F	Residential	57	52	50	41	34	48	30	42	45	40	23	32	33	47	54	45	53	52	45	23	19	28	19	46	47	38	51	37	38	46	55	49	40		
F225	9 Kirby Street Rydalmere			F	Residential	57	52	50	41	32	46	39	44	47	42	35	34	35	45	52	43	51	50	43	31	27	36	27	35	36	41	54	40	41	49	58	52	43		
F226	1 Milton Street Rydalmere			F	Residential	57	52	50	41	50	64	28	57	60	55	25	49	50	64	71	62	70	69	62	25	21	30	21	52	53	50	63	49	50	64	73	67	58		
F227	1 Milton Street Rydalmere			F	Residential	57	52	50	41	37	51	29	53	56	51	25	39	40	59	66	57	65	64	57	29	25	34	25	41	42	47	60	46	47	59	68	62	53		X
F228	13 Milton Street Rydalmere			F	Residential	57	52	50	41	48	62	28	56	59	54	25	50	51	59	66	57	65	64	57	27	23	32	23	52	53	50	63	49	50	61	70	64	55		
F229	15 Milton Street Rydalmere			F	Residential	57	52	50	41	47	61	24	55	58	53	22	48	49	56	63	54	62	61	54	19	15	24	15	48	49	50	63	49	50	55	64	58	49		
F230	17 Milton Street Rydalmere			F	Residential	57	52	50	41	48	62	40	57	60	55	33	47	48	56	63	54	62	61	54	34	30	39	30	53	54	56	69	55	56	56	65	59	50		
F231	19 Milton Street Rydalmere			F	Residential	57	52	50	41	42	56	28	52	55	50	22	39	40	53	60	51	59	58	51	25	21	30	21	47	48	50	63	49	50	53	62	56	47		
F232	21 Milton Street Rydalmere			F	Residential	57	52	50	41	42	56	28	52	55	50	23	34	35	53	60	51	59	58	51	24	20	29	20	49	50	49	62	48	49	55	64	58	49		
F233	23 Milton Street Rydalmere			F	Residential	57	52	50	41	42	56	27	51	54	49	23	32	33	54	61	52	60	59	52	27	23	32	23	49	50	50	63	49	50	56	65	59	50		
F234	25 Milton Street Rydalmere			F	Residential	57	52	50	41	40	54	29	50	53	48	25	32	33	56	63	54	62	61	54	26	22	31	22	49	50	47	60	46	47	55	64	58	49		
F235	27 Milton Street Rydalmere			F	Residential	57	52	50	41	40	54	33	51	54	49	30	42	43	55	62	53	61	60	53	26	22	31	22	49	50	47	60	46	47	55	64	58	49		
F236	3 Milton Street Rydalmere			F	Residential	57	52	50	41	46	60	41	61	64	59	39	42	43	58	65	56	64	63	56	35	31	40	31	48	49	55	68	54	55	57	66	60	51		
F237	5 Milton Street Rydalmere			F	Residential	57	52	50	41	39	53	41	60	63	58	39	40	41	56	63	54	62	61	54	34	30	39	30	41	42	55	68	54	55	55	64	58	49		
F238	7 Milton Street Rydalmere			F	Residential	57	52	50	41	44	58	41	57	60	55	39	47	48	55	62	53	61	60	53	34	30	39	30	41	42	53	66	52	53	55	64	58	49		
F239	9 Milton Street Rydalmere			F	Residential	57	52	50	41	38	52	27	50	53	48	23	41	42	59	66	57	65	64	57	22	18	27	18	49	50	43	56	42	43	60	69	63	54		
F240	1 Nowill Street Rydalmere			F	Residential	57	52	50	41	41	55	39	52	55	50	38	43	44	53	60	51	59	58	51	33	29	38	29	47	48	49	62	48	49	53	62	56	47		
F241	11 Nowill Street Rydalmere			F	Residential	57	52	50	41	44	58	26	53	56	51	22	39	40	54	61	52	60	59	52	22	18	27	18	52	53	50	63	49	50	53	62	56	47		
F242	13 Nowill Street Rydalmere			F	Residential	57	52	50	41	42	56	39	51	54	49	32	44	45	57	64	55	63	62	55	33	29	38	29	51	52	47	60	46	47	58	67	61	52		
F243	14 Nowill Street Rydalmere			F	Residential	57	52	50	41	44	58	39	52	55	50	33	46	47	54	61	52	60	59	52	34	30	39	30	51	52	46	59	45	46	56	65	59	50		
F244	15 Nowill Street Rydalmere			F	Residential	57	52	50	41	40	54	34	50	53	48	27	41	42	56	63	54	62	61	54	32	28	37	28	53	54	49	62	48	49	55	64	58	49		
F245	16 Nowill Street Rydalmere			F	Residential	57	52	50	41	43	57	37	53	56	51	31	45	46	58	65	56	64	63	56	32	28	37	28	51	52	51	64	50	51	60	69	63	54		
F246	17 Nowill Street Rydalmere			F	Residential	57	52	50	41	42	56	39	52	55	50	32	44	45	56	63	54	62	61	54	34	30	39	30	53	54	48	61	47	48	57	66	60	51		
F247	18 Nowill Street Rydalmere			F	Residential	57	52	50	41	43	57	28	53	56	51	23	38	39	57	64	55	63	62	55	26	22	31	22	50	51	51	64	50	51	59	68	62	53		
F248	19 Nowill Street Rydalmere			F	Residential	57	52	50	41	42	56	39	51	54	49	33	44	45	56	63	54	62	61	54	34	30	39	30	52	53	50	63	49	50	57	66	60	51		
F249	2 Nowill Street Rydalmere			F	Residential	57	52	50	41	41	55	40	52	55	50	35	42	43	64	71	62	70	69	62	33	29	38	29	45	46	49	62	48	49	68	77	71	62		X
F250	20 Nowill Street Rydalmere			F	Residential	57	52	50	41	45	59	34	53	56	51	27	47	48	53	60	51	59	58	51	33	29	38	29	51	52	50	63	49	50	52	61	55	46		
F251	20 Nowill Street Rydalmere			F	Residential	57	52	50	41	43	57	40	52	55	50	33	45	46	57	64	55	63	62	55	34	30	39	30	50	51	50	63	49	50	56	65	59	50		
F252	21 Nowill Street Rydalmere			F	Residential	57	52	50	41	38	52	30	46	49	44	23	43	44	54	61	52	60	59	52	25	21	30	21	50	51	43	56	42	43	52	61	55	46		
F253	22 Nowill Street Rydalmere			F	Residential	57	52	50	41	42	56	35	53	56	51	31	37	38	56	63	54	62	61	54	30	26	35	26	50	51	49	62	48	49	57	66	60	51		
F254	23 Nowill Street Rydalmere			F	Residential	57	52	50	41	42	56	34	49	52	47	29	37	38	52	59	50	58	57	50	25	21	30	21	49	50	46	59	45	46	52	61	55	46		
F255	24 Nowill Street Rydalmere			F	Residential	57	52	50	41	42	56	32	52	55	50	27	39	40	55	62	53	61	60	53	26	22	31	22	51	52	47	60	46	47	57	66	60	51		
F256	25 Nowill Street Rydalmere			F	Residential	57	52	50	41	42	56	25	51	54	49	25	38	39	52	59	50	58	57	50	20	16	25	16	49	50	46	59	45	46	51	60	54	45		
F257	26 Nowill Street Rydalmere			F	Residential	57	52	50	41	39	53	31	47	50	45	24	38	39	55	62	53	61	60	53	19	15	24	15	50	51	46	59	45	46	56	65	59	50		
F258	27 Nowill Street Rydalmere			F	Residential	57	52	50	41	40	54	40	52	55	50	36	42	43	54	61	52	60	59	52	34	30	39	30	43	44	48	61	47	48	55	64	58	49		
F259	28 Nowill Street Rydalmere			F	Residential	57	52	50	41	38	52	35	45	48	43	30	33	34	54	61	52	60	59	52	30	26	35	26	50	51	45	58	44	45	55	64	58	49		
F260	29 Nowill Street Rydalmere			F	Residential	57	52	50	41	41	55	38	51	54	49	34	29	30	49	56	47	55	54	47	30	26	35	26	42	43	46	59	45	46	48	57	51	42		
F261	3 Nowill Street Rydalmere			F	Residential	57	52	50	41	43	57	39	52	55	50	34	45	46	54	61	52	60	59	52	33	29	38	29	47	48	50	63	49	50	63	72	66	57		
F262	31 Nowill Street Rydalmere			F	Residential	57	52	50	41	40	54	47	58	61	56	42	43	44	53	60	51	59	58	51	39	35	44	35	46	47	48	61	47	48	54	63	57	48		
F263	33 Nowill Street Rydalmere			F	Residential	57	52	50	41	39	53	46	58	61	56	42	41	42	53	60	51	59	58	51	38	34	43	34	43	44	52	65	51	52	54	63	57	48		
F264	4 Nowill Street Rydalmere			F	Residential	57	52	50	41	44	58	40	53	56	51	38	37	38	63	70	61	69	68	61	33	29	38	29	47	48	49	62	48	49	66	75	69	60		X
F265	5 Nowill Street Rydalmere			F	Residential	57	52	50	41	43	57	39	52	55	50	35	45	46	60	67	58	66	65	58	33	29	38	29	44	45	48	61	47	48	62	71	65	56		
F266	6 Nowill Street Rydalmere			F	Residential	57	52	50	41	45	59	40	55	58	53	35	41	42	58	65	56	64	63	56	34	30	39	30	44	45	49	62	48	49	57	66	60	51		
F267	6 Nowill Street Rydalmere			F	Residential	57	52	50	41	43	57	31	50	53	48	26	42	43	61	68	59	67	66	59	25	21	30	21	52	53	46	59	45	46	63	72	66	57		
F268	6 Nowill Street Rydalmere			F	Residential	57	52	50	41	42	56	27	50	53	48	22	31	32	60	67	58	66	65	58	25	21	30	21	52	53	46	59	45	46	62	71	65	56		
F269	7 Nowill Street Rydalmere			F	Residential	57	52	50	41	45	59	24	57	60	55	21	38	39	55	62	53	61	60	53	20	16	25	16	53	54	51	64	50	51	55	64	58	49		
F270	9 Nowill Street Rydalmere			F	Residential	57	52	50	41	45	59	37	53	56	51	31	46	47	58	65	56	64	63	56	33	29	38	29	47	48	47	60	46	47	60	69	63	54		
F271	1 Patricia Street Rydalmere			F	Residential	57	52	50	41	32	46	39	41	44	39	36	34	35	41	48	39	47	46	39	31	27	36	27	35	36	39	52	38	39	40	49	43	34		
F272	1 Patricia Street Rydalmere			F	Residential	57	52	50	41	30	44	39	40	43	38	36	31	32	39	46	37	45	44	37	31	27	36	27	33	34	38	51	37	38	37	46	40	31		
F273	13 Patricia Street Rydalmere			F	Residential	57	52	50	41	40	54	40	46	49	44	36	38	39	52	59	50	58	57	50	32	28	37	28	38	39	43	56	42	43	53	62	56	47		
F274	15 Patricia Street Rydalmere			F	Residential	57	52	50	41	39	53	40	47	50	45	36	42	43	53	60	51	59	58	51	33	29	38	29	43	44	43	56	42	43	55	64	58	49		
F275	17 Patricia Street Rydalmere			F	Residential	57	52	50	41	41	55	42	49	52	47	37	42	43	52	59	50	58	57	50	36	32	41	32	43	44	45	58	44	45	53	62	56	47		
F276	19 Patricia Street Rydalmere			F	Residential	57	52	50	41	38	52	41	50	53	48	38	35	36	51	58	49	57	56	49	34	30	39	30	39	40	47	60	46	47	50	59	53	44		
F277	21 Patricia Street Rydalmere			F	Residential	57	52	50	41	43	57	42	50	53	48	38	45	46	51	58	49	57	56	49	34	30	39	30	45	46	47	60	46	47	50	59	53	44		
F278	3 Patricia Street Rydalmere			F	Residential	57	52	50	41	32	46	39	41	44	39	36	34	35	41	48	39	47	46	39	32	28	37	28	35	36	39	52	38	39	39	48	42	33		
F279	5 Patricia Street Rydalmere			F	Residential	57	52	50	41	33	47	40	42	45	40	36	35	36	48	55	46	54	53	46	31	27	36	27	36	37	39	52	38	39	49	58	52	43		
F280	7 Patricia Street Rydalmere			F	Residential	57	52	50	41	34	48	40	43	46	41	36	37	38	50	57	48	56	55	48	32	28	37	28	38	39	39	52	38	39	51	60	54	45		
F281	9 Patricia Street Rydalmere			F	Residential	57	52	50	41	38	52	40	46	49	44	36	36	37	52	59	50	58	57	50	33	29	38	29	37	38	43	56	42	43	53	62	56	47		
F282	9 Patricia Street Rydalmere			F	Residential	57	52	50	41	35	49	40	45	48	43	36	36	37	51	58	49	57	56	49	33	29	38	29	37	38	41	54	40	41	52	61	55	46		
F283	1 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	26	40	35	44	47	42	29	26	27	45	52	43	51	50	43	30	26	35	26	34	35	34	47	33	34	45	54	48	39		
F284	1 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	26	40	34	43	46	41	28	25	26	43	50	41	49	48	41	29	25	34	25	33	34	33	46	32	33	43	52	46	37		
F285	10 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	29	43	23	41	44	39	19	30	31	41	48	39	47	46	39	28	24	33	24	33	34	39	52	38	39	41	50	44	35		
F286	11 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	34	48	37	56	59	54	32	30	31	59	66	57	65	64	57	31	27	36	27	46	47	50	63	49	50	59	68	62	53		
F287	12 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	30	44	32	41	44	39	21	28	29	40	47	38	46	45	38	27	23	32	23	34	35	38	51	37	38	39	48	42	33		
F288	13 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	47	61	37	56	59	54	35	39	40	60	67	58	66	65	58	31	27	36	27	52	53	55	68	54	55	61	70	64	55		
F289	14 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	29	43	30	42	45	40	21	22	23	43	50	41	49	48	41	24	20	29	20	32	33	41	54	40	41	42	51	45	36		
F290	15 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	34	48	38	61	64	59	34	35	36	65	72	63	71	70	63	32	28	37	28	48	49	53	66	52	53	67	76	70	61		X
F291	16 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	29	43	27	44	47	42	18	22	23	44	51	42	50	49	42	21	17	26	17	32	33	42	55	41	42	44	53	47	38		
F292	17 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	38	52	37	62	65	60	33	34	35	66	73	64	72	71	64	32	28	37	28	50	51	54	67	53	54	70	79	73	64		X
F293	18 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	33	47	20	45	48	43	16	24	25	40	47	38	46	45	38	18	14	23	14	33	34	38	51	37	38	40	49	43	34		
F294	19 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	38	52	39	47	50	45	36	40	41	68	75	66	74	73	66	33	29	38	29	54	55	46	59	45	46	73	82	76	67		X
F295	2 Primrose Avenue Rydalmere	Rydalmere Masjid		F	Place of worship	55	0	0	0	20	34	21	35	38	33	19	20	21	37	44	35	43	42	35	17	13	22	13	29	30	33	46	32	33	36	45	39	30		
F296	20 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	27	41	34	35	38	33	28	27	28	39	46	37	45	44	37	30	26	35	26	33	34	34	47	33	34	38	47	41	32		
F297	21 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	38	52	38	48	51	46	35	40	41	70	77	68	76	75	68	32	28	37	28	54	55	48	61	47	48	76	85	79	70	X	X
F298	22 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	27	41	37	42	45	40	31	29	30	52	59	50	58	57	50	32	28	37	28	35	36	40	53	39	40	52	61	55	46		
F299	23 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	41	55	38	54	57	52	35	39	40	73	80	71	79	78	71	32	28	37	28	61	62	57	70	56	57	82	91	85	76	X	X
F300	24 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	36	50	37	43	46	41	34	35	36	54	61	52	60	59	52	31	27	36	27	40	41	39	52	38	39	54	63	57	48		
F301	25 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	61	75	25	74	77	72	21	40	41	75	82	73	81	80	73	25	21	30	21	50	51	73	86	72	73	83	92	86	77	X	X
F302	26 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	28	42	35	39	42	37	27	28	29	54	61	52	60	59	52	31	27	36	27	48	49	38	51	37	38	53	62	56	47		
F303	28 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	27	41	31	46	49	44	23	27	28	59	66	57	65	64	57	31	27	36	27	50	51	40	53	39	40	57	66	60	51		
F304	3 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	26	40	36	48	51	46	31	26	27	49	56	47	55	54	47	30	26	35	26	35	36	35	48	34	35	48	57	51	42		
F305	30 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	37	51	37	46	49	44	35	32	33	60	67	58	66	65	58	32	28	37	28	53	54	46	59	45	46	60	69	63	54		
F306	33 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	60	74	33	98	101	96	21	39	40	65	72	63	71	70	63	27	23	32	23	48	49	64	77	63	64	67	76	70	61	X	X
F307	34 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	39	53	37	46	49	44	34	33	34	59	66	57	65	64	57	32	28	37	28	57	58	44	57	43	44	59	68	62	53		
F308	35 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	59	73	24	76	79	74	20	25	26	62	69	60	68	67	60	21	17	26	17	45	46	62	75	61	62	65	74	68	59		X
F309	36 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	36	50	38	47	50	45	35	34	35	60	67	58	66	65	58	34	30	39	30	61	62	43	56	42	43	61	70	64	55		
F310	37 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	59	73	30	75	78	73	26	29	30	62	69	60	68	67	60	22	18	27	18	49	50	62	75	61	62	65	74	68	59		X
F311	38 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	35	49	37	53	56	51	34	33	34	67	74	65	73	72	65	32	28	37	28	63	64	47	60	46	47	67	76	70	61		X
F312	39 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	56	70	22	70	73	68	24	31	32	61	68	59	67	66	59	21	17	26	17	45	46	59	72	58	59	62	71	65	56		X
F313	4 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	30	44	31	41	44	39	24	30	31	41	48	39	47	46	39	26	22	31	22	34	35	39	52	38	39	40	49	43	34		
F314	40 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	44	58	39	62	65	60	36	39	40	69	76	67	75	74	67	30	26	35	26	58	59	65	78	64	65	72	81	75	66		X
F315	41 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	55	69	33	69	72	67	28	33	34	60	67	58	66	65	58	34	30	39	30	40	41	58	71	57	58	61	70	64	55		X
F316	42 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	51	65	38	64	67	62	35	33	34	77	84	75	83	82	75	32	28	37	28	60	61	68	81	67	68	80	89	83	74	X	X
F317	43-45 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	54	68	30	67	70	65	26	41	42	59	66	57	65	64	57	28	24	33	24	47	48	58	71	57	58	61	70	64	55		X
F318	46 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	49	63	27	53	56	51	22	41	42	74	81	72	80	79	72	23	19	28	19	49	50	69	82	68	69	79	88	82	73	X	X
F319	47 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	48	62	35	64	67	62	31	26	27	58	65	56	64	63	56	29	25	34	25	46	47	56	69	55	56	58	67	61	52		
F320	48 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	58	72	25	80	83	78	17	24	25	71	78	69	77	76	69	17	13	22	13	46	47	69	82	68	69	79	88	82	73	X	X
F321	49 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	34	48	35	62	65	60	30	34	35	57	64	55	63	62	55	33	29	38	29	48	49	49	62	48	49	57	66	60	51		
F322	49 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	48	62	31	63	66	61	21	32	33	57	64	55	63	62	55	28	24	33	24	40	41	55	68	54	55	57	66	60	51		
F323	5 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	28	42	36	40	43	38	32	28	29	51	58	49	57	56	49	30	26	35	26	36	37	36	49	35	36	51	60	54	45		
F324	50 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	58	72	21	82	85	80	21	27	28	65	72	63	71	70	63	17	13	22	13	52	53	63	76	62	63	67	76	70	61		X
F325	51 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	33	47	39	59	62	57	35	31	32	54	61	52	60	59	52	33	29	38	29	47	48	51	64	50	51	54	63	57	48		
F326	52 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	52	66	39	75	78	73	35	41	42	63	70	61	69	68	61	33	29	38	29	46	47	61	74	60	61	65	74	68	59		X
F327	54 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	55	69	24	75	78	73	20	34	35	62	69	60	68	67	60	28	24	33	24	43	44	60	73	59	60	62	71	65	56		X
F328	55 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	30	44	39	56	59	54	34	32	33	53	60	51	59	58	51	32	28	37	28	47	48	51	64	50	51	52	61	55	46		
F329	55 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	46	60	35	47	50	45	31	27	28	49	56	47	55	54	47	25	21	30	21	45	46	50	63	49	50	48	57	51	42		
F330	56 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	50	64	32	73	76	71	26	26	27	61	68	59	67	66	59	23	19	28	19	45	46	59	72	58	59	61	70	64	55		X
F331	58 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	52	66	38	70	73	68	36	41	42	60	67	58	66	65	58	31	27	36	27	43	44	58	71	57	58	60	69	63	54		X
F332	6 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	28	42	21	40	43	38	15	23	24	40	47	38	46	45	38	16	12	21	12	29	30	38	51	37	38	40	49	43	34		
F333	60 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	51	65	29	68	71	66	24	34	35	59	66	57	65	64	57	23	19	28	19	44	45	57	70	56	57	60	69	63	54		X
F334	62 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	46	60	36	66	69	64	32	34	35	59	66	57	65	64	57	30	26	35	26	42	43	57	70	56	57	59	68	62	53		X
F335	64 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	48	62	30	65	68	63	24	38	39	58	65	56	64	63	56	23	19	28	19	43	44	56	69	55	56	57	66	60	51		
F336	66 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	48	62	23	64	67	62	24	37	38	57	64	55	63	62	55	24	20	29	20	47	48	55	68	54	55	58	67	61	52		
F337	68 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	47	61	32	63	66	61	27	34	35	57	64	55	63	62	55	24	20	29	20	46	47	55	68	54	55	57	66	60	51		
F338	7 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	30	44	36	41	44	39	32	29	30	45	52	43	51	50	43	30	26	35	26	43	44	38	51	37	38	48	57	51	42		
F339	70 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	44	58	24	62	65	60	19	32	33	56	63	54	62	61	54	25	21	30	21	44	45	54	67	53	54	56	65	59	50		
F340	72 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	44	58	33	56	59	54	29	24	25	53	60	51	59	58	51	29	25	34	25	44	45	51	64	50	51	53	62	56	47		
F341	74 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	44	58	34	55	58	53	29	24	25	53	60	51	59	58	51	25	21	30	21	44	45	51	64	50	51	52	61	55	46		
F342	76 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	43	57	32	55	58	53	28	28	29	52	59	50	58	57	50	19	15	24	15	42	43	50	63	49	50	51	60	54	45		
F343	8 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	27	41	26	41	44	39	17	22	23	40	47	38	46	45	38	19	15	24	15	28	29	38	51	37	38	40	49	43	34		
F344	9 Primrose Avenue Rydalmere			F	Residential	57	52	50	41	32	46	37	56	59	54	34	32	33	58	65	56	64	63	56	32	28	37	28	46	47	50	63	49	50	58	67	61	52		
F345	126 South Street Rydalmere			F	Residential	57	52	50	41	49	63	24	38	41	36	20	32	33	84	91	82	90	89	82	23	19	28	19	58	59	49	62	48	49	98	107	101	92	X	X
F346	128 South Street Rydalmere			F	Residential	57	52	50	41	49	63	35	43	46	41	30	34	35	85	92	83	91	90	83	31	27	36	27	60	61	52	65	51	52	100	109	103	94	X	X
F347	130 South Street Rydalmere			F	Residential	57	52	50	41	49	63	27	43	46	41	24	40	41	84	91	82	90	89	82	23	19	28	19	63	64	53	66	52	53	93	102	96	87	X	X
F348	130 South Street Rydalmere			F	Residential	57	52	50	41	46	60	28	41	44	39	25	40	41	83	90	81	89	88	81	24	20	29	20	64	65	49	62	48	49	91	100	94	85	X	X
F349	134 South Street Rydalmere			F	Residential	57	52	50	41	42	56	35	44	47	42	30	37	38	83	90	81	89	88	81	32	28	37	28	65	66	54	67	53	54	90	99	93	84	X	X
F350	136 South Street Rydalmere			F	Residential	57	52	50	41	39	53	31	41	44	39	26	38	39	82	89	80	88	87	80	27	23	32	23	67	68	55	68	54	55	92	101	95	86	X	X
F351	138 South Street Rydalmere			F	Residential	57	52	50	41	41	55	24	40	43	38	21	35	36	82	89	80	88	87	80	22	18	27	18	68	69	46	59	45	46	108	117	111	102	X	X
F352	140 South Street Rydalmere			F	Residential	57	52	50	41	47	61	24	47	50	45	20	38	39	84	91	82	90	89	82	23	19	28	19	70	71	56	69	55	56	106	115	109	100	X	X
F353	142 South Street Rydalmere			F	Residential	57	52	50	41	47	61	31	45	48	43	27	33	34	83	90	81	89	88	81	30	26	35	26	77	78	57	70	56	57	105	114	108	99	X	X
F354	144 South Street Rydalmere			F	Residential	57	52	50	41	41	55	28	40	43	38	25	32	33	83	90	81	89	88	81	26	22	31	22	80	81	58	71	57	58	105	114	108	99	X	X
F355	146 South Street Rydalmere			F	Residential	57	52	50	41	48	62	24	45	48	43	20	33	34	84	91	82	90	89	82	24	20	29	20	82	83	58	71	57	58	105	114	108	99	X	X
F356	148 South Street Rydalmere			F	Residential	57	52	50	41	49	63	24	45	48	43	21	30	31	84	91	82	90	89	82	21	17	26	17	81	82	59	72	58	59	110	119	113	104	X	X
F357	148 South Street Rydalmere			F	Residential	57	52	50	41	48	62	28	46	49	44	22	32	33	84	91	82	90	89	82	21	17	26	17	82	83	60	73	59	60	103	112	106	97	X	X
F358	152 South Street Rydalmere			F	Residential	57	52	50	41	49	63	24	46	49	44	21	30	31	83	90	81	89	88	81	19	15	24	15	81	82	61	74	60	61	99	108	102	93	X	X
F359	154 South Street Rydalmere			F	Residential	57	52	50	41	47	61	26	46	49	44	22	28	29	83	90	81	89	88	81	21	17	26	17	80	81	62	75	61	62	98	107	101	92	X	X
F360	156 South Street Rydalmere			F	Residential	57	52	50	41	47	61	23	46	49	44	20	31	32	83	90	81	89	88	81	18	14	23	14	75	76	63	76	62	63	107	116	110	101	X	X
F361	158 South Street Rydalmere			F	Residential	57	52	50	41	48	62	24	47	50	45	20	33	34	84	91	82	90	89	82	28	24	33	24	71	72	65	78	64	65	99	108	102	93	X	X
F362	160 South Street Rydalmere			F	Residential	57	52	50	41	49	63	34	46	49	44	31	32	33	82	89	80	88	87	80	28	24	33	24	68	69	67	80	66	67	92	101	95	86	X	X
F363	162 South Street Rydalmere			F	Residential	57	52	50	41	51	65	27	51	54	49	24	33	34	83	90	81	89	88	81	26	22	31	22	65	66	71	84	70	71	109	118	112	103	X	X
F364	164 South Street Rydalmere			F	Residential	57	52	50	41	53	67	23	55	58	53	19	38	39	84	91	82	90	89	82	21	17	26	17	64	65	73	86	72	73	98	107	101	92	X	X
F365	166 South Street Rydalmere			F	Residential	57	52	50	41	62	76	28	58	61	56	23	40	41	85	92	83	91	90	83	25	21	30	21	61	62	83	96	82	83	90	99	93	84	X	X
F366	168 South Street Rydalmere			F	Residential	57	52	50	41	66	80	20	58	61	56	16	37	38	85	92	83	91	90	83	18	14	23	14	58	59	84	97	83	84	103	112	106	97	X	X
F367	170 South Street Rydalmere			F	Residential	57	52	50	41	73	87	26	62	65	60	21	27	28	83	90	81	89	88	81	23	19	28	19	54	55	82	95	81	82	105	114	108	99	X	X
F368	61 South Street Rydalmere			F	Residential	57	52	50	41	49	63	40	52	55	50	38	46	47	84	91	82	90	89	82	33	29	38	29	63	64	54	67	53	54	97	106	100	91	X	X
F369	61 South Street Rydalmere			F	Residential	57	52	50	41	51	65	41	52	55	50	38	45	46	82	89	80	88	87	80	33	29	38	29	50	51	48	61	47	48	90	99	93	84	X	X
F370	61 South Street Rydalmere			F	Residential	57	52	50	41	52	66	44	54	57	52	40	50	51	75	82	73	81	80	73	37	33	42	33	49	50	49	62	48	49	85	94	88	79	X	X
F371	61 South Street Rydalmere			F	Residential	57	52	50	41	44	58	39	51	54	49	33	47	48	74	81	72	80	79	72	34	30	39	30	48	49	49	62	48	49	75	84	78	69		X
F372	61 South Street Rydalmere			F	Residential	57	52	50	41	41	55	39	40	43	38	32	37	38	76	83	74	82	81	74	35	31	40	31	46	47	38	51	37	38	79	88	82	73	X	X
F373	63 South Street Rydalmere			F	Residential	57	52	50	41	49	63	39	52	55	50	36	47	48	84	91	82	90	89	82	33	29	38	29	64	65	54	67	53	54	99	108	102	93	X	X
F374	65 South Street Rydalmere			F	Residential	57	52	50	41	48	62	39	51	54	49	36	47	48	86	93	84	92	91	84	33	29	38	29	66	67	54	67	53	54	95	104	98	89	X	X
F375	67 South Street Rydalmere			F	Residential	57	52	50	41	46	60	39	51	54	49	37	48	49	84	91	82	90	89	82	33	29	38	29	67	68	54	67	53	54	92	101	95	86	X	X
F376	69 South Street Rydalmere			F	Residential	57	52	50	41	47	61	39	52	55	50	37	45	46	85	92	83	91	90	83	33	29	38	29	69	70	51	64	50	51	93	102	96	87	X	X
F377	71 South Street Rydalmere			F	Residential	57	52	50	41	47	61	39	52	55	50	37	47	48	85	92	83	91	90	83	33	29	38	29	72	73	56	69	55	56	96	105	99	90	X	X
F378	73 South Street Rydalmere			F	Residential	57	52	50	41	48	62	39	53	56	51	37	42	43	85	92	83	91	90	83	33	29	38	29	74	75	57	70	56	57	97	106	100	91	X	X
F379	75 South Street Rydalmere			F	Residential	57	52	50	41	48	62	39	54	57	52	37	44	45	85	92	83	91	90	83	33	29	38	29	79	80	57	70	56	57	102	111	105	96	X	X
F380	77 South Street Rydalmere			F	Residential	57	52	50	41	48	62	39	55	58	53	36	43	44	85	92	83	91	90	83	32	28	37	28	82	83	58	71	57	58	103	112	106	97	X	X
F381	79 South Street Rydalmere			F	Residential	57	52	50	41	49	63	38	56	59	54	36	43	44	85	92	83	91	90	83	32	28	37	28	82	83	59	72	58	59	106	115	109	100	X	X
F382	81 South Street Rydalmere			F	Residential	57	52	50	41	48	62	39	56	59	54	36	45	46	85	92	83	91	90	83	33	29	38	29	83	84	59	72	58	59	109	118	112	103	X	X
F383	83 South Street Rydalmere			F	Residential	57	52	50	41	48	62	39	56	59	54	36	45	46	85	92	83	91	90	83	33	29	38	29	83	84	60	73	59	60	105	114	108	99	X	X
F384	85 South Street Rydalmere			F	Residential	57	52	50	41	48	62	38	56	59	54	36	43	44	84	91	82	90	89	82	32	28	37	28	82	83	61	74	60	61	100	109	103	94	X	X
F385	85 South Street Rydalmere			F	Residential	57	52	50	41	46	60	38	57	60	55	36	28	29	81	88	79	87	86	79	32	28	37	28	78	79	61	74	60	61	91	100	94	85	X	X
F386	89 South Street Rydalmere			F	Residential	57	52	50	41	49	63	37	58	61	56	35	41	42	85	92	83	91	90	83	32	28	37	28	75	76	63	76	62	63	102	111	105	96	X	X
F387	91 South Street Rydalmere			F	Residential	57	52	50	41	50	64	37	59	62	57	35	41	42	84	91	82	90	89	82	31	27	36	27	71	72	65	78	64	65	105	114	108	99	X	X
F388	91 South Street Rydalmere			F	Residential	57	52	50	41	49	63	24	54	57	52	19	24	25	74	81	72	80	79	72	21	17	26	17	49	50	64	77	63	64	77	86	80	71		X
F389	93 South Street Rydalmere			F	Residential	57	52	50	41	60	74	38	68	71	66	35	43	44	85	92	83	91	90	83	32	28	37	28	61	62	83	96	82	83	106	115	109	100	X	X
F390	95 South Street Rydalmere			F	Residential	57	52	50	41	61	75	37	69	72	67	35	40	41	87	94	85	93	92	85	32	28	37	28	60	61	84	97	83	84	104	113	107	98	X	X
F391	97 South Street Rydalmere			F	Residential	57	52	50	41	63	77	37	70	73	68	34	28	29	84	91	82	90	89	82	32	28	37	28	51	52	81	94	80	81	109	118	112	103	X	X
F392	97 South Street Rydalmere			F	Residential	57	52	50	41	39	53	27	66	69	64	22	29	30	76	83	74	82	81	74	28	24	33	24	46	47	73	86	72	73	78	87	81	72	X	X
F393	99 South Street Rydalmere			F	Residential	57	52	50	41	65	79	37	71	74	69	34	39	40	84	91	82	90	89	82	32	28	37	28	57	58	82	95	81	82	104	113	107	98	X	X
F394	1 Sylvia Street Rydalmere			F	Residential	57	52	50	41	54	68	35	69	72	67	29	42	43	65	72	63	71	70	63	30	26	35	26	54	55	57	70	56	57	65	74	68	59		X
F395	10 Sylvia Street Rydalmere			F	Residential	57	52	50	41	46	60	28	56	59	54	24	31	32	58	65	56	64	63	56	22	18	27	18	46	47	50	63	49	50	58	67	61	52		
F396	11 Sylvia Street Rydalmere			F	Residential	57	52	50	41	40	54	37	49	52	47	31	42	43	60	67	58	66	65	58	32	28	37	28	52	53	45	58	44	45	59	68	62	53		X
F397	12 Sylvia Street Rydalmere			F	Residential	57	52	50	41	47	61	34	59	62	57	29	36	37	58	65	56	64	63	56	30	26	35	26	52	53	52	65	51	52	57	66	60	51		
F398	12 Sylvia Street Rydalmere			F	Residential	57	52	50	41	43	57	37	53	56	51	29	43	44	55	62	53	61	60	53	32	28	37	28	52	53	47	60	46	47	55	64	58	49		
F399	12 Sylvia Street Rydalmere			F	Residential	57	52	50	41	40	54	38	49	52	47	32	42	43	54	61	52	60	59	52	33	29	38	29	52	53	46	59	45	46	53	62	56	47		
F400	12 Sylvia Street Rydalmere			F	Residential	57	52	50	41	48	62	30	59	62	57	25	31	32	56	63	54	62	61	54	25	21	30	21	43	44	52	65	51	52	54	63	57	48		
F401	12 Sylvia Street Rydalmere			F	Residential	57	52	50	41	34	48	29	44	47	42	24	41	42	56	63	54	62	61	54	28	24	33	24	53	54	39	52	38	39	56	65	59	50		
F402	13 Sylvia Street Rydalmere			F	Residential	57	52	50	41	48	62	29	59	62	57	24	28	29	57	64	55	63	62	55	26	22	31	22	41	42	53	66	52	53	57	66	60	51		
F403	15 Sylvia Street Rydalmere			F	Residential	57	52	50	41	47	61	26	59	62	57	21	28	29	54	61	52	60	59	52	24	20	29	20	41	42	52	65	51	52	53	62	56	47		
F404	17 Sylvia Street Rydalmere			F	Residential	57	52	50	41	47	61	30	59	62	57	24	35	36	55	62	53	61	60	53	25	21	30	21	50	51	53	66	52	53	55	64	58	49		
F405	18 Sylvia Street Rydalmere			F	Residential	57	52	50	41	46	60	32	57	60	55	25	38	39	56	63	54	62	61	54	24	20	29	20	49	50	52	65	51	52	56	65	59	50		
F406	19 Sylvia Street Rydalmere			F	Residential	57	52	50	41	47	61	31	60	63	58	26	32	33	55	62	53	61	60	53	31	27	36	27	44	45	53	66	52	53	55	64	58	49		
F407	2 Sylvia Street Rydalmere			F	Residential	57	52	50	41	50	64	25	63	66	61	22	42	43	58	65	56	64	63	56	20	16	25	16	53	54	53	66	52	53	57	66	60	51		
F408	20 Sylvia Street Rydalmere			F	Residential	57	52	50	41	45	59	26	56	59	54	22	37	38	55	62	53	61	60	53	22	18	27	18	43	44	50	63	49	50	55	64	58	49		
F409	21 Sylvia Street Rydalmere			F	Residential	57	52	50	41	48	62	37	59	62	57	33	31	32	55	62	53	61	60	53	33	29	38	29	44	45	53	66	52	53	54	63	57	48		
F410	22 Sylvia Street Rydalmere			F	Residential	57	52	50	41	45	59	26	55	58	53	21	32	33	55	62	53	61	60	53	26	22	31	22	48	49	49	62	48	49	55	64	58	49		
F411	23 Sylvia Street Rydalmere			F	Residential	57	52	50	41	35	49	38	47	50	45	33	37	38	53	60	51	59	58	51	33	29	38	29	51	52	45	58	44	45	53	62	56	47		
F412	24 Sylvia Street Rydalmere			F	Residential	57	52	50	41	44	58	34	55	58	53	29	33	34	54	61	52	60	59	52	25	21	30	21	42	43	50	63	49	50	53	62	56	47		
F413	25 Sylvia Street Rydalmere			F	Residential	57	52	50	41	48	62	33	57	60	55	28	38	39	55	62	53	61	60	53	25	21	30	21	43	44	53	66	52	53	54	63	57	48		
F414	26 Sylvia Street Rydalmere			F	Residential	57	52	50	41	44	58	34	54	57	52	29	35	36	54	61	52	60	59	52	25	21	30	21	47	48	49	62	48	49	54	63	57	48		
F415	27 Sylvia Street Rydalmere			F	Residential	57	52	50	41	47	61	26	56	59	54	21	37	38	53	60	51	59	58	51	22	18	27	18	43	44	51	64	50	51	52	61	55	46		
F416	28 Sylvia Street Rydalmere			F	Residential	57	52	50	41	42	56	26	53	56	51	21	23	24	52	59	50	58	57	50	19	15	24	15	48	49	48	61	47	48	52	61	55	46		
F417	29 Sylvia Street Rydalmere			F	Residential	57	52	50	41	44	58	34	55	58	53	29	32	33	53	60	51	59	58	51	25	21	30	21	43	44	51	64	50	51	52	61	55	46		
F418	3 Sylvia Street Rydalmere			F	Residential	57	52	50	41	54	68	38	69	72	67	33	39	40	61	68	59	67	66	59	32	28	37	28	43	44	57	70	56	57	61	70	64	55		X
F419	30 Sylvia Street Rydalmere			F	Residential	57	52	50	41	42	56	36	51	54	49	31	26	27	49	56	47	55	54	47	26	22	31	22	44	45	47	60	46	47	49	58	52	43		
F420	31 Sylvia Street Rydalmere			F	Residential	57	52	50	41	43	57	30	54	57	52	26	24	25	51	58	49	57	56	49	23	19	28	19	43	44	49	62	48	49	51	60	54	45		
F421	33 Sylvia Street Rydalmere			F	Residential	57	52	50	41	43	57	32	54	57	52	28	26	27	51	58	49	57	56	49	24	20	29	20	43	44	50	63	49	50	51	60	54	45		
F422	35 Sylvia Street Rydalmere			F	Residential	57	52	50	41	42	56	32	52	55	50	27	26	27	51	58	49	57	56	49	26	22	31	22	45	46	49	62	48	49	51	60	54	45		
F423	4 Sylvia Street Rydalmere			F	Residential	57	52	50	41	44	58	30	57	60	55	24	36	37	61	68	59	67	66	59	23	19	28	19	54	55	49	62	48	49	60	69	63	54		
F424	5 Sylvia Street Rydalmere			F	Residential	57	52	50	41	48	62	25	63	66	61	21	35	36	58	65	56	64	63	56	24	20	29	20	40	41	52	65	51	52	57	66	60	51		X
F425	6 Sylvia Street Rydalmere			F	Residential	57	52	50	41	44	58	29	51	54	49	22	40	41	60	67	58	66	65	58	24	20	29	20	50	51	48	61	47	48	59	68	62	53		
F426	7 Sylvia Street Rydalmere			F	Residential	57	52	50	41	46	60	32	57	60	55	27	37	38	58	65	56	64	63	56	26	22	31	22	44	45	50	63	49	50	57	66	60	51		X
F427	8 Sylvia Street Rydalmere			F	Residential	57	52	50	41	46	60	26	56	59	54	21	37	38	59	66	57	65	64	57	25	21	30	21	51	52	50	63	49	50	59	68	62	53		
F428	9 Sylvia Street Rydalmere			F	Residential	57	52	50	41	53	67	29	67	70	65	23	33	34	58	65	56	64	63	56	24	20	29	20	41	42	56	69	55	56	58	67	61	52		X
F429	431 Victoria Road Rydalmere			F	Commercial	70	0	0	0	31	45	40	42	45	40	36	31	32	45	52	43	51	50	43	32	28	37	28	32	33	39	52	38	39	45	54	48	39		
F430	441 Victoria Road Rydalmere			F	Residential	57	52	50	41	28	42	37	38	41	36	33	31	32	36	43	34	42	41	34	31	27	36	27	32	33	34	47	33	34	35	44	38	29		
F431	443 Victoria Road Rydalmere			F	Residential	57	52	50	41	29	43	38	35	38	33	34	28	29	35	42	33	41	40	33	30	26	35	26	32	33	33	46	32	33	34	43	37	28		
F432	445 Victoria Road Rydalmere			F	Residential	57	52	50	41	27	41	23	36	39	34	20	27	28	35	42	33	41	40	33	18	14	23	14	31	32	32	45	31	32	34	43	37	28		
F433	447 Victoria Road Rydalmere			F	Residential	57	52	50	41	25	39	38	36	39	34	34	27	28	35	42	33	41	40	33	30	26	35	26	29	30	31	44	30	31	37	46	40	31		
F434	449 Victoria Road Rydalmere			F	Residential	57	52	50	41	30	44	32	36	39	34	29	25	26	36	43	34	42	41	34	28	24	33	24	28	29	34	47	33	34	35	44	38	29		
F435	449 Victoria Road Rydalmere			F	Residential	57	52	50	41	31	45	32	37	40	35	29	25	26	37	44	35	43	42	35	27	23	32	23	31	32	35	48	34	35	36	45	39	30		
F436	451 Victoria Road Rydalmere			F	Residential	57	52	50	41	30	44	28	33	36	31	24	23	24	35	42	33	41	40	33	24	20	29	20	31	32	34	47	33	34	34	43	37	28		
F437	451 Victoria Road Rydalmere			F	Residential	57	52	50	41	28	42	23	35	38	33	19	23	24	35	42	33	41	40	33	18	14	23	14	32	33	32	45	31	32	34	43	37	28		
F438	453 Victoria Road Rydalmere			F	Residential	57	52	50	41	28	42	36	34	37	32	32	26	27	36	43	34	42	41	34	30	26	35	26	31	32	33	46	32	33	35	44	38	29		
F439	455 Victoria Road Rydalmere			F	Residential	57	52	50	41	23	37	26	31	34	29	23	24	25	32	39	30	38	37	30	22	18	27	18	27	28	28	41	27	28	31	40	34	25		
F440	455 Victoria Road Rydalmere			F	Residential	57	52	50	41	26	40	33	31	34	29	30	29	30	32	39	30	38	37	30	28	24	33	24	28	29	28	41	27	28	32	41	35	26		
F441	457 Victoria Road Rydalmere			F	Residential	57	52	50	41	29	43	26	36	39	34	23	26	27	35	42	33	41	40	33	21	17	26	17	33	34	33	46	32	33	38	47	41	32		
F442	457 Victoria Road Rydalmere			F	Residential	57	52	50	41	29	43	21	37	40	35	18	29	30	38	45	36	44	43	36	17	13	22	13	32	33	32	45	31	32	39	48	42	33		
F443	459 Victoria Road Rydalmere			F	Residential	57	52	50	41	28	42	25	32	35	30	21	23	24	35	42	33	41	40	33	20	16	25	16	26	27	33	46	32	33	31	40	34	25		
F444	461 Victoria Road Rydalmere			F	Residential	57	52	50	41	33	47	35	40	43	38	34	30	31	39	46	37	45	44	37	30	26	35	26	37	38	37	50	36	37	38	47	41	32		
F445	463 Victoria Road Rydalmere			F	Residential	57	52	50	41	30	44	33	37	40	35	28	29	30	39	46	37	45	44	37	27	23	32	23	34	35	34	47	33	34	38	47	41	32		
F446	467 Victoria Road Rydalmere			F	Residential	57	52	50	41	21	35	29	28	31	26	18	22	23	34	41	32	40	39	32	21	17	26	17	26	27	27	40	26	27	34	43	37	28		
F447	469 Victoria Road Rydalmere			F	Residential	57	52	50	41	21	35	28	36	39	34	17	25	26	35	42	33	41	40	33	24	20	29	20	26	27	33	46	32	33	34	43	37	28		
F448	469 Victoria Road Rydalmere			F	Residential	57	52	50	41	22	36	31	29	32	27	27	21	22	31	38	29	37	36	29	25	21	30	21	26	27	29	42	28	29	31	40	34	25		
F449	471 Victoria Road Rydalmere			F	Residential	57	52	50	41	28	42	33	33	36	31	23	26	27	34	41	32	40	39	32	27	23	32	23	31	32	33	46	32	33	31	40	34	25		
F450	473 Victoria Road Rydalmere			F	Residential	57	52	50	41	31	45	35	35	38	33	28	25	26	39	46	37	45	44	37	29	25	34	25	32	33	40	53	39	40	37	46	40	31		
G001				G	Residential	57	52	45	40	23	37	37	31	34	29	33	26	27	30	37	28	36	35	28	29	25	34	25	23	24	24	37	23	24	29	38	32	23		
G002	1 Atkins Road Ermington			G	Residential	57	52	45	40	35	49	28	41	44	39	25	39	40	41	48	39	47	46	39	0	0	0	0	39	40	28	41	27	28	41	50	44	35		
G003	2 Atkins Road Ermington			G	Residential	57	52	45	40	33	47	28	40	43	38	24	38	39	39	46	37	45	44	37	21	17	26	17	37	38	30	43	29	30	39	48	42	33		
G004	3 Atkins Road Ermington			G	Residential	57	52	45	40	25	39	26	32	35	30	22	29	30	37	44	35	43	42	35	0	0	0	0	27	28	29	42	28	29	37	46	40	31		
G005	5 Atkins Road Ermington			G	Residential	57	52	45	40	36	50	19	43	46	41	11	41	42	42	49	40	48	47	40	0	0	0	0	38	39	29	42	28	29	41	50	44	35		
G006	5 Atkins Road Ermington			G	Residential	57	52	45	40	33	47	26	36	39	34	23	33	34	42	49	40	48	47	40	0	0	0	0	35	36	27	40	26	27	42	51	45	36		
G007	5 Atkins Road Ermington			G	Residential	57	52	45	40	30	44	17	33	36	31	10	32	33	39	46	37	45	44	37	0	0	0	0	35	36	30	43	29	30	38	47	41	32		
G008	5 Atkins Road Ermington			G	Residential	57	52	45	40	35	49	24	42	45	40	16	33	34	43	50	41	49	48	41	0	0	0	0	32	33	27	40	26	27	40	49	43	34		
G009	1 Barton Street Ermington			G	Residential	57	52	45	40	31	45	14	38	41	36	8	32	33	36	43	34	42	41	34	10	6	15	6	32	33	30	43	29	30	35	44	38	29		
G010	2 Barton Street Ermington			G	Residential	57	52	45	40	34	48	28	41	44	39	23	32	33	40	47	38	46	45	38	22	18	27	18	32	33	30	43	29	30	39	48	42	33		
G011	2 Barton Street Ermington			G	Residential	57	52	45	40	29	43	14	35	38	33	8	32	33	39	46	37	45	44	37	8	4	13	4	32	33	30	43	29	30	38	47	41	32		
G012	3 Barton Street Ermington			G	Residential	57	52	45	40	34	48	28	40	43	38	24	30	31	39	46	37	45	44	37	22	18	27	18	38	39	30	43	29	30	39	48	42	33		
G013	4 Barton Street Ermington			G	Residential	57	52	45	40	25	39	28	27	30	25	22	23	24	38	45	36	44	43	36	22	18	27	18	30	31	21	34	20	21	37	46	40	31		
G014	5 Barton Street Ermington			G	Residential	57	52	45	40	34	48	21	41	44	39	13	32	33	40	47	38	46	45	38	16	12	21	12	31	32	30	43	29	30	38	47	41	32		
G015	7 Barton Street Ermington			G	Residential	57	52	45	40	33	47	23	39	42	37	15	30	31	39	46	37	45	44	37	18	14	23	14	30	31	28	41	27	28	37	46	40	31		
G016	1 Cowells Lane Ermington			G	Residential	57	52	45	40	27	41	24	30	33	28	22	25	26	36	43	34	42	41	34	0	0	0	0	30	31	27	40	26	27	35	44	38	29		
G017	1 Cowells Lane Ermington			G	Residential	57	52	45	40	32	46	11	38	41	36	7	28	29	38	45	36	44	43	36	0	0	0	0	36	37	29	42	28	29	38	47	41	32		
G018	2 Cowells Lane Ermington			G	Residential	57	52	45	40	32	46	8	36	39	34	6	30	31	37	44	35	43	42	35	0	0	0	0	26	27	27	40	26	27	36	45	39	30		
G019	1 Deakin Street Ermington			G	Residential	57	52	45	40	29	43	13	33	36	31	8	28	29	36	43	34	42	41	34	0	0	0	0	34	35	29	42	28	29	35	44	38	29		
G020	11 Deakin Street Ermington			G	Residential	57	52	45	40	32	46	23	35	38	33	17	32	33	43	50	41	49	48	41	0	0	0	0	41	42	31	44	30	31	42	51	45	36		
G021	11 Deakin Street Ermington			G	Residential	57	52	45	40	37	51	16	41	44	39	9	39	40	43	50	41	49	48	41	0	0	0	0	40	41	33	46	32	33	42	51	45	36		
G022	11 Deakin Street Ermington			G	Residential	57	52	45	40	34	48	15	38	41	36	10	35	36	40	47	38	46	45	38	0	0	0	0	33	34	31	44	30	31	39	48	42	33		
G023	11 Deakin Street Ermington			G	Residential	57	52	45	40	36	50	15	37	40	35	9	29	30	44	51	42	50	49	42	0	0	0	0	42	43	31	44	30	31	45	54	48	39		
G024	11 Deakin Street Ermington			G	Residential	57	52	45	40	32	46	22	39	42	37	16	37	38	38	45	36	44	43	36	0	0	0	0	36	37	27	40	26	27	36	45	39	30		
G025	11 Deakin Street Ermington			G	Residential	57	52	45	40	30	44	18	37	40	35	12	30	31	36	43	34	42	41	34	0	0	0	0	34	35	28	41	27	28	35	44	38	29		
G026	11 Deakin Street Ermington			G	Residential	57	52	45	40	25	39	23	31	34	29	18	29	30	33	40	31	39	38	31	0	0	0	0	28	29	26	39	25	26	32	41	35	26		
G027	11 Deakin Street Ermington			G	Residential	57	52	45	40	34	48	15	36	39	34	10	26	27	40	47	38	46	45	38	0	0	0	0	27	28	33	46	32	33	39	48	42	33		
G028	11 Deakin Street Ermington			G	Residential	57	52	45	40	34	48	22	41	44	39	17	37	38	41	48	39	47	46	39	0	0	0	0	39	40	32	45	31	32	42	51	45	36		
G029	13 Deakin Street Ermington			G	Residential	57	52	45	40	26	40	15	33	36	31	9	30	31	34	41	32	40	39	32	0	0	0	0	30	31	24	37	23	24	33	42	36	27		
G030	15 Deakin Street Ermington			G	Residential	57	52	45	40	31	45	17	38	41	36	11	32	33	37	44	35	43	42	35	0	0	0	0	34	35	27	40	26	27	35	44	38	29		
G031	17 Deakin Street Ermington			G	Residential	57	52	45	40	31	45	22	38	41	36	15	34	35	37	44	35	43	42	35	0	0	0	0	35	36	29	42	28	29	35	44	38	29		
G032	19 Deakin Street Ermington			G	Residential	57	52	45	40	33	47	23	38	41	36	16	34	35	38	45	36	44	43	36	0	0	0	0	35	36	30	43	29	30	37	46	40	31		
G033	21 Deakin Street Ermington			G	Residential	57	52	45	40	32	46	27	33	36	31	24	34	35	40	47	38	46	45	38	0	0	0	0	35	36	29	42	28	29	40	49	43	34		
G034	23 Deakin Street Ermington			G	Residential	57	52	45	40	32	46	26	35	38	33	23	34	35	41	48	39	47	46	39	0	0	0	0	31	32	28	41	27	28	41	50	44	35		
G035	23 Deakin Street Ermington			G	Residential	57	52	45	40	35	49	28	41	44	39	24	39	40	41	48	39	47	46	39	0	0	0	0	39	40	30	43	29	30	41	50	44	35		
G036	25 Deakin Street Ermington			G	Residential	57	52	45	40	32	46	26	39	42	37	20	36	37	38	45	36	44	43	36	0	0	0	0	34	35	28	41	27	28	36	45	39	30		
G037	3 Deakin Street Ermington			G	Residential	57	52	45	40	30	44	15	33	36	31	10	23	24	36	43	34	42	41	34	0	0	0	0	33	34	29	42	28	29	35	44	38	29		
G038	5 Deakin Street Ermington			G	Residential	57	52	45	40	22	36	21	29	32	27	12	19	20	36	43	34	42	41	34	0	0	0	0	34	35	29	42	28	29	36	45	39	30		
G039	7 Deakin Street Ermington			G	Residential	57	52	45	40	26	40	21	33	36	31	10	32	33	35	42	33	41	40	33	0	0	0	0	29	30	25	38	24	25	34	43	37	28		
G040	10 Dennis Street Ermington			G	Residential	57	52	45	40	32	46	34	34	37	32	30	23	24	38	45	36	44	43	36	27	23	32	23	27	28	30	43	29	30	38	47	41	32		
G041	12 Dennis Street Ermington			G	Residential	57	52	45	40	29	43	31	32	35	30	29	19	20	35	42	33	41	40	33	27	23	32	23	26	27	33	46	32	33	34	43	37	28		
G042	14 Dennis Street Ermington			G	Residential	57	52	45	40	27	41	27	25	28	23	24	23	24	33	40	31	39	38	31	26	22	31	22	22	23	31	44	30	31	32	41	35	26		
G043	15 Dennis Street Ermington			G	Residential	57	52	45	40	24	38	29	26	29	24	26	20	21	30	37	28	36	35	28	26	22	31	22	25	26	28	41	27	28	30	39	33	24		
G044	16 Dennis Street Ermington			G	Residential	57	52	45	40	24	38	32	30	33	28	30	25	26	30	37	28	36	35	28	27	23	32	23	26	27	28	41	27	28	29	38	32	23		
G045	17 Dennis Street Ermington			G	Residential	57	52	45	40	24	38	28	26	29	24	24	19	20	30	37	28	36	35	28	26	22	31	22	25	26	28	41	27	28	29	38	32	23		
G046	18 Dennis Street Ermington			G	Residential	57	52	45	40	28	42	29	35	38	33	26	18	19	34	41	32	40	39	32	26	22	31	22	27	28	28	41	27	28	34	43	37	28		
G047	19 Dennis Street Ermington			G	Residential	57	52	45	40	26	40	30	27	30	25	26	20	21	32	39	30	38	37	30	26	22	31	22	22	23	30	43	29	30	31	40	34	25		
G048	2 Dennis Street Ermington			G	Residential	57	52	45	40	32	46	32	34	37	32	28	23	24	39	46	37	45	44	37	27	23	32	23	28	29	31	44	30	31	39	48	42	33		
G049	7 Dennis Street Ermington			G	Residential	57	52	45	40	29	43	30	33	36	31	28	19	20	35	42	33	41	40	33	27	23	32	23	27	28	33	46	32	33	36	45	39	30		
G050	9 Dennis Street Ermington			G	Residential	57	52	45	40	31	45	33	34	37	32	31	31	32	37	44	35	43	42	35	28	24	33	24	29	30	35	48	34	35	34	43	37	28		
G051	1 Fitzgerald Road Ermington			G	Residential	57	52	45	40	26	40	0	33	36	31	0	23	24	32	39	30	38	37	30	0	0	0	0	22	23	18	31	17	18	31	40	34	25		
G052	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	17	31	0	37	40	35	0	19	20	44	51	42	50	49	42	0	0	0	0	42	43	26	39	25	26	44	53	47	38		
G053	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	16	30	0	37	40	35	0	20	21	43	50	41	49	48	41	0	0	0	0	40	41	30	43	29	30	43	52	46	37		
G054	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	27	41	0	35	38	33	0	16	17	35	42	33	41	40	33	0	0	0	0	33	34	31	44	30	31	44	53	47	38		
G055	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	17	31	0	23	26	21	0	20	21	40	47	38	46	45	38	0	0	0	0	38	39	18	31	17	18	39	48	42	33		
G056	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	14	28	0	35	38	33	0	17	18	34	41	32	40	39	32	0	0	0	0	32	33	27	40	26	27	41	50	44	35		
G057	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	15	29	0	21	24	19	0	18	19	21	28	19	27	26	19	0	0	0	0	18	19	13	26	12	13	21	30	24	15		
G058	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	18	32	0	25	28	23	0	17	18	23	30	21	29	28	21	0	0	0	0	18	19	21	34	20	21	23	32	26	17		
G059	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	16	30	0	26	29	24	0	20	21	25	32	23	31	30	23	0	0	0	0	22	23	23	36	22	23	30	39	33	24		
G060	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	15	29	0	33	36	31	0	19	20	32	39	30	38	37	30	0	0	0	0	30	31	15	28	14	15	41	50	44	35		
G061	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	22	36	0	30	33	28	0	21	22	24	31	22	30	29	22	0	0	0	0	22	23	26	39	25	26	38	47	41	32		
G062	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	18	32	0	37	40	35	0	20	21	41	48	39	47	46	39	0	0	0	0	39	40	14	27	13	14	40	49	43	34		
G063	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	26	40	0	35	38	33	0	16	17	35	42	33	41	40	33	0	0	0	0	33	34	30	43	29	30	44	53	47	38		
G064	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	15	29	0	23	26	21	0	16	17	31	38	29	37	36	29	0	0	0	0	26	27	21	34	20	21	31	40	34	25		
G065	2 Fitzgerald Road Ermington			G	Residential	57	52	45	40	17	31	0	22	25	20	0	19	20	38	45	36	44	43	36	0	0	0	0	23	24	19	32	18	19	39	48	42	33		
G066	3 Fitzgerald Road Ermington			G	Residential	57	52	45	40	33	47	0	24	27	22	0	22	23	38	45	36	44	43	36	0	0	0	0	21	22	20	33	19	20	37	46	40	31		
G067	3 Fitzgerald Road Ermington			G	Residential	57	52	45	40	37	51	0	29	32	27	0	26	27	39	46	37	45	44	37	0	0	0	0	26	27	18	31	17	18	38	47	41	32		
G068	4 Fitzgerald Road Ermington			G	Residential	57	52	45	40	21	35	0	35	38	33	0	17	18	34	41	32	40	39	32	0	0	0	0	30	31	30	43	29	30	39	48	42	33		
G069	5 Fitzgerald Road Ermington			G	Residential	57	52	45	40	24	38	0	31	34	29	0	18	19	30	37	28	36	35	28	0	0	0	0	20	21	21	34	20	21	29	38	32	23		
G070	6 Fitzgerald Road Ermington			G	Residential	57	52	45	40	17	31	0	34	37	32	0	19	20	33	40	31	39	38	31	0	0	0	0	30	31	29	42	28	29	39	48	42	33		
G071	1 Griffiths Street Ermington			G	Residential	57	52	45	40	20	34	15	26	29	24	10	21	22	32	39	30	38	37	30	10	6	15	6	27	28	23	36	22	23	31	40	34	25		
G072	10 Griffiths Street Ermington			G	Residential	57	52	45	40	17	31	20	25	28	23	14	19	20	33	40	31	39	38	31	17	13	22	13	22	23	21	34	20	21	32	41	35	26		
G073	11 Griffiths Street Ermington			G	Residential	57	52	45	40	24	38	27	32	35	30	20	25	26	40	47	38	46	45	38	25	21	30	21	29	30	29	42	28	29	39	48	42	33		
G074	12 Griffiths Street Ermington			G	Residential	57	52	45	40	22	36	30	33	36	31	25	26	27	35	42	33	41	40	33	25	21	30	21	27	28	30	43	29	30	34	43	37	28		
G075	13 Griffiths Street Ermington			G	Residential	57	52	45	40	18	32	21	26	29	24	15	21	22	36	43	34	42	41	34	18	14	23	14	21	22	23	36	22	23	35	44	38	29		
G076	14 Griffiths Street Ermington			G	Residential	57	52	45	40	22	36	26	25	28	23	16	21	22	38	45	36	44	43	36	22	18	27	18	28	29	21	34	20	21	38	47	41	32		
G077	15 Griffiths Street Ermington			G	Residential	57	52	45	40	25	39	29	33	36	31	22	24	25	34	41	32	40	39	32	24	20	29	20	29	30	30	43	29	30	34	43	37	28		
G078	16 Griffiths Street Ermington			G	Residential	57	52	45	40	22	36	27	30	33	28	21	22	23	39	46	37	45	44	37	24	20	29	20	26	27	25	38	24	25	38	47	41	32		
G079	16 Griffiths Street Ermington			G	Residential	57	52	45	40	25	39	30	33	36	31	27	27	28	39	46	37	45	44	37	25	21	30	21	28	29	30	43	29	30	38	47	41	32		
G080	17 Griffiths Street Ermington			G	Residential	57	52	45	40	16	30	15	24	27	22	10	18	19	37	44	35	43	42	35	11	7	16	7	21	22	20	33	19	20	38	47	41	32		
G081	18 Griffiths Street Ermington			G	Residential	57	52	45	40	26	40	23	24	27	22	15	19	20	29	36	27	35	34	27	19	15	24	15	27	28	20	33	19	20	31	40	34	25		
G082	19 Griffiths Street Ermington			G	Residential	57	52	45	40	24	38	25	27	30	25	18	25	26	36	43	34	42	41	34	21	17	26	17	27	28	28	41	27	28	35	44	38	29		
G083	2 Griffiths Street Ermington			G	Residential	57	52	45	40	26	40	29	28	31	26	20	26	27	29	36	27	35	34	27	26	22	31	22	27	28	26	39	25	26	31	40	34	25		
G084	2 Griffiths Street Ermington			G	Residential	57	52	45	40	25	39	29	31	34	29	22	30	31	31	38	29	37	36	29	26	22	31	22	29	30	27	40	26	27	31	40	34	25		
G085	2 Griffiths Street Ermington			G	Residential	57	52	45	40	21	35	19	27	30	25	14	20	21	30	37	28	36	35	28	15	11	20	11	28	29	24	37	23	24	31	40	34	25		
G086	20 Griffiths Street Ermington			G	Residential	57	52	45	40	17	31	18	26	29	24	13	19	20	35	42	33	41	40	33	14	10	19	10	22	23	21	34	20	21	35	44	38	29		
G087	20 Griffiths Street Ermington			G	Residential	57	52	45	40	24	38	24	27	30	25	17	27	28	38	45	36	44	43	36	20	16	25	16	26	27	22	35	21	22	38	47	41	32		
G088	21 Griffiths Street Ermington			G	Residential	57	52	45	40	16	30	20	25	28	23	14	20	21	39	46	37	45	44	37	16	12	21	12	21	22	20	33	19	20	38	47	41	32		
G089	22 Griffiths Street Ermington			G	Residential	57	52	45	40	26	40	30	32	35	30	23	29	30	39	46	37	45	44	37	24	20	29	20	30	31	24	37	23	24	38	47	41	32		
G090	23 Griffiths Street Ermington			G	Residential	57	52	45	40	17	31	25	26	29	24	18	19	20	37	44	35	43	42	35	22	18	27	18	21	22	22	35	21	22	36	45	39	30		
G091	24 Griffiths Street Ermington			G	Residential	57	52	45	40	17	31	19	25	28	23	14	21	22	40	47	38	46	45	38	15	11	20	11	23	24	20	33	19	20	40	49	43	34		
G092	25 Griffiths Street Ermington			G	Residential	57	52	45	40	28	42	19	35	38	33	13	25	26	37	44	35	43	42	35	16	12	21	12	32	33	30	43	29	30	36	45	39	30		
G093	26 Griffiths Street Ermington			G	Residential	57	52	45	40	17	31	17	24	27	22	12	19	20	39	46	37	45	44	37	13	9	18	9	22	23	20	33	19	20	38	47	41	32		
G094	28 Griffiths Street Ermington			G	Residential	57	52	45	40	16	30	15	24	27	22	10	19	20	32	39	30	38	37	30	11	7	16	7	21	22	20	33	19	20	31	40	34	25		
G095	3 Griffiths Street Ermington			G	Residential	57	52	45	40	17	31	14	24	27	22	10	20	21	31	38	29	37	36	29	11	7	16	7	22	23	20	33	19	20	30	39	33	24		
G096	5 Griffiths Street Ermington			G	Residential	57	52	45	40	17	31	23	24	27	22	13	21	22	31	38	29	37	36	29	15	11	20	11	24	25	20	33	19	20	31	40	34	25		
G097	5 Griffiths Street Ermington			G	Residential	57	52	45	40	20	34	22	26	29	24	15	21	22	34	41	32	40	39	32	19	15	24	15	26	27	23	36	22	23	33	42	36	27		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
G098	6 Griffiths Street Ermington			G	Residential	57	52	45	40	22	36	30	31	34	29	24	23	24	31	38	29	37	36	29	25	21	30	21	27	28	29	42	28	29	30	39	33	24		
G099	8 Griffiths Street Ermington			G	Residential	57	52	45	40	21	35	28	31	34	29	21	23	24	34	41	32	40	39	32	25	21	30	21	27	28	27	40	26	27	33	42	36	27		
G100	9 Griffiths Street Ermington			G	Residential	57	52	45	40	24	38	28	32	35	30	21	18	19	33	40	31	39	38	31	25	21	30	21	30	31	28	41	27	28	37	46	40	31		
G101	31 Kendall Street Ermington			G	Residential	57	52	45	40	33	47	33	35	38	33	30	29	30	40	47	38	46	45	38	28	24	33	24	31	32	33	46	32	33	40	49	43	34		
G102	34 Kendall Street Ermington			G	Residential	57	52	45	40	33	47	24	33	36	31	17	18	19	39	46	37	45	44	37	20	16	25	16	28	29	24	37	23	24	39	48	42	33		
G103	36 Kendall Street Ermington			G	Residential	57	52	45	40	33	47	22	33	36	31	16	17	18	40	47	38	46	45	38	19	15	24	15	28	29	33	46	32	33	40	49	43	34		
G104	36 Kendall Street Ermington			G	Residential	57	52	45	40	27	41	23	32	35	30	18	18	19	34	41	32	40	39	32	21	17	26	17	27	28	32	45	31	32	34	43	37	28		
G105	38 Kendall Street Ermington			G	Residential	57	52	45	40	26	40	31	34	37	32	22	23	24	33	40	31	39	38	31	28	24	33	24	28	29	31	44	30	31	33	42	36	27		
G106	40 Kendall Street Ermington			G	Residential	57	52	45	40	25	39	22	32	35	30	18	16	17	35	42	33	41	40	33	24	20	29	20	28	29	33	46	32	33	34	43	37	28		
G107	40 Kendall Street Ermington			G	Residential	57	52	45	40	25	39	28	30	33	28	19	18	19	34	41	32	40	39	32	24	20	29	20	28	29	32	45	31	32	34	43	37	28		
G108	392 Kissing Point Road Ermington			G	Residential	57	52	45	40	27	41	28	33	36	31	24	29	30	35	42	33	41	40	33	0	0	0	0	33	34	29	42	28	29	34	43	37	28		
G109	392 Kissing Point Road Ermington			G	Residential	57	52	45	40	27	41	28	32	35	30	24	28	29	34	41	32	40	39	32	0	0	0	0	31	32	29	42	28	29	34	43	37	28		
G110	394 Kissing Point Road Ermington			G	Residential	57	52	45	40	26	40	25	33	36	31	22	31	32	32	39	30	38	37	30	0	0	0	0	30	31	28	41	27	28	31	40	34	25		
G111	396 Kissing Point Road Ermington			G	Residential	57	52	45	40	28	42	20	35	38	33	16	32	33	36	43	34	42	41	34	0	0	0	0	31	32	28	41	27	28	35	44	38	29		
G112	398 Kissing Point Road Ermington			G	Residential	57	52	45	40	28	42	24	33	36	31	21	28	29	36	43	34	42	41	34	0	0	0	0	34	35	28	41	27	28	35	44	38	29		
G113	400 Kissing Point Road Ermington			G	Residential	57	52	45	40	32	46	24	34	37	32	20	33	34	38	45	36	44	43	36	0	0	0	0	33	34	28	41	27	28	37	46	40	31		
G114	408 Kissing Point Road Ermington			G	Residential	57	52	45	40	33	47	0	40	43	38	0	35	36	45	52	43	51	50	43	0	0	0	0	43	44	32	45	31	32	45	54	48	39		
G115	465-465 Kissing Point Road Ermington			G	Residential	57	52	45	40	30	44	26	33	36	31	23	27	28	36	43	34	42	41	34	0	0	0	0	33	34	29	42	28	29	35	44	38	29		
G116	467 Kissing Point Road Ermington			G	Residential	57	52	45	40	29	43	25	36	39	34	22	27	28	32	39	30	38	37	30	0	0	0	0	28	29	27	40	26	27	33	42	36	27		
G117	469 Kissing Point Road Ermington			G	Residential	57	52	45	40	29	43	24	36	39	34	21	33	34	35	42	33	41	40	33	0	0	0	0	33	34	27	40	26	27	34	43	37	28		
G118	471 Kissing Point Road Ermington	St. Mark's Anglican Church		G	Place of worship	55	0	0	0	29	43	11	33	36	31	6	33	34	38	45	36	44	43	36	0	0	0	0	34	35	29	42	28	29	40	49	43	34		
G119	471 Kissing Point Road Ermington			G	Residential	57	52	45	40	23	37	14	28	31	26	7	25	26	32	39	30	38	37	30	0	0	0	0	25	26	16	29	15	16	31	40	34	25		
G120	471 Kissing Point Road Ermington	St. Mark's Anglican Church		G	Place of worship	55	0	0	0	30	44	25	36	39	34	21	35	36	36	43	34	42	41	34	0	0	0	0	34	35	29	42	28	29	37	46	40	31		
G121	471 Kissing Point Road Ermington			G	Residential	57	52	45	40	34	48	11	40	43	38	7	33	34	40	47	38	46	45	38	0	0	0	0	33	34	29	42	28	29	40	49	43	34		
G122	473 Kissing Point Road Ermington			G	Residential	57	52	45	40	29	43	12	34	37	32	7	33	34	37	44	35	43	42	35	0	0	0	0	33	34	29	42	28	29	36	45	39	30		
G123	475 Kissing Point Road Ermington			G	Residential	57	52	45	40	30	44	14	36	39	34	8	33	34	40	47	38	46	45	38	0	0	0	0	38	39	32	45	31	32	39	48	42	33		
G124	477 Kissing Point Road Ermington			G	Residential	57	52	45	40	37	51	22	36	39	34	15	34	35	41	48	39	47	46	39	0	0	0	0	32	33	27	40	26	27	39	48	42	33		
G125	479 Kissing Point Road Ermington			G	Residential	57	52	45	40	36	50	25	40	43	38	20	33	34	41	48	39	47	46	39	0	0	0	0	30	31	24	37	23	24	40	49	43	34		
G126	1 Lawson Street Ermington			G	Residential	57	52	45	40	24	38	32	36	39	34	25	27	28	35	42	33	41	40	33	26	22	31	22	26	27	30	43	29	30	34	43	37	28		
G127	1 Lawson Street Ermington			G	Residential	57	52	45	40	23	37	33	34	37	32	30	23	24	33	40	31	39	38	31	28	24	33	24	27	28	31	44	30	31	32	41	35	26		
G128	10-12 Lawson Street Ermington	Riverside Church		G	Place of worship	55	0	0	0	27	41	34	36	39	34	30	29	30	34	41	32	40	39	32	27	23	32	23	30	31	32	45	31	32	33	42	36	27		
G129	10-12 Lawson Street Ermington			G	Residential	57	52	45	40	25	39	20	31	34	29	13	21	22	32	39	30	38	37	30	14	10	19	10	27	28	29	42	28	29	32	41	35	26		
G130	11 Lawson Street Ermington			G	Residential	57	52	45	40	27	41	31	35	38	33	26	21	22	34	41	32	40	39	32	26	22	31	22	30	31	29	42	28	29	33	42	36	27		
G131	13 Lawson Street Ermington			G	Residential	57	52	45	40	25	39	32	34	37	32	27	25	26	33	40	31	39	38	31	26	22	31	22	25	26	31	44	30	31	32	41	35	26		
G132	14 Lawson Street Ermington			G	Residential	57	52	45	40	26	40	34	34	37	32	31	30	31	32	39	30	38	37	30	28	24	33	24	29	30	31	44	30	31	32	41	35	26		
G133	14 Lawson Street Ermington			G	Residential	57	52	45	40	25	39	34	34	37	32	30	30	31	32	39	30	38	37	30	28	24	33	24	29	30	31	44	30	31	32	41	35	26		
G134	15 Lawson Street Ermington			G	Residential	57	52	45	40	26	40	32	34	37	32	28	26	27	33	40	31	39	38	31	26	22	31	22	25	26	31	44	30	31	32	41	35	26		
G135	16 Lawson Street Ermington			G	Residential	57	52	45	40	25	39	34	33	36	31	30	29	30	32	39	30	38	37	30	27	23	32	23	29	30	30	43	29	30	31	40	34	25		
G136	17 Lawson Street Ermington			G	Residential	57	52	45	40	21	35	29	30	33	28	24	18	19	33	40	31	39	38	31	26	22	31	22	24	25	31	44	30	31	33	42	36	27		
G137	18 Lawson Street Ermington			G	Residential	57	52	45	40	25	39	33	34	37	32	28	28	29	33	40	31	39	38	31	27	23	32	23	28	29	32	45	31	32	32	41	35	26		
G138	19 Lawson Street Ermington			G	Residential	57	52	45	40	23	37	29	33	36	31	24	18	19	32	39	30	38	37	30	26	22	31	22	25	26	30	43	29	30	32	41	35	26		
G139	2 Lawson Street Ermington			G	Residential	57	52	45	40	23	37	19	34	37	32	14	22	23	34	41	32	40	39	32	15	11	20	11	27	28	25	38	24	25	34	43	37	28		
G140	20 Lawson Street Ermington			G	Residential	57	52	45	40	24	38	31	34	37	32	27	22	23	32	39	30	38	37	30	28	24	33	24	28	29	30	43	29	30	31	40	34	25		
G141	21 Lawson Street Ermington			G	Residential	57	52	45	40	24	38	29	35	38	33	23	17	18	34	41	32	40	39	32	26	22	31	22	24	25	30	43	29	30	33	42	36	27		
G142	22 Lawson Street Ermington			G	Residential	57	52	45	40	21	35	31	33	36	31	29	20	21	30	37	28	36	35	28	26	22	31	22	26	27	24	37	23	24	30	39	33	24		
G143	23 Lawson Street Ermington			G	Residential	57	52	45	40	26	40	33	36	39	34	29	29	30	36	43	34	42	41	34	27	23	32	23	30	31	34	47	33	34	36	45	39	30		
G144	24 Lawson Street Ermington			G	Residential	57	52	45	40	24	38	31	31	34	29	29	20	21	30	37	28	36	35	28	26	22	31	22	23	24	28	41	27	28	29	38	32	23		
G145	25 Lawson Street Ermington			G	Residential	57	52	45	40	29	43	31	29	32	27	29	20	21	35	42	33	41	40	33	26	22	31	22	28	29	31	44	30	31	34	43	37	28		
G146	26 Lawson Street Ermington			G	Residential	57	52	45	40	20	34	31	33	36	31	29	20	21	29	36	27	35	34	27	26	22	31	22	22	23	26	39	25	26	30	39	33	24		
G147	3 Lawson Street Ermington			G	Residential	57	52	45	40	26	40	32	36	39	34	26	21	22	35	42	33	41	40	33	26	22	31	22	26	27	28	41	27	28	34	43	37	28		
G148	4 Lawson Street Ermington			G	Residential	57	52	45	40	27	41	31	36	39	34	25	23	24	35	42	33	41	40	33	28	24	33	24	26	27	33	46	32	33	34	43	37	28		
G149	5 Lawson Street Ermington			G	Residential	57	52	45	40	23	37	32	37	40	35	26	20	21	35	42	33	41	40	33	26	22	31	22	26	27	28	41	27	28	35	44	38	29		
G150	7 Lawson Street Ermington			G	Residential	57	52	45	40	29	43	33	36	39	34	30	31	32	35	42	33	41	40	33	27	23	32	23	29	30	33	46	32	33	34	43	37	28		
G151	9 Lawson Street Ermington			G	Residential	57	52	45	40	27	41	22	34	37	32	15	32	33	32	39	30	38	37	30	18	14	23	14	30	31	26	39	25	26	31	40	34	25		
G152	10 Macarthur Street Ermington			G	Residential	57	52	45	40	30	44	21	33	36	31	12	32	33	36	43	34	42	41	34	16	12	21	12	34	35	28	41	27	28	36	45	39	30		
G153	12 Macarthur Street Ermington			G	Residential	57	52	45	40	20	34	20	27	30	25	13	24	25	35	42	33	41	40	33	17	13	22	13	24	25	18	31	17	18	34	43	37	28		
G154	14 Macarthur Street Ermington			G	Residential	57	52	45	40	29	43	24	26	29	24	17	24	25	36	43	34	42	41	34	19	15	24	15	33	34	21	34	20	21	36	45	39	30		
G155	14 Macarthur Street Ermington			G	Residential	57	52	45	40	21	35	26	26	29	24	20	23	24	35	42	33	41	40	33	21	17	26	17	24	25	20	33	19	20	34	43	37	28		
G156	16 Macarthur Street Ermington			G	Residential	57	52	45	40	33	47	15	40	43	38	10	34	35	39	46	37	45	44	37	11	7	16	7	37	38	17	30	16	17	38	47	41	32		
G157	18 Macarthur Street Ermington			G	Residential	57	52	45	40	33	47	28	40	43	38	24	34	35	39	46	37	45	44	37	22	18	27	18	38	39	31	44	30	31	38	47	41	32		
G158	2 Macarthur Street Ermington			G	Residential	57	52	45	40	17	31	26	24	27	22	19	26	27	31	38	29	37	36	29	22	18	27	18	22	23	19	32	18	19	30	39	33	24		
G159	20 Macarthur Street Ermington			G	Residential	57	52	45	40	22	36	27	29	32	27	24	22	23	38	45	36	44	43	36	21	17	26	17	24	25	25	38	24	25	39	48	42	33		
G160	22 Macarthur Street Ermington			G	Residential	57	52	45	40	31	45	23	38	41	36	15	32	33	43	50	41	49	48	41	18	14	23	14	34	35	29	42	28	29	42	51	45	36		
G161	24 Macarthur Street Ermington			G	Residential	57	52	45	40	20	34	14	27	30	25	9	30	31	42	49	40	48	47	40	10	6	15	6	24	25	20	33	19	20	42	51	45	36		
G162	26 Macarthur Street Ermington			G	Residential	57	52	45	40	21	35	14	27	30	25	9	24	25	40	47	38	46	45	38	10	6	15	6	24	25	19	32	18	19	39	48	42	33		
G163	28 Macarthur Street Ermington			G	Residential	57	52	45	40	33	47	28	40	43	38	21	32	33	40	47	38	46	45	38	23	19	28	19	32	33	29	42	28	29	39	48	42	33		
G164	30 Macarthur Street Ermington			G	Residential	57	52	45	40	34	48	17	40	43	38	11	39	40	40	47	38	46	45	38	12	8	17	8	36	37	30	43	29	30	39	48	42	33		
G165	32 Macarthur Street Ermington			G	Residential	57	52	45	40	34	48	19	41	44	39	12	40	41	40	47	38	46	45	38	14	10	19	10	37	38	20	33	19	20	36	45	39	30		
G166	32 Macarthur Street Ermington			G	Residential	57	52	45	40	39	53	28	42	45	40	24	40	41	44	51	42	50	49	42	21	17	26	17	39	40	32	45	31	32	44	53	47	38		
G167	36 Macarthur Street Ermington			G	Residential	57	52	45	40	36	50	21	43	46	41	13	39	40	42	49	40	48	47	40	0	0	0	0	37	38	30	43	29	30	41	50	44	35		
G168	38 Macarthur Street Ermington			G	Residential	57	52	45	40	37	51	15	43	46	41	9	41	42	43	50	41	49	48	41	0	0	0	0	41	42	30	43	29	30	42	51	45	36		
G169	4 Macarthur Street Ermington			G	Residential	57	52	45	40	23	37	28	27	30	25	23	25	26	31	38	29	37	36	29	23	19	28	19	28	29	24	37	23	24	31	40	34	25		
G170	6 Macarthur Street Ermington			G	Residential	57	52	45	40	20	34	24	25	28	23	19	24	25	30	37	28	36	35	28	23	19	28	19	23	24	22	35	21	22	32	41	35	26		
G171	8 Macarthur Street Ermington			G	Residential	57	52	45	40	26	40	25	31	34	29	18	24	25	32	39	30	38	37	30	20	16	25	16	28	29	19	32	18	19	31	40	34	25		
G172	2 Marsden Road Ermington			G	Commercial	70	0	0	0	27	41	0	35	38	33	0	19	20	34	41	32	40	39	32	0	0	0	0	24	25	31	44	30	31	33	42	36	27		
G173	1 Parkes Street Ermington			G	Residential	57	52	45	40	23	37	21	30	33	28	15	28	29	32	39	30	38	37	30	17	13	22	13	30	31	26	39	25	26	33	42	36	27		
G174	10 Parkes Street Ermington			G	Residential	57	52	45	40	26	40	15	32	35	30	9	24	25	32	39	30	38	37	30	11	7	16	7	29	30	25	38	24	25	32	41	35	26		
G175	12 Parkes Street Ermington			G	Residential	57	52	45	40	26	40	22	32	35	30	14	30	31	35	42	33	41	40	33	17	13	22	13	33	34	28	41	27	28	34	43	37	28		
G176	14 Parkes Street Ermington			G	Residential	57	52	45	40	26	40	14	33	36	31	9	30	31	33	40	31	39	38	31	11	7	16	7	31	32	28	41	27	28	32	41	35	26		
G177	16 Parkes Street Ermington			G	Residential	57	52	45	40	26	40	14	33	36	31	11	30	31	35	42	33	41	40	33	11	7	16	7	29	30	27	40	26	27	34	43	37	28		
G178	2 Parkes Street Ermington			G	Residential	57	52	45	40	29	43	12	36	39	34	7	34	35	39	46	37	45	44	37	8	4	13	4	34	35	30	43	29	30	38	47	41	32		
G179	2 Parkes Street Ermington			G	Residential	57	52	45	40	34	48	12	40	43	38	7	39	40	39	46	37	45	44	37	20	16	25	16	37	38	31	44	30	31	38	47	41	32		
G180	3 Parkes Street Ermington			G	Residential	57	52	45	40	25	39	22	31	34	29	14	31	32	31	38	29	37	36	29	17	13	22	13	27	28	28	41	27	28	31	40	34	25		
G181	4 Parkes Street Ermington			G	Residential	57	52	45	40	28	42	14	35	38	33	7	32	33	35	42	33	41	40	33	8	4	13	4	32	33	28	41	27	28	35	44	38	29		
G182	5 Parkes Street Ermington			G	Residential	57	52	45	40	26	40	14	33	36	31	9	29	30	35	42	33	41	40	33	9	5	14	5	31	32	28	41	27	28	34	43	37	28		
G183	6 Parkes Street Ermington			G	Residential	57	52	45	40	32	46	12	36	39	34	7	35	36	38	45	36	44	43	36	8	4	13	4	36	37	30	43	29	30	37	46	40	31		
G184	7 Parkes Street Ermington			G	Residential	57	52	45	40	24	38	20	31	34	29	10	23	24	33	40	31	39	38	31	15	11	20	11	31	32	28	41	27	28	32	41	35	26		
G185	8 Parkes Street Ermington			G	Residential	57	52	45	40	30	44	29	33	36	31	22	24	25	36	43	34	42	41	34	24	20	29	20	34	35	29	42	28	29	35	44	38	29		
G186	10 Patterson Street Ermington			G	Residential	57	52	45	40	20	34	25	25	28	23	19	20	21	31	38	29	37	36	29	24	20	29	20	22	23	24	37	23	24	31	40	34	25		
G187	11 Patterson Street Ermington			G	Residential	57	52	45	40	18	32	21	25	28	23	15	20	21	32	39	30	38	37	30	18	14	23	14	20	21	20	33	19	20	34	43	37	28		
G188	12 Patterson Street Ermington			G	Residential	57	52	45	40	18	32	26	27	30	25	18	22	23	29	36	27	35	34	27	23	19	28	19	22	23	24	37	23	24	29	38	32	23		
G189	12 Patterson Street Ermington			G	Residential	57	52	45	40	19	33	17	26	29	24	12	23	24	30	37	28	36	35	28	13	9	18	9	24	25	23	36	22	23	30	39	33	24		
G190	14 Patterson Street Ermington			G	Residential	57	52	45	40	23	37	32	30	33	28	26	25	26	29	36	27	35	34	27	25	21	30	21	27	28	27	40	26	27	29	38	32	23		
G191	15 Patterson Street Ermington			G	Residential	57	52	45	40	25	39	31	32	35	30	26	25	26	37	44	35	43	42	35	25	21	30	21	28	29	29	42	28	29	36	45	39	30		
G192	17 Patterson Street Ermington			G	Residential	57	52	45	40	17	31	28	27	30	25	19	21	22	34	41	32	40	39	32	24	20	29	20	22	23	23	36	22	23	33	42	36	27		
G193	18 Patterson Street Ermington			G	Residential	57	52	45	40	21	35	32	29	32	27	29	20	21	35	42	33	41	40	33	27	23	32	23	22	23	33	46	32	33	34	43	37	28		
G194	18 Patterson Street Ermington			G	Residential	57	52	45	40	22	36	23	28	31	26	20	18	19	28	35	26	34	33	26	21	17	26	17	22	23	26	39	25	26	28	37	31	22		
G195	19 Patterson Street Ermington			G	Residential	57	52	45	40	16	30	20	25	28	23	13	21	22	34	41	32	40	39	32	17	13	22	13	22	23	22	35	21	22	33	42	36	27		
G196	2 Patterson Street Ermington			G	Residential	57	52	45	40	19	33	25	25	28	23	17	18	19	31	38	29	37	36	29	22	18	27	18	22	23	23	36	22	23	31	40	34	25		
G197	20 Patterson Street Ermington			G	Residential	57	52	45	40	24	38	29	33	36	31	27	18	19	32	39	30	38	37	30	26	22	31	22	24	25	29	42	28	29	32	41	35	26		
G198	20 Patterson Street Ermington			G	Residential	57	52	45	40	25	39	31	32	35	30	28	30	31	31	38	29	37	36	29	25	21	30	21	28	29	29	42	28	29	30	39	33	24		
G199	21 Patterson Street Ermington			G	Residential	57	52	45	40	19	33	16	24	27	22	11	21	22	36	43	34	42	41	34	12	8	17	8	27	28	25	38	24	25	35	44	38	29		
G200	22 Patterson Street Ermington			G	Residential	57	52	45	40	22	36	22	29	32	27	19	17	18	29	36	27	35	34	27	20	16	25	16	24	25	25	38	24	25	29	38	32	23		
G201	23 Patterson Street Ermington			G	Residential	57	52	45	40	24	38	33	33	36	31	26	21	22	31	38	29	37	36	29	27	23	32	23	27	28	28	41	27	28	32	41	35	26		
G202	24 Patterson Street Ermington			G	Residential	57	52	45	40	24	38	30	28	31	26	28	18	19	30	37	28	36	35	28	26	22	31	22	22	23	28	41	27	28	29	38	32	23		
G203	25 Patterson Street Ermington			G	Residential	57	52	45	40	19	33	31	27	30	25	23	20	21	30	37	28	36	35	28	27	23	32	23	25	26	23	36	22	23	29	38	32	23		
G204	26 Patterson Street Ermington			G	Residential	57	52	45	40	26	40	21	26	29	24	18	17	18	32	39	30	38	37	30	18	14	23	14	22	23	30	43	29	30	31	40	34	25		
G205	27 Patterson Street Ermington			G	Residential	57	52	45	40	20	34	31	30	33	28	26	21	22	28	35	26	34	33	26	26	22	31	22	26	27	23	36	22	23	27	36	30	21		
G206	28 Patterson Street Ermington			G	Residential	57	52	45	40	25	39	23	27	30	25	19	17	18	35	42	33	41	40	33	19	15	24	15	22	23	31	44	30	31	34	43	37	28		
G207	29 Patterson Street Ermington			G	Residential	57	52	45	40	24	38	18	25	28	23	14	18	19	35	42	33	41	40	33	14	10	19	10	26	27	33	46	32	33	35	44	38	29		
G208	3 Patterson Street Ermington			G	Residential	57	52	45	40	15	29	15	23	26	21	10	18	19	33	40	31	39	38	31	11	7	16	7	20	21	19	32	18	19	32	41	35	26		
G209	3 Patterson Street Ermington			G	Residential	57	52	45	40	21	35	25	29	32	27	15	24	25	32	39	30	38	37	30	20	16	25	16	26	27	25	38	24	25	31	40	34	25		
G210	30 Patterson Street Ermington			G	Residential	57	52	45	40	26	40	30	33	36	31	26	23	24	32	39	30	38	37	30	24	20	29	20	23	24	30	43	29	30	31	40	34	25		
G211	32 Patterson Street Ermington			G	Residential	57	52	45	40	27	41	25	33	36	31	21	16	17	33	40	31	39	38	31	21	17	26	17	25	26	30	43	29	30	32	41	35	26		
G212	34 Patterson Street Ermington			G	Residential	57	52	45	40	25	39	32	35	38	33	27	31	32	35	42	33	41	40	33	27	23	32	23	29	30	28	41	27	28	35	44	38	29		
G213	36 Patterson Street Ermington			G	Residential	57	52	45	40	25	39	33	32	35	30	29	31	32	34	41	32	40	39	32	27	23	32	23	29	30	28	41	27	28	36	45	39	30		
G214	38 Patterson Street Ermington			G	Residential	57	52	45	40	28	42	34	33	36	31	30	31	32	34	41	32	40	39	32	27	23	32	23	30	31	32	45	31	32	32	41	35	26		
G215	5 Patterson Street Ermington			G	Residential	57	52	45	40	15	29	28	24	27	22	20	20	21	34	41	32	40	39	32	22	18	27	18	20	21	19	32	18	19	33	42	36	27		
G216	6 Patterson Street Ermington			G	Residential	57	52	45	40	26	40	26	34	37	32	21	24	25	36	43	34	42	41	34	25	21	30	21	29	30	31	44	30	31	36	45	39	30		
G217	7 Patterson Street Ermington			G	Residential	57	52	45	40	22	36	16	29	32	27	10	24	25	33	40	31	39	38	31	12	8	17	8	27	28	26	39	25	26	38	47	41	32		
G218	8 Patterson Street Ermington			G	Residential	57	52	45	40	27	41	16	35	38	33	11	27	28	39	46	37	45	44	37	13	9	18	9	27	28	31	44	30	31	39	48	42	33		
G219	9 Patterson Street Ermington			G	Residential	57	52	45	40	20	34	16	31	34	29	11	24	25	38	45	36	44	43	36	18	14	23	14	26	27	23	36	22	23	37	46	40	31		
G220	1 Reid Street Ermington			G	Residential	57	52	45	40	18	32	29	32	35	30	25	22	23	36	43	34	42	41	34	25	21	30	21	25	26	30	43	29	30	35	44	38	29		
G221	2 Reid Street Ermington			G	Residential	57	52	45	40	20	34	17	28	31	26	12	20	21	32	39	30	38	37	30	14	10	19	10	24	25	20	33	19	20	31	40	34	25		
G222	3 Reid Street Ermington			G	Residential	57	52	45	40	21	35	26	29	32	27	22	26	27	38	45	36	44	43	36	20	16	25	16	25	26	26	39	25	26	37	46	40	31		
G223	4 Reid Street Ermington			G	Residential	57	52	45	40	17	31	24	23	26	21	14	21	22	34	41	32	40	39	32	19	15	24	15	22	23	20	33	19	20	33	42	36	27		
G224	5 Reid Street Ermington			G	Residential	57	52	45	40	22	36	29	26	29	24	23	17	18	29	36	27	35	34	27	25	21	30	21	20	21	26	39	25	26	28	37	31	22		
G225	6 Reid Street Ermington			G	Residential	57	52	45	40	17	31	18	24	27	22	13	21	22	34	41	32	40	39	32	18	14	23	14	22	23	20	33	19	20	34	43	37	28		
G226	9 Reid Street Ermington			G	Residential	57	52	45	40	25	39	31	32	35	30	28	23	24	31	38	29	37	36	29	25	21	30	21	28	29	29	42	28	29	30	39	33	24		
G227	9 Reid Street Ermington			G	Residential	57	52	45	40	16	30	27	23	26	21	18	20	21	35	42	33	41	40	33	22	18	27	18	23	24	19	32	18	19	35	44	38	29		
G228	22 Spurway Street Ermington			G	Residential	57	52	45	40	19	33	18	29	32	27	13	23	24	28	35	26	34	33	26	14	10	19	10	24	25	26	39	25	26	26	35	29	20		
G229	22 Spurway Street Ermington			G	Residential	57	52	45	40	26	40	21	34	37	32	16	19	20	31	38	29	37	36	29	18	14	23	14	27	28	29	42	28	29	31	40	34	25		
G230	24 Spurway Street Ermington			G	Residential	57	52	45	40	25	39	18	28	31	26	14	24	25	31	38	29	37	36	29	15	11	20	11	28	29	28	41	27	28	31	40	34	25		
G231	26 Spurway Street Ermington			G	Residential	57	52	45	40	27	41	17	25	28	23	12	19	20	26	33	24	32	31	24	12	8	17	8	23	24	21	34	20	21	31	40	34	25		
G232	30 Spurway Street Ermington			G	Residential	57	52	45	40	25	39	31	28	31	26	25	19	20	30	37	28	36	35	28	26	22	31	22	28	29	27	40	26	27	29	38	32	23		
G233	32 Spurway Street Ermington			G	Residential	57	52	45	40	27	41	31	33	36	31	26	22	23	32	39	30	38	37	30	25	21	30	21	30	31	21	34	20	21	31	40	34	25		
G234	34 Spurway Street Ermington			G	Residential	57	52	45	40	24	38	31	28	31	26	24	18	19	30	37	28	36	35	28	26	22	31	22	28	29	26	39	25	26	28	37	31	22		
G235	36 Spurway Street Ermington			G	Residential	57	52	45	40	25	39	31	34	37	32	24	31	32	32	39	30	38	37	30	26	22	31	22	28	29	31	44	30	31	31	40	34	25		
G236	36 Spurway Street Ermington			G	Residential	57	52	45	40	25	39	16	32	35	30	12	26	27	32	39	30	38	37	30	13	9	18	9	30	31	26	39	25	26	31	40	34	25		
G237	38 Spurway Street Ermington			G	Residential	57	52	45	40	23	37	17	26	29	24	12	22	23	30	37	28	36	35	28	13	9	18	9	27	28	27	40	26	27	30	39	33	24		
G238	40 Spurway Street Ermington			G	Residential	57	52	45	40	26	40	25	27	30	25	13	25	26	32	39	30	38	37	30	20	16	25	16	29	30	24	37	23	24	31	40	34	25		
G239	42 Spurway Street Ermington			G	Residential	57	52	45	40	24	38	33	28	31	26	25	22	23	30	37	28	36	35	28	28	24	33	24	25	26	26	39	25	26	29	38	32	23		
G240	44 Spurway Street Ermington			G	Residential	57	52	45	40	24	38	20	24	27	22	13	22	23	30	37	28	36	35	28	15	11	20	11	28	29	22	35	21	22	29	38	32	23		
G241	46 Spurway Street Ermington			G	Residential	57	52	45	40	26	40	28	33	36	31	18	31	32	31	38	29	37	36	29	24	20	29	20	29	30	25	38	24	25	30	39	33	24		
G242	48 Spurway Street Ermington			G	Residential	57	52	45	40	25	39	29	32	35	30	24	27	28	31	38	29	37	36	29	26	22	31	22	29	30	25	38	24	25	29	38	32	23		
G243	50 Spurway Street Ermington			G	Residential	57	52	45	40	23	37	31	30	33	28	26	25	26	29	36	27	35	34	27	27	23	32	23	26	27	27	40	26	27	29	38	32	23		
G244	50 Spurway Street Ermington			G	Residential	57	52	45	40	22	36	18	23	26	21	13	22	23	29	36	27	35	34	27	14	10	19	10	27	28	20	33	19	20	29	38	32	23		
G245	67 Spurway Street Ermington			G	Residential	57	52	45	40	22	36	31	31	34	29	25	24	25	29	36	27	35	34	27	26	22	31	22	24	25	26	39	25	26	29	38	32	23		
G246	69 Spurway Street Ermington			G	Residential	57	52	45	40	25	39	30	29	32	27	26	25	26	31	38	29	37	36	29	26	22	31	22	29	30	27	40	26	27	31	40	34	25		
G247	71 Spurway Street Ermington			G	Residential	57	52	45	40	25	39	20	32	35	30	14	31	32	31	38	29	37	36	29	17	13	22	13	29	30	26	39	25	26	30	39	33	24		
G248	73 Spurway Street Ermington			G	Residential	57	52	45	40	26	40	31	32	35	30	25	29	30	32	39	30	38	37	30	26	22	31	22	30	31	27	40	26	27	31	40	34	25		
G249	77 Spurway Street Ermington			G	Residential	57	52	45	40	24	38	27	31	34	29	18	27	28	30	37	28	36	35	28	22	18	27	18	28	29	26	39	25	26	29	38	32	23		
G250	77 Spurway Street Ermington			G	Residential	57	52	45	40	20	34	19	24	27	22	13	26	27	30	37	28	36	35	28	14	10	19	10	28	29	22	35	21	22	30	39	33	24		
G251	79 Spurway Street Ermington			G	Residential	57	52	45	40	18	32	18	25	28	23	12	21	22	30	37	28	36	35	28	13	9	18	9	28	29	21	34	20	21	30	39	33	24		
G252	81 Spurway Street Ermington			G	Residential	57	52	45	40	26	40	22	33	36	31	16	31	32	32	39	30	38	37	30	19	15	24	15	30	31	28	41	27	28	31	40	34	25		
G253	83 Spurway Street Ermington			G	Residential	57	52	45	40	24	38	26	25	28	23	19	24	25	30	37	28	36	35	28	20	16	25	16	27	28	23	36	22	23	29	38	32	23		
G254	85 Spurway Street Ermington			G	Residential	57	52	45	40	19	33	29	28	31	26	18	24	25	29	36	27	35	34	27	24	20	29	20	27	28	26	39	25	26	29	38	32	23		
G255	85 Spurway Street Ermington			G	Residential	57	52	45	40	18	32	28	24	27	22	22	19	20	25	32	23	31	30	23	23	19	28	19	23	24	22	35	21	22	25	34	28	19		
G256	87 Spurway Street Ermington			G	Residential	57	52	45	40	18	32	16	27	30	25	11	22	23	35	42	33	41	40	33	19	15	24	15	24	25	26	39	25	26	34	43	37	28		
G257	89 Spurway Street Ermington			G	Residential	57	52	45	40	20	34	30	28	31	26	28	21	22	29	36	27	35	34	27	25	21	30	21	25	26	27	40	26	27	28	37	31	22		
G258	89 Spurway Street Ermington			G	Residential	57	52	45	40	19	33	32	30	33	28	26	22	23	30	37	28	36	35	28	27	23	32	23	21	22	27	40	26	27	32	41	35	26		
G259	91 Spurway Street Ermington			G	Residential	57	52	45	40	19	33	31	29	32	27	28	19	20	28	35	26	34	33	26	25	21	30	21	21	22	24	37	23	24	27	36	30	21		
G260	95 Spurway Street Ermington			G	Residential	57	52	45	40	23	37	23	30	33	28	14	29	30	37	44	35	43	42	35	18	14	23	14	27	28	26	39	25	26	36	45	39	30		
G261	10 Stevens Street Ermington			G	Residential	57	52	45	40	24	38	32	30	33	28	29	30	31	38	45	36	44	43	36	26	22	31	22	27	28	27	40	26	27	37	46	40	31		
G262	12 Stevens Street Ermington			G	Residential	57	52	45	40	21	35	29	29	32	27	24	25	26	33	40	31	39	38	31	24	20	29	20	25	26	23	36	22	23	32	41	35	26		
G263	14 Stevens Street Ermington			G	Residential	57	52	45	40	21	35	20	28	31	26	14	27	28	29	36	27	35	34	27	17	13	22	13	27	28	24	37	23	24	28	37	31	22		
G264	16 Stevens Street Ermington			G	Residential	57	52	45	40	21	35	28	29	32	27	21	27	28	32	39	30	38	37	30	24	20	29	20	26	27	24	37	23	24	34	43	37	28		
G265	18 Stevens Street Ermington			G	Residential	57	52	45	40	20	34	27	30	33	28	22	23	24	33	40	31	39	38	31	23	19	28	19	24	25	27	40	26	27	33	42	36	27		
G266	2 Stevens Street Ermington			G	Residential	57	52	45	40	18	32	22	32	35	30	23	17	18	33	40	31	39	38	31	25	21	30	21	29	30	22	35	21	22	32	41	35	26		
G267	2 Stevens Street Ermington			G	Residential	57	52	45	40	23	37	24	24	27	22	19	22	23	35	42	33	41	40	33	22	18	27	18	28	29	22	35	21	22	34	43	37	28		
G268	2 Stevens Street Ermington			G	Residential	57	52	45	40	23	37	27	27	30	25	21	20	21	33	40	31	39	38	31	25	21	30	21	27	28	23	36	22	23	32	41	35	26		
G269	20 Stevens Street Ermington			G	Residential	57	52	45	40	18	32	15	22	25	20	10	22	23	33	40	31	39	38	31	12	8	17	8	22	23	17	30	16	17	32	41	35	26		
G270	22 Stevens Street Ermington			G	Residential	57	52	45	40	25	39	25	30	33	28	15	26	27	33	40	31	39	38	31	20	16	25	16	31	32	25	38	24	25	32	41	35	26		
G271	24 Stevens Street Ermington			G	Residential	57	52	45	40	31	45	29	35	38	33	25	32	33	36	43	34	42	41	34	24	20	29	20	34	35	29	42	28	29	35	44	38	29		
G272	26 Stevens Street Ermington			G	Residential	57	52	45	40	24	38	28	28	31	26	24	25	26	34	41	32	40	39	32	23	19	28	19	28	29	25	38	24	25	33	42	36	27		
G273	28 Stevens Street Ermington			G	Residential	57	52	45	40	24	38	27	31	34	29	23	27	28	34	41	32	40	39	32	23	19	28	19	32	33	27	40	26	27	33	42	36	27		
G274	30 Stevens Street Ermington			G	Residential	57	52	45	40	21	35	21	28	31	26	13	25	26	30	37	28	36	35	28	18	14	23	14	25	26	23	36	22	23	30	39	33	24		
G275	32 Stevens Street Ermington			G	Residential	57	52	45	40	27	41	21	34	37	32	13	32	33	32	39	30	38	37	30	18	14	23	14	30	31	27	40	26	27	31	40	34	25		
G276	34 Stevens Street Ermington			G	Residential	57	52	45	40	26	40	25	33	36	31	19	31	32	35	42	33	41	40	33	21	17	26	17	30	31	26	39	25	26	34	43	37	28		
G277	38 Stevens Street Ermington			G	Residential	57	52	45	40	28	42	15	35	38	33	8	32	33	33	40	31	39	38	31	10	6	15	6	31	32	26	39	25	26	32	41	35	26		
G278	38 Stevens Street Ermington			G	Residential	57	52	45	40	28	42	17	35	38	33	11	22	23	35	42	33	41	40	33	14	10	19	10	32	33	17	30	16	17	34	43	37	28		
G279	38 Stevens Street Ermington			G	Residential	57	52	45	40	31	45	12	38	41	36	6	33	34	38	45	36	44	43	36	6	2	11	2	33	34	30	43	29	30	38	47	41	32		
G280	4 Stevens Street Ermington			G	Residential	57	52	45	40	18	32	19	25	28	23	15	22	23	32	39	30	38	37	30	16	12	21	12	24	25	21	34	20	21	32	41	35	26		
G281	40 Stevens Street Ermington			G	Residential	57	52	45	40	18	32	16	24	27	22	11	21	22	35	42	33	41	40	33	12	8	17	8	22	23	19	32	18	19	34	43	37	28		
G282	42 Stevens Street Ermington			G	Residential	57	52	45	40	27	41	26	30	33	28	21	25	26	38	45	36	44	43	36	21	17	26	17	30	31	25	38	24	25	36	45	39	30		
G283	44 Stevens Street Ermington			G	Residential	57	52	45	40	26	40	28	30	33	28	24	25	26	36	43	34	42	41	34	21	17	26	17	31	32	26	39	25	26	36	45	39	30		
G284	44 Stevens Street Ermington			G	Residential	57	52	45	40	28	42	16	35	38	33	11	31	32	38	45	36	44	43	36	13	9	18	9	29	30	25	38	24	25	37	46	40	31		
G285	46 Stevens Street Ermington			G	Residential	57	52	45	40	28	42	23	35	38	33	17	31	32	34	41	32	40	39	32	19	15	24	15	30	31	26	39	25	26	32	41	35	26		
G286	48 Stevens Street Ermington			G	Residential	57	52	45	40	25	39	28	31	34	29	24	25	26	38	45	36	44	43	36	22	18	27	18	29	30	27	40	26	27	38	47	41	32		
G287	50 Stevens Street Ermington			G	Residential	57	52	45	40	30	44	20	37	40	35	13	33	34	35	42	33	41	40	33	18	14	23	14	27	28	18	31	17	18	30	39	33	24		
G288	52 Stevens Street Ermington			G	Residential	57	52	45	40	24	38	21	31	34	29	13	28	29	38	45	36	44	43	36	18	14	23	14	30	31	22	35	21	22	37	46	40	31		
G289	54 Stevens Street Ermington			G	Residential	57	52	45	40	30	44	18	37	40	35	11	34	35	36	43	34	42	41	34	13	9	18	9	34	35	28	41	27	28	35	44	38	29		
G290	54 Stevens Street Ermington			G	Residential	57	52	45	40	31	45	24	38	41	36	17	36	37	37	44	35	43	42	35	20	16	25	16	33	34	29	42	28	29	33	42	36	27		
G291	54 Stevens Street Ermington			G	Residential	57	52	45	40	30	44	17	37	40	35	11	36	37	36	43	34	42	41	34	12	8	17	8	34	35	28	41	27	28	35	44	38	29		
G292	56 Stevens Street Ermington			G	Residential	57	52	45	40	33	47	16	40	43	38	10	37	38	39	46	37	45	44	37	0	0	0	0	33	34	29	42	28	29	37	46	40	31		
G293	56 Stevens Street Ermington			G	Residential	57	52	45	40	31	45	27	37	40	35	23	34	35	36	43	34	42	41	34	0	0	0	0	34	35	29	42	28	29	35	44	38	29		
G294	58 Stevens Street Ermington			G	Residential	57	52	45	40	24	38	28	31	34	29	25	26	27	36	43	34	42	41	34	20	16	25	16	28	29	28	41	27	28	38	47	41	32		
G295	6 Stevens Street Ermington			G	Residential	57	52	45	40	13	27	15	22	25	20	10	19	20	33	40	31	39	38	31	12	8	17	8	19	20	17	30	16	17	32	41	35	26		
G296	60 Stevens Street Ermington			G	Residential	57	52	45	40	27	41	28	32	35	30	24	25	26	35	42	33	41	40	33	21	17	26	17	29	30	29	42	28	29	34	43	37	28		
G297	8 Stevens Street Ermington			G	Residential	57	52	45	40	14	28	14	21	24	19	10	18	19	32	39	30	38	37	30	10	6	15	6	19	20	17	30	16	17	31	40	34	25		
G298	554 Victoria Road Ermington			G	Residential	57	52	45	40	32	46	24	30	33	28	17	18	19	38	45	36	44	43	36	24	20	29	20	27	28	29	42	28	29	38	47	41	32		
G299	556 Victoria Road Ermington			G	Residential	57	52	45	40	24	38	33	33	36	31	28	25	26	34	41	32	40	39	32	28	24	33	24	26	27	33	46	32	33	31	40	34	25		
G300	556 Victoria Road Ermington			G	Residential	57	52	45	40	32	46	34	32	35	30	29	26	27	38	45	36	44	43	36	29	25	34	25	26	27	30	43	29	30	38	47	41	32		
G301	558 Victoria Road Ermington			G	Residential	57	52	45	40	24	38	24	31	34	29	19	19	20	31	38	29	37	36	29	24	20	29	20	26	27	27	40	26	27	31	40	34	25		
G302	562 Victoria Road Ermington			G	Commercial	70	0	0	0	29	43	33	36	39	34	30	32	33	35	42	33	41	40	33	28	24	33	24	33	34	33	46	32	33	35	44	38	29		
G303	562 Victoria Road Ermington			G	Commercial	70	0	0	0	27	41	32	33	36	31	27	29	30	33	40	31	39	38	31	27	23	32	23	31	32	30	43	29	30	32	41	35	26		
G304	566 Victoria Road Ermington			G	Residential	57	52	45	40	28	42	33	34	37	32	29	27	28	34	41	32	40	39	32	27	23	32	23	32	33	31	44	30	31	33	42	36	27		
G305	568 Victoria Road Ermington			G	Residential	57	52	45	40	28	42	33	35	38	33	30	31	32	34	41	32	40	39	32	27	23	32	23	32	33	31	44	30	31	33	42	36	27		
G306	570 Victoria Road Ermington			G	Residential	57	52	45	40	30	44	33	35	38	33	30	32	33	36	43	34	42	41	34	27	23	32	23	34	35	31	44	30	31	35	44	38	29		
G307	572 Victoria Road Ermington			G	Residential	57	52	45	40	28	42	32	35	38	33	29	31	32	36	43	34	42	41	34	26	22	31	22	34	35	32	45	31	32	35	44	38	29		
G308	574 Victoria Road Ermington			G	Residential	57	52	45	40	29	43	31	36	39	34	24	34	35	34	41	32	40	39	32	26	22	31	22	32	33	31	44	30	31	33	42	36	27		
G309	576 Victoria Road Ermington			G	Residential	57	52	45	40	27	41	31	35	38	33	28	27	28	34	41	32	40	39	32	26	22	31	22	31	32	30	43	29	30	32	41	35	26		
G310	578 Victoria Road Ermington			G	Residential	57	52	45	40	26	40	27	33	36	31	18	31	32	32	39	30	38	37	30	22	18	27	18	30	31	27	40	26	27	31	40	34	25		
G311	582 Victoria Road Ermington			G	Residential	57	52	45	40	25	39	22	30	33	28	15	26	27	34	41	32	40	39	32	19	15	24	15	32	33	27	40	26	27	33	42	36	27		
G312	584 Victoria Road Ermington			G	Residential	57	52	45	40	26	40	15	32	35	30	10	31	32	37	44	35	43	42	35	11	7	16	7	31	32	28	41	27	28	36	45	39	30		
G313	586 Victoria Road Ermington			G	Residential	57	52	45	40	19	33	15	26	29	24	10	27	28	36	43	34	42	41	34	11	7	16	7	24	25	23	36	22	23	35	44	38	29		
G314	588 Victoria Road Ermington			G	Residential	57	52	45	40	18	32	17	26	29	24	12	19	20	35	42	33	41	40	33	12	8	17	8	22	23	22	35	21	22	33	42	36	27		
G315	590 Victoria Road Ermington			G	Residential	57	52	45	40	23	37	28	32	35	30	20	26	27	37	44	35	43	42	35	25	21	30	21	29	30	28	41	27	28	36	45	39	30		
G316	592 Victoria Road Ermington			G	Residential	57	52	45	40	22	36	24	28	31	26	17	20	21	41	48	39	47	46	39	20	16	25	16	29	30	22	35	21	22	41	50	44	35		
G317	594 Victoria Road Ermington			G	Residential	57	52	45	40	22	36	22	27	30	25	16	23	24	43	50	41	49	48	41	17	13	22	13	29	30	23	36	22	23	43	52	46	37		
G318	596 Victoria Road Ermington			G	Residential	57	52	45	40	25	39	30	32	35	30	24	27	28	39	46	37	45	44	37	25	21	30	21	28	29	29	42	28	29	38	47	41	32		
G319	598 Victoria Road Ermington			G	Residential	57	52	45	40	26	40	30	32	35	30	23	27	28	44	51	42	50	49	42	25	21	30	21	28	29	30	43	29	30	44	53	47	38		
G320	600 Victoria Road Ermington			G	Residential	57	52	45	40	26	40	29	35	38	33	24	27	28	44	51	42	50	49	42	25	21	30	21	28	29	30	43	29	30	44	53	47	38		
G321	602 Victoria Road Ermington			G	Residential	57	52	45	40	23	37	23	24	27	22	16	22	23	37	44	35	43	42	35	20	16	25	16	30	31	21	34	20	21	36	45	39	30		
G322	604 Victoria Road Ermington			G	Residential	57	52	45	40	27	41	28	36	39	34	24	28	29	38	45	36	44	43	36	24	20	29	20	30	31	31	44	30	31	37	46	40	31		
G323	606 Victoria Road Ermington			G	Residential	57	52	45	40	28	42	22	36	39	34	16	29	30	40	47	38	46	45	38	21	17	26	17	31	32	32	45	31	32	40	49	43	34		
G324	608 Victoria Road Ermington			G	Residential	57	52	45	40	20	34	15	25	28	23	10	23	24	43	50	41	49	48	41	11	7	16	7	28	29	20	33	19	20	43	52	46	37		
G325	610 Victoria Road Ermington			G	Residential	57	52	45	40	29	43	27	36	39	34	24	32	33	43	50	41	49	48	41	24	20	29	20	32	33	33	46	32	33	42	51	45	36		
G326	612 Victoria Road Ermington			G	Residential	57	52	45	40	30	44	26	36	39	34	19	32	33	42	49	40	48	47	40	23	19	28	19	33	34	33	46	32	33	41	50	44	35		
G327	614 Victoria Road Ermington			G	Residential	57	52	45	40	31	45	29	36	39	34	23	33	34	37	44	35	43	42	35	24	20	29	20	33	34	33	46	32	33	36	45	39	30		
G328	616 Victoria Road Ermington			G	Residential	57	52	45	40	25	39	23	26	29	24	15	29	30	37	44	35	43	42	35	19	15	24	15	34	35	20	33	19	20	36	45	39	30		
G329	618 Victoria Road Ermington			G	Residential	57	52	45	40	32	46	26	40	43	38	19	35	36	38	45	36	44	43	36	23	19	28	19	34	35	32	45	31	32	37	46	40	31		
G330	620 Victoria Road Ermington			G	Residential	57	52	45	40	24	38	19	26	29	24	14	31	32	36	43	34	42	41	34	15	11	20	11	29	30	19	32	18	19	35	44	38	29		
G331	624 Victoria Road Ermington			G	Residential	57	52	45	40	32	46	28	39	42	37	23	35	36	38	45	36	44	43	36	23	19	28	19	34	35	30	43	29	30	38	47	41	32		
G332	624 Victoria Road Ermington			G	Residential	57	52	45	40	34	48	30	39	42	37	25	37	38	40	47	38	46	45	38	24	20	29	20	36	37	33	46	32	33	39	48	42	33		
G333	628-630 Victoria Road Ermington			G	Residential	57	52	45	40	31	45	24	35	38	33	17	33	34	37	44	35	43	42	35	22	18	27	18	35	36	29	42	28	29	36	45	39	30		
G334	628-630 Victoria Road Ermington			G	Residential	57	52	45	40	19	33	28	30	33	28	22	26	27	34	41	32	40	39	32	23	19	28	19	26	27	26	39	25	26	33	42	36	27		
G335	628-630 Victoria Road Ermington			G	Residential	57	52	45	40	28	42	17	35	38	33	11	32	33	34	41	32	40	39	32	12	8	17	8	30	31	26	39	25	26	33	42	36	27		
G336	628-630 Victoria Road Ermington			G	Residential	57	52	45	40	20	34	28	30	33	28	24	23	24	34	41	32	40	39	32	23	19	28	19	30	31	27	40	26	27	33	42	36	27		
G337	628-630 Victoria Road Ermington			G	Residential	57	52	45	40	32	46	24	39	42	37	16	32	33	37	44	35	43	42	35	21	17	26	17	35	36	28	41	27	28	36	45	39	30		
G338	628-630 Victoria Road Ermington			G	Residential	57	52	45	40	30	44	28	36	39	34	22	34	35	36	43	34	42	41	34	23	19	28	19	34	35	30	43	29	30	35	44	38	29		
G339	632 Victoria Road Ermington			G	Residential	57	52	45	40	32	46	20	39	42	37	12	38	39	38	45	36	44	43	36	17	13	22	13	36	37	30	43	29	30	37	46	40	31		
G340	634 Victoria Road Ermington			G	Residential	57	52	45	40	31	45	25	38	41	36	18	34	35	36	43	34	42	41	34	23	19	28	19	34	35	29	42	28	29	36	45	39	30		
G341	636 Victoria Road Ermington			G	Residential	57	52	45	40	28	42	16	34	37	32	10	33	34	38	45	36	44	43	36	13	9	18	9	33	34	29	42	28	29	37	46	40	31		
G342	638 Victoria Road Ermington			G	Residential	57	52	45	40	26	40	27	33	36	31	20	30	31	34	41	32	40	39	32	21	17	26	17	30	31	25	38	24	25	33	42	36	27		
G343	640 Victoria Road Ermington			G	Residential	57	52	45	40	26	40	25	33	36	31	17	32	33	33	40	31	39	38	31	20	16	25	16	30	31	29	42	28	29	32	41	35	26		
G344	642 Victoria Road Ermington			G	Residential	57	52	45	40	29	43	23	36	39	34	17	32	33	35	42	33	41	40	33	20	16	25	16	33	34	28	41	27	28	34	43	37	28		
G345	644 Victoria Road Ermington			G	Residential	57	52	45	40	30	44	26	36	39	34	17	30	31	37	44	35	43	42	35	21	17	26	17	35	36	26	39	25	26	36	45	39	30		
G346	646 Victoria Road Ermington			G	Residential	57	52	45	40	34	48	21	35	38	33	17	35	36	40	47	38	46	45	38	21	17	26	17	38	39	31	44	30	31	39	48	42	33		
G347	648 Victoria Road Ermington			G	Residential	57	52	45	40	33	47	16	37	40	35	10	35	36	44	51	42	50	49	42	12	8	17	8	38	39	31	44	30	31	44	53	47	38		
G348	650 Victoria Road Ermington			G	Residential	57	52	45	40	30	44	18	37	40	35	12	33	34	43	50	41	49	48	41	14	10	19	10	32	33	30	43	29	30	43	52	46	37		
G349	652 Victoria Road Ermington			G	Residential	57	52	45	40	35	49	19	42	45	40	13	37	38	40	47	38	46	45	38	14	10	19	10	39	40	30	43	29	30	40	49	43	34		
G350	654 Victoria Road Ermington			G	Residential	57	52	45	40	36	50	27	43	46	41	21	40	41	43	50	41	49	48	41	21	17	26	17	40	41	31	44	30	31	42	51	45	36		
G351	656 Victoria Road Ermington			G	Residential	57	52	45	40	37	51	21	38	41	36	14	30	31	41	48	39	47	46	39	18	14	23	14	39	40	31	44	30	31	40	49	43	34		
G352	658 Victoria Road Ermington			G	Residential	57	52	45	40	37	51	19	36	39	34	13	34	35	43	50	41	49	48	41	0	0	0	0	33	34	30	43	29	30	42	51	45	36		
G353	658 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	17	36	39	34	11	30	31	44	51	42	50	49	42	0	0	0	0	39	40	32	45	31	32	43	52	46	37		
G354	660 Victoria Road Ermington			G	Residential	57	52	45	40	39	53	25	43	46	41	18	38	39	45	52	43	51	50	43	0	0	0	0	38	39	32	45	31	32	44	53	47	38		
G355	664 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	20	42	45	40	16	41	42	44	51	42	50	49	42	0	0	0	0	40	41	32	45	31	32	44	53	47	38		
G356	664 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	20	44	47	42	17	41	42	43	50	41	49	48	41	0	0	0	0	41	42	32	45	31	32	42	51	45	36		
G357	666 Victoria Road Ermington			G	Residential	57	52	45	40	37	51	23	43	46	41	15	41	42	42	49	40	48	47	40	0	0	0	0	40	41	32	45	31	32	42	51	45	36		
G358	668 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	20	37	40	35	12	27	28	43	50	41	49	48	41	0	0	0	0	40	41	34	47	33	34	42	51	45	36		
G359	670 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	16	43	46	41	11	32	33	43	50	41	49	48	41	0	0	0	0	40	41	33	46	32	33	42	51	45	36		
G360	672 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	22	44	47	42	17	41	42	44	51	42	50	49	42	0	0	0	0	41	42	32	45	31	32	43	52	46	37		
G361	674 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	22	44	47	42	17	41	42	43	50	41	49	48	41	0	0	0	0	40	41	34	47	33	34	44	53	47	38		
G362	676 Victoria Road Ermington			G	Residential	57	52	45	40	34	48	24	34	37	32	20	28	29	40	47	38	46	45	38	0	0	0	0	25	26	32	45	31	32	39	48	42	33		
G363	684-686 Victoria Road Ermington			G	Residential	57	52	45	40	40	54	26	47	50	45	22	40	41	45	52	43	51	50	43	0	0	0	0	41	42	33	46	32	33	45	54	48	39		
G364	684-686 Victoria Road Ermington			G	Residential	57	52	45	40	40	54	24	43	46	41	19	40	41	46	53	44	52	51	44	0	0	0	0	44	45	34	47	33	34	45	54	48	39		
G365	684-686 Victoria Road Ermington			G	Residential	57	52	45	40	31	45	21	35	38	33	15	33	34	42	49	40	48	47	40	0	0	0	0	41	42	31	44	30	31	42	51	45	36		
G366	684-686 Victoria Road Ermington			G	Residential	57	52	45	40	23	37	23	29	32	27	17	27	28	34	41	32	40	39	32	0	0	0	0	27	28	21	34	20	21	33	42	36	27		
G367	684-686 Victoria Road Ermington			G	Residential	57	52	45	40	37	51	25	42	45	40	22	40	41	42	49	40	48	47	40	0	0	0	0	39	40	33	46	32	33	41	50	44	35		
G368	690 Victoria Road Ermington			G	Residential	57	52	45	40	40	54	23	46	49	44	18	41	42	42	49	40	48	47	40	0	0	0	0	39	40	31	44	30	31	44	53	47	38		
G369	692 Victoria Road Ermington			G	Residential	57	52	45	40	27	41	14	36	39	34	7	28	29	41	48	39	47	46	39	0	0	0	0	39	40	31	44	30	31	44	53	47	38		
G370	692 Victoria Road Ermington			G	Residential	57	52	45	40	37	51	24	45	48	43	17	40	41	46	53	44	52	51	44	0	0	0	0	44	45	31	44	30	31	45	54	48	39		
G371	694 Victoria Road Ermington			G	Residential	57	52	45	40	36	50	16	41	44	39	8	32	33	41	48	39	47	46	39	0	0	0	0	31	32	26	39	25	26	41	50	44	35		
G372	694 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	16	44	47	42	11	40	41	46	53	44	52	51	44	0	0	0	0	44	45	34	47	33	34	45	54	48	39		
G373	696 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	21	41	44	39	12	39	40	45	52	43	51	50	43	0	0	0	0	43	44	33	46	32	33	44	53	47	38		
G374	700 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	7	35	38	33	4	36	37	43	50	41	49	48	41	0	0	0	0	39	40	27	40	26	27	41	50	44	35		
G375	700 Victoria Road Ermington			G	Residential	57	52	45	40	37	51	7	41	44	39	4	39	40	41	48	39	47	46	39	0	0	0	0	38	39	23	36	22	23	40	49	43	34		
G376	714 Victoria Road Ermington			G	Residential	57	52	45	40	36	50	0	37	40	35	0	34	35	45	52	43	51	50	43	0	0	0	0	43	44	32	45	31	32	43	52	46	37		
G377	716 Victoria Road Ermington			G	Residential	57	52	45	40	36	50	0	30	33	28	0	21	22	45	52	43	51	50	43	0	0	0	0	43	44	21	34	20	21	40	49	43	34		
G378	718-722 Victoria Road Ermington			G	Residential	57	52	45	40	37	51	0	32	35	30	0	26	27	41	48	39	47	46	39	0	0	0	0	32	33	22	35	21	22	41	50	44	35		
G379	718-722 Victoria Road Ermington			G	Residential	57	52	45	40	24	38	0	22	25	20	0	22	23	27	34	25	33	32	25	0	0	0	0	20	21	12	25	11	12	23	32	26	17		
G380	718-722 Victoria Road Ermington			G	Residential	57	52	45	40	19	33	0	26	29	24	0	22	23	27	34	25	33	32	25	0	0	0	0	20	21	12	25	11	12	26	35	29	20		
G381	718-722 Victoria Road Ermington			G	Residential	57	52	45	40	24	38	0	25	28	23	0	22	23	33	40	31	39	38	31	0	0	0	0	30	31	16	29	15	16	32	41	35	26		
G382	718-722 Victoria Road Ermington			G	Residential	57	52	45	40	38	52	0	29	32	27	0	26	27	41	48	39	47	46	39	0	0	0	0	29	30	22	35	21	22	42	51	45	36		
G383	730 Victoria Road Ermington			G	Residential	57	52	45	40	18	32	0	37	40	35	0	18	19	40	47	38	46	45	38	0	0	0	0	38	39	22	35	21	22	40	49	43	34		
G384	732 Victoria Road Ermington			G	Residential	57	52	45	40	16	30	0	22	25	20	0	19	20	41	48	39	47	46	39	0	0	0	0	38	39	16	29	15	16	40	49	43	34		
G385	742 Victoria Road Ermington	KFC Ermington		G	Commercial	70	0	0	0	14	28	0	18	21	16	0	15	16	21	28	19	27	26	19	0	0	0	0	18	19	12	25	11	12	21	30	24	15		
G386	1 Watson Street Ermington			G	Residential	57	52	45	40	26	40	24	33	36	31	17	31	32	35	42	33	41	40	33	20	16	25	16	30	31	28	41	27	28	35	44	38	29		
G387	10 Watson Street Ermington			G	Residential	57	52	45	40	27	41	18	34	37	32	12	32	33	33	40	31	39	38	31	13	9	18	9	30	31	28	41	27	28	31	40	34	25		
G388	12 Watson Street Ermington			G	Residential	57	52	45	40	26	40	27	33	36	31	23	30	31	32	39	30	38	37	30	23	19	28	19	30	31	27	40	26	27	31	40	34	25		
G389	14 Watson Street Ermington			G	Residential	57	52	45	40	19	33	30	27	30	25	24	19	20	36	43	34	42	41	34	24	20	29	20	20	21	23	36	22	23	35	44	38	29		
G390	16 Watson Street Ermington			G	Residential	57	52	45	40	24	38	16	23	26	21	10	29	30	33	40	31	39	38	31	11	7	16	7	29	30	17	30	16	17	33	42	36	27		
G391	18 Watson Street Ermington			G	Residential	57	52	45	40	24	38	23	32	35	30	15	28	29	33	40	31	39	38	31	19	15	24	15	31	32	27	40	26	27	32	41	35	26		
G392	2 Watson Street Ermington			G	Residential	57	52	45	40	29	43	30	31	34	29	26	29	30	35	42	33	41	40	33	25	21	30	21	33	34	27	40	26	27	34	43	37	28		
G393	20 Watson Street Ermington			G	Residential	57	52	45	40	25	39	15	31	34	29	11	28	29	30	37	28	36	35	28	13	9	18	9	28	29	27	40	26	27	30	39	33	24		
G394	3 Watson Street Ermington			G	Residential	57	52	45	40	25	39	23	32	35	30	14	30	31	31	38	29	37	36	29	17	13	22	13	29	30	27	40	26	27	30	39	33	24		
G395	6 Watson Street Ermington			G	Residential	57	52	45	40	24	38	29	31	34	29	24	25	26	34	41	32	40	39	32	24	20	29	20	28	29	25	38	24	25	33	42	36	27		
G396	6 Watson Street Ermington			G	Residential	57	52	45	40	28	42	29	35	38	33	24	32	33	34	41	32	40	39	32	24	20	29	20	32	33	27	40	26	27	32	41	35	26		
G397	7 Watson Street Ermington			G	Residential	57	52	45	40	18	32	28	25	28	23	22	22	23	32	39	30	38	37	30	23	19	28	19	21	22	22	35	21	22	31	40	34	25		
G398	8 Watson Street Ermington			G	Residential	57	52	45	40	24	38	29	27	30	25	23	24	25	33	40	31	39	38	31	24	20	29	20	29	30	24	37	23	24	33	42	36	27		
G399	9-15 Watson Street Ermington			G	Residential	57	52	45	40	18	32	23	23	26	21	17	26	27	32	39	30	38	37	30	22	18	27	18	22	23	20	33	19	20	31	40	34	25		
G400	9-15 Watson Street Ermington			G	Residential	57	52	45	40	23	37	15	30	33	28	11	27	28	29	36	27	35	34	27	11	7	16	7	27	28	26	39	25	26	28	37	31	22		
G401	9-15 Watson Street Ermington			G	Residential	57	52	45	40	23	37	17	30	33	28	9	28	29	29	36	27	35	34	27	12	8	17	8	26	27	26	39	25	26	28	37	31	22		
G402	9-15 Watson Street Ermington			G	Residential	57	52	45	40	17	31	26	24	27	22	21	21	22	30	37	28	36	35	28	23	19	28	19	22	23	21	34	20	21	29	38	32	23		
G403	9-15 Watson Street Ermington			G	Residential	57	52	45	40	28	42	28	28	31	26	22	24	25	35	42	33	41	40	33	23	19	28	19	33	34	26	39	25	26	35	44	38	29		
G404	9-15 Watson Street Ermington			G	Residential	57	52	45	40	17	31	28	23	26	21	21	22	23	30	37	28	36	35	28	23	19	28	19	20	21	18	31	17	18	29	38	32	23		
G405	1 Wentworth Street Ermington			G	Residential	57	52	45	40	28	42	30	35	38	33	26	28	29	33	40	31	39	38	31	24	20	29	20	30	31	31	44	30	31	32	41	35	26		
G406	10 Wentworth Street Ermington			G	Residential	57	52	45	40	21	35	17	28	31	26	11	26	27	37	44	35	43	42	35	12	8	17	8	29	30	25	38	24	25	36	45	39	30		
G407	11 Wentworth Street Ermington			G	Residential	57	52	45	40	21	35	29	33	36	31	24	22	23	39	46	37	45	44	37	24	20	29	20	22	23	27	40	26	27	39	48	42	33		
G408	12 Wentworth Street Ermington			G	Residential	57	52	45	40	25	39	30	32	35	30	27	28	29	32	39	30	38	37	30	24	20	29	20	29	30	29	42	28	29	31	40	34	25		
G409	13 Wentworth Street Ermington			G	Residential	57	52	45	40	19	33	29	28	31	26	23	19	20	39	46	37	45	44	37	24	20	29	20	23	24	25	38	24	25	38	47	41	32		
G410	14 Wentworth Street Ermington			G	Residential	57	52	45	40	25	39	30	32	35	30	27	28	29	33	40	31	39	38	31	24	20	29	20	31	32	29	42	28	29	32	41	35	26		
G411	15 Wentworth Street Ermington			G	Residential	57	52	45	40	18	32	29	26	29	24	23	21	22	39	46	37	45	44	37	24	20	29	20	21	22	25	38	24	25	38	47	41	32		
G412	16 Wentworth Street Ermington			G	Residential	57	52	45	40	20	34	15	27	30	25	10	25	26	36	43	34	42	41	34	11	7	16	7	26	27	23	36	22	23	35	44	38	29		
G413	17 Wentworth Street Ermington			G	Residential	57	52	45	40	25	39	30	32	35	30	27	28	29	39	46	37	45	44	37	25	21	30	21	29	30	29	42	28	29	39	48	42	33		
G414	18 Wentworth Street Ermington			G	Residential	57	52	45	40	20	34	18	26	29	24	11	25	26	36	43	34	42	41	34	18	14	23	14	26	27	23	36	22	23	36	45	39	30		
G415	18 Wentworth Street Ermington			G	Residential	57	52	45	40	16	30	16	23	26	21	11	24	25	32	39	30	38	37	30	14	10	19	10	22	23	19	32	18	19	31	40	34	25		
G416	19 Wentworth Street Ermington			G	Residential	57	52	45	40	18	32	29	31	34	29	23	19	20	38	45	36	44	43	36	24	20	29	20	20	21	28	41	27	28	37	46	40	31		
G417	20 Wentworth Street Ermington			G	Residential	57	52	45	40	19	33	24	25	28	23	15	23	24	37	44	35	43	42	35	18	14	23	14	24	25	21	34	20	21	36	45	39	30		
G418	21 Wentworth Street Ermington			G	Residential	57	52	45	40	19	33	29	26	29	24	22	19	20	38	45	36	44	43	36	24	20	29	20	20	21	23	36	22	23	37	46	40	31		
G419	22 Wentworth Street Ermington			G	Residential	57	52	45	40	24	38	29	31	34	29	26	27	28	30	37	28	36	35	28	23	19	28	19	28	29	22	35	21	22	29	38	32	23		
G420	23 Wentworth Street Ermington			G	Residential	57	52	45	40	16	30	27	25	28	23	22	19	20	38	45	36	44	43	36	24	20	29	20	20	21	22	35	21	22	37	46	40	31		
G421	24 Wentworth Street Ermington			G	Residential	57	52	45	40	24	38	29	32	35	30	25	27	28	30	37	28	36	35	28	24	20	29	20	21	22	28	41	27	28	30	39	33	24		
G422	25 Wentworth Street Ermington			G	Residential	57	52	45	40	24	38	29	32	35	30	26	27	28	37	44	35	43	42	35	24	20	29	20	28	29	28	41	27	28	37	46	40	31		
G423	25 Wentworth Street Ermington			G	Residential	57	52	45	40	24	38	29	31	34	29	26	27	28	30	37	28	36	35	28	24	20	29	20	28	29	28	41	27	28	30	39	33	24		
G424	26 Wentworth Street Ermington			G	Residential	57	52	45	40	22	36	30	27	30	25	25	25	26	30	37	28	36	35	28	25	21	30	21	27	28	25	38	24	25	31	40	34	25		
G425	3 Wentworth Street Ermington			G	Residential	57	52	45	40	28	42	29	34	37	32	25	20	21	40	47	38	46	45	38	24	20	29	20	25	26	32	45	31	32	39	48	42	33		
G426	5 Wentworth Street Ermington			G	Residential	57	52	45	40	28	42	27	33	36	31	20	20	21	35	42	33	41	40	33	23	19	28	19	24	25	32	45	31	32	32	41	35	26		
G427	6 Wentworth Street Ermington			G	Residential	57	52	45	40	23	37	15	29	32	27	10	26	27	36	43	34	42	41	34	11	7	16	7	28	29	26	39	25	26	35	44	38	29		
G428	6 Wentworth Street Ermington	Uniting Church in Australia		G	Place of worship	55	0	0	0	25	39	17	32	35	30	10	29	30	42	49	40	48	47	40	18	14	23	14	32	33	28	41	27	28	41	50	44	35		
G429	7 Wentworth Street Ermington			G	Residential	57	52	45	40	25	39	30	32	35	30	26	28	29	32	39	30	38	37	30	24	20	29	20	29	30	28	41	27	28	39	48	42	33		
G430	8 Wentworth Street Ermington			G	Residential	57	52	45	40	21	35	17	27	30	25	11	29	30	38	45	36	44	43	36	14	10	19	10	32	33	24	37	23	24	37	46	40	31		
G431	9 Wentworth Street Ermington			G	Residential	57	52	45	40	25	39	30	32	35	30	26	28	29	32	39	30	38	37	30	24	20	29	20	30	31	28	41	27	28	32	41	35	26		
G432	1 William Street Ermington			G	Residential	57	52	45	40	34	48	15	40	43	38	8	34	35	44	51	42	50	49	42	0	0	0	0	38	39	31	44	30	31	44	53	47	38		
G433	2 William Street Ermington			G	Residential	57	52	45	40	36	50	0	23	26	21	0	20	21	39	46	37	45	44	37	0	0	0	0	37	38	17	30	16	17	38	47	41	32		
G434	4 William Street Ermington			G	Residential	57	52	45	40	31	45	0	22	25	20	0	18	19	40	47	38	46	45	38	0	0	0	0	38	39	19	32	18	19	39	48	42	33		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
G435	5 William Street Ermington			G	Residential	57	52	45	40	35	49	21	39	42	37	19	37	38	40	47	38	46	45	38	0	0	0	0	33	34	21	34	20	21	38	47	41	32		
G436	6 William Street Ermington			G	Residential	57	52	45	40	32	46	0	39	42	37	0	36	37	38	45	36	44	43	36	0	0	0	0	35	36	27	40	26	27	38	47	41	32		
G437	7 William Street Ermington			G	Residential	57	52	45	40	26	40	0	35	38	33	16	30	31	39	46	37	45	44	37	0	0	0	0	37	38	30	43	29	30	38	47	41	32		
G438	7 William Street Ermington			G	Residential	57	52	45	40	27	41	0	35	38	33	16	30	31	39	46	37	45	44	37	0	0	0	0	37	38	29	42	28	29	38	47	41	32		
G439	1 Christina Street Rydalmere			G	Residential	57	52	45	40	24	38	23	32	35	30	19	26	27	35	42	33	41	40	33	19	15	24	15	27	28	33	46	32	33	34	43	37	28		
G440	2 Christina Street Rydalmere			G	Residential	57	52	45	40	30	44	27	37	40	35	22	26	27	35	42	33	41	40	33	21	17	26	17	33	34	34	47	33	34	35	44	38	29		
G441	3 Christina Street Rydalmere			G	Residential	57	52	45	40	28	42	37	33	36	31	33	29	30	34	41	32	40	39	32	28	24	33	24	28	29	31	44	30	31	33	42	36	27		
G442	4 Christina Street Rydalmere			G	Residential	57	52	45	40	27	41	25	36	39	34	18	27	28	35	42	33	41	40	33	20	16	25	16	31	32	33	46	32	33	35	44	38	29		
G443	5 Christina Street Rydalmere			G	Residential	57	52	45	40	24	38	38	32	35	30	33	27	28	31	38	29	37	36	29	31	27	36	27	23	24	21	34	20	21	30	39	33	24		
G444	6 Christina Street Rydalmere			G	Residential	57	52	45	40	25	39	25	35	38	33	21	23	24	35	42	33	41	40	33	19	15	24	15	28	29	33	46	32	33	34	43	37	28		
G445	7 Christina Street Rydalmere			G	Residential	57	52	45	40	25	39	38	32	35	30	33	28	29	33	40	31	39	38	31	31	27	36	27	23	24	19	32	18	19	32	41	35	26		
G446	8 Christina Street Rydalmere			G	Residential	57	52	45	40	21	35	24	27	30	25	20	20	21	29	36	27	35	34	27	18	14	23	14	24	25	23	36	22	23	29	38	32	23		
G447	2 Elm Place Rydalmere			G	Residential	57	52	45	40	27	41	32	37	40	35	27	23	24	36	43	34	42	41	34	27	23	32	23	30	31	34	47	33	34	35	44	38	29		
G448	3 Elm Place Rydalmere			G	Residential	57	52	45	40	29	43	33	36	39	34	29	22	23	36	43	34	42	41	34	16	12	21	12	32	33	34	47	33	34	35	44	38	29		
G449	5 Elm Place Rydalmere			G	Residential	57	52	45	40	23	37	34	30	33	28	30	26	27	32	39	30	38	37	30	31	27	36	27	23	24	23	36	22	23	31	40	34	25		
G450	6 Elm Place Rydalmere			G	Residential	57	52	45	40	23	37	34	30	33	28	30	26	27	29	36	27	35	34	27	30	26	35	26	20	21	17	30	16	17	28	37	31	22		
G451	7 Elm Place Rydalmere			G	Residential	57	52	45	40	19	33	31	32	35	30	26	22	23	32	39	30	38	37	30	27	23	32	23	23	24	29	42	28	29	31	40	34	25		
G452	1 Finch Avenue Rydalmere			G	Residential	57	52	45	40	19	33	24	29	32	27	20	22	23	30	37	28	36	35	28	19	15	24	15	23	24	26	39	25	26	30	39	33	24		
G453	10 Finch Avenue Rydalmere			G	Residential	57	52	45	40	19	33	28	26	29	24	23	19	20	32	39	30	38	37	30	25	21	30	21	21	22	23	36	22	23	32	41	35	26		
G454	11 Finch Avenue Rydalmere			G	Residential	57	52	45	40	25	39	38	34	37	32	34	28	29	32	39	30	38	37	30	30	26	35	26	28	29	28	41	27	28	32	41	35	26		
G455	12 Finch Avenue Rydalmere			G	Residential	57	52	45	40	22	36	22	29	32	27	18	21	22	28	35	26	34	33	26	17	13	22	13	26	27	23	36	22	23	28	37	31	22		
G456	13 Finch Avenue Rydalmere			G	Residential	57	52	45	40	24	38	38	32	35	30	33	27	28	32	39	30	38	37	30	30	26	35	26	24	25	27	40	26	27	31	40	34	25		
G457	14 Finch Avenue Rydalmere			G	Residential	57	52	45	40	22	36	21	29	32	27	17	24	25	30	37	28	36	35	28	16	12	21	12	25	26	26	39	25	26	30	39	33	24		
G458	15 Finch Avenue Rydalmere			G	Residential	57	52	45	40	24	38	37	34	37	32	32	27	28	31	38	29	37	36	29	30	26	35	26	28	29	31	44	30	31	32	41	35	26		
G459	16 Finch Avenue Rydalmere			G	Residential	57	52	45	40	24	38	39	34	37	32	33	29	30	30	37	28	36	35	28	32	28	37	28	25	26	27	40	26	27	32	41	35	26		
G460	16 Finch Avenue Rydalmere			G	Residential	57	52	45	40	18	32	19	24	27	22	15	21	22	25	32	23	31	30	23	15	11	20	11	22	23	21	34	20	21	25	34	28	19		
G461	17 Finch Avenue Rydalmere			G	Residential	57	52	45	40	30	44	40	36	39	34	36	32	33	37	44	35	43	42	35	32	28	37	28	31	32	35	48	34	35	35	44	38	29		
G462	18 Finch Avenue Rydalmere			G	Residential	57	52	45	40	24	38	37	32	35	30	33	27	28	32	39	30	38	37	30	30	26	35	26	24	25	25	38	24	25	31	40	34	25		
G463	18 Finch Avenue Rydalmere			G	Residential	57	52	45	40	19	33	29	25	28	23	25	22	23	25	32	23	31	30	23	26	22	31	22	23	24	23	36	22	23	25	34	28	19		
G464	2 Finch Avenue Rydalmere			G	Residential	57	52	45	40	20	34	33	27	30	25	27	23	24	26	33	24	32	31	24	27	23	32	23	21	22	20	33	19	20	26	35	29	20		
G465	2 Finch Avenue Rydalmere			G	Residential	57	52	45	40	19	33	21	26	29	24	16	21	22	30	37	28	36	35	28	15	11	20	11	21	22	24	37	23	24	30	39	33	24		
G466	20 Finch Avenue Rydalmere			G	Residential	57	52	45	40	29	43	37	36	39	34	33	27	28	35	42	33	41	40	33	30	26	35	26	29	30	34	47	33	34	35	44	38	29		
G467	3 Finch Avenue Rydalmere			G	Residential	57	52	45	40	24	38	27	29	32	27	22	21	22	30	37	28	36	35	28	23	19	28	19	24	25	28	41	27	28	29	38	32	23		
G468	4 Finch Avenue Rydalmere			G	Residential	57	52	45	40	24	38	36	31	34	29	32	26	27	30	37	28	36	35	28	29	25	34	25	22	23	23	36	22	23	29	38	32	23		
G469	5 Finch Avenue Rydalmere			G	Residential	57	52	45	40	23	37	25	30	33	28	21	22	23	30	37	28	36	35	28	21	17	26	17	27	28	24	37	23	24	29	38	32	23		
G470	6 Finch Avenue Rydalmere			G	Residential	57	52	45	40	22	36	35	29	32	27	31	25	26	28	35	26	34	33	26	29	25	34	25	22	23	23	36	22	23	27	36	30	21		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
G772	430 Victoria Road Rydalmere			G	Residential	57	52	45	40	37	51	32	43	46	41	28	39	40	43	50	41	49	48	41	26	22	31	22	40	41	40	53	39	40	46	55	49	40		
G773	430 Victoria Road Rydalmere			G	Residential	57	52	45	40	25	39	29	33	36	31	24	24	25	37	44	35	43	42	35	24	20	29	20	28	29	34	47	33	34	36	45	39	30		
G774	436 Victoria Road Rydalmere			G	Residential	57	52	45	40	34	48	38	41	44	39	34	36	37	40	47	38	46	45	38	31	27	36	27	35	36	38	51	37	38	40	49	43	34		
G775	440 Victoria Road Rydalmere			G	Residential	57	52	45	40	39	53	36	41	44	39	32	41	42	43	50	41	49	48	41	29	25	34	25	35	36	41	54	40	41	45	54	48	39		
G776	442 Victoria Road Rydalmere			G	Residential	57	52	45	40	39	53	41	41	44	39	37	40	41	43	50	41	49	48	41	32	28	37	28	35	36	41	54	40	41	45	54	48	39		
G777	444 Victoria Road Rydalmere			G	Residential	57	52	45	40	31	45	40	39	42	37	35	33	34	38	45	36	44	43	36	32	28	37	28	31	32	36	49	35	36	39	48	42	33		
G778	446 Victoria Road Rydalmere			G	Residential	57	52	45	40	39	53	38	44	47	42	33	27	28	45	52	43	51	50	43	31	27	36	27	29	30	30	43	29	30	44	53	47	38		
G779	452 Victoria Road Rydalmere			G	Residential	57	52	45	40	37	51	39	43	46	41	35	32	33	43	50	41	49	48	41	32	28	37	28	41	42	40	53	39	40	43	52	46	37		
G780	454 Victoria Road Rydalmere			G	Residential	57	52	45	40	32	46	41	38	41	36	36	30	31	38	45	36	44	43	36	33	29	38	29	35	36	35	48	34	35	37	46	40	31		
G781	456 Victoria Road Rydalmere			G	Residential	57	52	45	40	28	42	38	35	38	33	32	30	31	36	43	34	42	41	34	31	27	36	27	32	33	34	47	33	34	37	46	40	31		
G782	456 Victoria Road Rydalmere			G	Residential	57	52	45	40	26	40	40	34	37	32	36	31	32	35	42	33	41	40	33	33	29	38	29	27	28	25	38	24	25	34	43	37	28		
G783	458 Victoria Road Rydalmere			G	Residential	57	52	45	40	28	42	40	40	43	38	36	30	31	37	44	35	43	42	35	31	27	36	27	31	32	36	49	35	36	37	46	40	31		
G784	460 Victoria Road Rydalmere			G	Residential	57	52	45	40	29	43	32	39	42	37	28	31	32	38	45	36	44	43	36	26	22	31	22	33	34	36	49	35	36	37	46	40	31		
G785	462 Victoria Road Rydalmere			G	Residential	57	52	45	40	26	40	40	36	39	34	36	29	30	42	49	40	48	47	40	31	27	36	27	29	30	27	40	26	27	41	50	44	35		
G786	466 Victoria Road Rydalmere			G	Residential	57	52	45	40	26	40	39	40	43	38	36	29	30	38	45	36	44	43	36	32	28	37	28	28	29	33	46	32	33	40	49	43	34		
G787	468 Victoria Road Rydalmere			G	Residential	57	52	45	40	28	42	29	40	43	38	24	31	32	38	45	36	44	43	36	23	19	28	19	30	31	38	51	37	38	38	47	41	32		
G788	470 Victoria Road Rydalmere			G	Residential	57	52	45	40	27	41	39	37	40	35	36	30	31	36	43	34	42	41	34	31	27	36	27	30	31	34	47	33	34	35	44	38	29		
G789	474 Victoria Road Rydalmere			G	Residential	57	52	45	40	26	40	40	38	41	36	37	30	31	39	46	37	45	44	37	32	28	37	28	28	29	37	50	36	37	38	47	41	32		
G790	476 Victoria Road Rydalmere			G	Residential	57	52	45	40	26	40	24	34	37	32	19	30	31	39	46	37	45	44	37	26	22	31	22	30	31	31	44	30	31	39	48	42	33		
G791	478 Victoria Road Rydalmere			G	Residential	57	52	45	40	27	41	39	36	39	34	35	28	29	39	46	37	45	44	37	31	27	36	27	29	30	31	44	30	31	39	48	42	33		
G792	480 Victoria Road Rydalmere			G	Residential	57	52	45	40	26	40	38	38	41	36	35	29	30	39	46	37	45	44	37	31	27	36	27	29	30	33	46	32	33	39	48	42	33		
G793	482 Victoria Road Rydalmere			G	Residential	57	52	45	40	28	42	40	36	39	34	36	30	31	35	42	33	41	40	33	33	29	38	29	29	30	35	48	34	35	34	43	37	28		
G794	484 Victoria Road Rydalmere			G	Residential	57	52	45	40	26	40	28	33	36	31	24	23	24	31	38	29	37	36	29	23	19	28	19	29	30	29	42	28	29	31	40	34	25		
G795	486 Victoria Road Rydalmere			G	Residential	57	52	45	40	27	41	38	32	35	30	34	27	28	33	40	31	39	38	31	30	26	35	26	29	30	31	44	30	31	34	43	37	28		
G796	488 Victoria Road Rydalmere			G	Residential	57	52	45	40	27	41	23	33	36	31	19	22	23	32	39	30	38	37	30	17	13	22	13	30	31	31	44	30	31	32	41	35	26		
G797	490 Victoria Road Rydalmere			G	Residential	57	52	45	40	27	41	32	34	37	32	18	22	23	33	40	31	39	38	31	27	23	32	23	31	32	30	43	29	30	32	41	35	26		
G798	494 Victoria Road Rydalmere			G	Residential	57	52	45	40	27	41	37	34	37	32	34	27	28	33	40	31	39	38	31	30	26	35	26	31	32	31	44	30	31	32	41	35	26		
G799	496 Victoria Road Rydalmere			G	Residential	57	52	45	40	32	46	36	39	42	37	32	27	28	38	45	36	44	43	36	30	26	35	26	36	37	30	43	29	30	37	46	40	31		
G800	498 Victoria Road Rydalmere			G	Residential	57	52	45	40	31	45	36	34	37	32	32	26	27	38	45	36	44	43	36	30	26	35	26	31	32	35	48	34	35	38	47	41	32		
G801	500 Victoria Road Rydalmere			G	Residential	57	52	45	40	28	42	37	35	38	33	33	27	28	33	40	31	39	38	31	29	25	34	25	30	31	31	44	30	31	32	41	35	26		
G802	500 Victoria Road Rydalmere			G	Residential	57	52	45	40	31	45	19	38	41	36	15	21	22	37	44	35	43	42	35	14	10	19	10	35	36	30	43	29	30	36	45	39	30		
G803	502-512 Victoria Road Rydalmere			G	Residential	57	52	45	40	32	46	37	39	42	37	33	31	32	38	45	36	44	43	36	30	26	35	26	36	37	36	49	35	36	37	46	40	31		
G804	502-512 Victoria Road Rydalmere			G	Residential	57	52	45	40	29	43	34	41	44	39	33	31	32	40	47	38	46	45	38	29	25	34	25	32	33	38	51	37	38	40	49	43	34		
G805	514-524 Victoria Road Rydalmere			G	Residential	57	52	45	40	30	44	22	34	37	32	18	20	21	37	44	35	43	42	35	18	14	23	14	23	24	35	48	34	35	36	45	39	30		
G806	514-524 Victoria Road Rydalmere			G	Residential	57	52	45	40	35	49	36	36	39	34	32	27	28	40	47	38	46	45	38	29	25	34	25	29	30	39	52	38	39	36	45	39	30		
G807	514-524 Victoria Road Rydalmere			G	Residential	57	52	45	40	24	38	32	35	38	33	30	23	24	38	45	36	44	43	36	29	25	34	25	28	29	33	46	32	33	37	46	40	31		
G808	1 Wattle Street Rydalmere			G	Residential	57	52	45	40	30	44	34	37	40	35	29	32	33	36	43	34	42	41	34	29	25	34	25	28	29	34	47	33	34	37	46	40	31		
G809	10 Wattle Street Rydalmere			G	Residential	57	52	45	40	28	42	37	37	40	35	32	28	29	36	43	34	42	41	34	32	28	37	28	31	32	32	45	31	32	36	45	39	30		
G810	11 Wattle Street Rydalmere			G	Residential	57	52	45	40	33	47	22	39	42	37	18	27	28	39	46	37	45	44	37	16	12	21	12	37	38	34	47	33	34	39	48	42	33		
G811	12 Wattle Street Rydalmere			G	Residential	57	52	45	40	25	39	32	35	38	33	28	27	28	37	44	35	43	42	35	28	24	33	24	29	30	36	49	35	36	37	46	40	31		
G812	13 Wattle Street Rydalmere			G	Residential	57	52	45	40	28	42	37	35	38	33	32	26	27	35	42	33	41	40	33	31	27	36	27	30	31	33	46	32	33	34	43	37	28		
G813	15 Wattle Street Rydalmere			G	Residential	57	52	45	40	24	38	35	31	34	29	29	24	25	34	41	32	40	39	32	30	26	35	26	28	29	28	41	27	28	33	42	36	27		
G814	16 Wattle Street Rydalmere			G	Residential	57	52	45	40	23	37	37	35	38	33	32	27	28	34	41	32	40	39	32	31	27	36	27	25	26	32	45	31	32	33	42	36	27		
G815	17 Wattle Street Rydalmere			G	Residential	57	52	45	40	23	37	35	31	34	29	31	26	27	32	39	30	38	37	30	31	27	36	27	23	24	28	41	27	28	31	40	34	25		
G816	17 Wattle Street Rydalmere			G	Residential	57	52	45	40	23	37	37	30	33	28	31	26	27	29	36	27	35	34	27	31	27	36	27	22	23	19	32	18	19	28	37	31	22		
G817	2 Wattle Street Rydalmere			G	Residential	57	52	45	40	30	44	27	37	40	35	23	32	33	36	43	34	42	41	34	24	20	29	20	28	29	34	47	33	34	36	45	39	30		
G818	20 Wattle Street Rydalmere			G	Residential	57	52	45	40	29	43	24	37	40	35	20	28	29	36	43	34	42	41	34	19	15	24	15	32	33	34	47	33	34	35	44	38	29		
G819	21 Wattle Street Rydalmere			G	Residential	57	52	45	40	27	41	35	34	37	32	30	26	27	33	40	31	39	38	31	31	27	36	27	30	31	27	40	26	27	33	42	36	27		
G820	22 Wattle Street Rydalmere			G	Residential	57	52	45	40	27	41	35	36	39	34	30	25	26	35	42	33	41	40	33	31	27	36	27	30	31	33	46	32	33	34	43	37	28		
G821	23 Wattle Street Rydalmere			G	Residential	57	52	45	40	22	36	33	37	40	35	29	24	25	36	43	34	42	41	34	23	19	28	19	19	20	35	48	34	35	36	45	39	30		
G822	23 Wattle Street Rydalmere			G	Residential	57	52	45	40	16	30	20	23	26	21	15	19	20	33	40	31	39	38	31	22	18	27	18	20	21	19	32	18	19	32	41	35	26		
G823	23 Wattle Street Rydalmere			G	Residential	57	52	45	40	28	42	25	36	39	34	21	22	23	34	41	32	40	39	32	20	16	25	16	32	33	27	40	26	27	33	42	36	27		
G824	23 Wattle Street Rydalmere			G	Residential	57	52	45	40	16	30	39	22	25	20	22	17	18	31	38	29	37	36	29	31	27	36	27	23	24	18	31	17	18	30	39	33	24		
G825	23 Wattle Street Rydalmere			G	Residential	57	52	45	40	21	35	25	26	29	24	22	21	22	33	40	31	39	38	31	20	16	25	16	24	25	22	35	21	22	32	41	35	26		
G826	23 Wattle Street Rydalmere			G	Residential	57	52	45	40	24	38	32	32	35	30	17	21	22	34	41	32	40	39	32	27	23	32	23	28	29	28	41	27	28	33	42	36	27		
G827	24 Wattle Street Rydalmere			G	Residential	57	52	45	40	21	35	26	32	35	30	22	21	22	34	41	32	40	39	32	21	17	26	17	24	25	29	42	28	29	33	42	36	27		
G828	25 Wattle Street Rydalmere			G	Residential	57	52	45	40	23	37	38	36	39	34	30	25	26	35	42	33	41	40	33	32	28	37	28	26	27	32	45	31	32	34	43	37	28		
G829	26 Wattle Street Rydalmere			G	Residential	57	52	45	40	21	35	36	34	37	32	28	24	25	34	41	32	40	39	32	30	26	35	26	25	26	30	43	29	30	33	42	36	27		
G830	27 Wattle Street Rydalmere			G	Residential	57	52	45	40	23	37	35	32	35	30	27	22	23	33	40	31	39	38	31	30	26	35	26	26	27	29	42	28	29	32	41	35	26		
G831	28 Wattle Street Rydalmere			G	Residential	57	52	45	40	19	33	32	35	38	33	27	22	23	34	41	32	40	39	32	26	22	31	22	22	23	33	46	32	33	34	43	37	28		
G832	29 Wattle Street Rydalmere			G	Residential	57	52	45	40	26	40	36	32	35	30	25	21	22	32	39	30	38	37	30	31	27	36	27	30	31	29	42	28	29	31	40	34	25		
G833	3 Wattle Street Rydalmere			G	Residential	57	52	45	40	30	44	32	37	40	35	27	32	33	35	42	33	41	40	33	28	24	33	24	26	27	33	46	32	33	35	44	38	29		
G834	3 Wattle Street Rydalmere			G	Residential	57	52	45	40	24	38	27	30	33	28	22	25	26	29	36	27	35	34	27	23	19	28	19	25	26	26	39	25	26	29	38	32	23		
G835	30 Wattle Street Rydalmere			G	Residential	57	52	45	40	26	40	36	35	38	33	32	28	29	35	42	33	41	40	33	31	27	36	27	29	30	33	46	32	33	34	43	37	28		
G836	32 Wattle Street Rydalmere			G	Residential	57	52	45	40	28	42	24	36	39	34	19	21	22	34	41	32	40	39	32	17	13	22	13	32	33	28	41	27	28	34	43	37	28		
G837	34 Wattle Street Rydalmere			G	Residential	57	52	45	40	19	33	26	36	39	34	21	20	21	35	42	33	41	40	33	20	16	25	16	23	24	34	47	33	34	35	44	38	29		
G838	38 Wattle Street Rydalmere			G	Residential	57	52	45	40	28	42	34	35	38	33	20	21	22	34	41	32	40	39	32	28	24	33	24	32	33	32	45	31	32	33	42	36	27		
G839	38 Wattle Street Rydalmere			G	Residential	57	52	45	40	20	34	33	36	39	34	29	25	26	36	43	34	42	41	34	28	24	33	24	23	24	34	47	33	34	35	44	38	29		
G840	4 Wattle Street Rydalmere			G	Residential	57	52	45	40	30	44	27	37	40	35	18	32	33	35	42	33	41	40	33	20	16	25	16	28	29	34	47	33	34	36	45	39	30		
G841	40 Wattle Street Rydalmere			G	Residential	57	52	45	40	27	41	38	35	38	33	35	30	31	33	40	31	39	38	31	24	20	29	20	19	20	17	30	16	17	32	41	35	26		
G842	40 Wattle Street Rydalmere			G	Residential	57	52	45	40	24	38	36	30	33	28	27	22	23	34	41	32	40	39	32	30	26	35	26	27	28	27	40	26	27	33	42	36	27		
G843	44 Wattle Street Rydalmere			G	Residential	57	52	45	40	27	41	42	35	38	33	35	30	31	34	41	32	40	39	32	34	30	39	30	26	27	30	43	29	30	33	42	36	27		
G844	44 Wattle Street Rydalmere			G	Residential	57	52	45	40	25	39	42	34	37	32	32	28	29	34	41	32	40	39	32	33	29	38	29	26	27	24	37	23	24	32	41	35	26		
G845	46 Wattle Street Rydalmere			G	Residential	57	52	45	40	27	41	42	36	39	34	34	30	31	36	43	34	42	41	34	33	29	38	29	27	28	34	47	33	34	35	44	38	29		
G846	5-7 Wattle Street Rydalmere			G	Residential	57	52	45	40	27	41	36	34	37	32	29	25	26	34	41	32	40	39	32	31	27	36	27	28	29	34	47	33	34	34	43	37	28		
G847	6 Wattle Street Rydalmere			G	Residential	57	52	45	40	32	46	22	39	42	37	18	34	35	38	45	36	44	43	36	16	12	21	12	31	32	36	49	35	36	38	47	41	32		
G848	8 Wattle Street Rydalmere			G	Residential	57	52	45	40	21	35	20	31	34	29	16	22	23	34	41	32	40	39	32	13	9	18	9	24	25	32	45	31	32	33	42	36	27		
G849	9 Wattle Street Rydalmere			G	Residential	57	52	45	40	23	37	36	31	34	29	29	27	28	34	41	32	40	39	32	30	26	35	26	27	28	28	41	27	28	33	42	36	27		
H001		Ermington Community Centre		H	Commercial	70	0	0	0	39	53	17	37	40	35	13	33	34	45	52	43	51	50	43	12	8	17	8	35	36	43	56	42	43	46	55	49	40		
H002				H	Residential	57	52	50	41	44	58	23	38	41	36	16	27	28	50	57	48	56	55	48	17	13	22	13	39	40	34	47	33	34	51	60	54	45		
H003	1 Allambie Street Ermington			H	Residential	57	52	50	41	43	57	25	50	53	48	21	28	29	49	56	47	55	54	47	18	14	23	14	45	46	43	56	42	43	48	57	51	42		
H004	17 Allura Crescent Ermington			H	Residential	57	52	50	41	41	55	32	60	63	58	28	29	30	56	63	54	62	61	54	26	22	31	22	44	45	47	60	46	47	50	59	53	44		
H005	27 Allura Crescent Ermington			H	Residential	57	52	50	41	39	53	33	62	65	60	28	30	31	57	64	55	63	62	55	28	24	33	24	42	43	55	68	54	55	49	58	52	43		
H006	31 Allura Crescent Ermington			H	Residential	57	52	50	41	41	55	32	63	66	61	28	30	31	59	66	57	65	64	57	27	23	32	23	44	45	57	70	56	57	49	58	52	43		
H007	33 Allura Crescent Ermington			H	Residential	57	52	50	41	53	67	32	65	68	63	29	25	26	60	67	58	66	65	58	27	23	32	23	44	45	58	71	57	58	61	70	64	55		
H008	39 Allura Crescent Ermington			H	Residential	57	52	50	41	54	68	31	63	66	61	28	29	30	60	67	58	66	65	58	25	21	30	21	45	46	58	71	57	58	63	72	66	57		
H009	41 Allura Crescent Ermington			H	Residential	57	52	50	41	54	68	32	63	66	61	29	31	32	60	67	58	66	65	58	27	23	32	23	45	46	58	71	57	58	63	72	66	57		
H010	7 Allura Crescent Ermington			H	Residential	57	52	50	41	39	53	31	55	58	53	27	26	27	52	59	50	58	57	50	25	21	30	21	43	44	45	58	44	45	46	55	49	40		
H011	1 Ashton Avenue Ermington			H	Residential	57	52	50	41	30	44	34	42	45	40	29	32	33	39	46	37	45	44	37	28	24	33	24	34	35	37	50	36	37	39	48	42	33		
H012	2 Ashton Avenue Ermington			H	Residential	57	52	50	41	29	43	33	38	41	36	30	30	31	38	45	36	44	43	36	28	24	33	24	33	34	36	49	35	36	37	46	40	31		
H013	3 Ashton Avenue Ermington			H	Residential	57	52	50	41	32	46	33	40	43	38	29	26	27	40	47	38	46	45	38	27	23	32	23	34	35	38	51	37	38	40	49	43	34		
H014	3 Ashton Avenue Ermington			H	Residential	57	52	50	41	30	44	29	37	40	35	18	19	20	37	44	35	43	42	35	27	23	32	23	31	32	35	48	34	35	36	45	39	30		
H015	4 Ashton Avenue Ermington			H	Residential	57	52	50	41	33	47	33	40	43	38	30	30	31	39	46	37	45	44	37	28	24	33	24	36	37	37	50	36	37	38	47	41	32		
H016	10 Broadoaks Street Ermington			H	Residential	57	52	50	41	41	55	16	39	42	37	12	28	29	48	55	46	54	53	46	12	8	17	8	35	36	42	55	41	42	48	57	51	42		
H017	12 Broadoaks Street Ermington			H	Residential	57	52	50	41	41	55	16	39	42	37	12	28	29	48	55	46	54	53	46	11	7	16	7	35	36	43	56	42	43	48	57	51	42		
H018	14 Broadoaks Street Ermington			H	Residential	57	52	50	41	41	55	15	39	42	37	11	27	28	48	55	46	54	53	46	11	7	16	7	36	37	42	55	41	42	48	57	51	42		
H019	16 Broadoaks Street Ermington			H	Residential	57	52	50	41	41	55	15	41	44	39	11	27	28	48	55	46	54	53	46	12	8	17	8	36	37	43	56	42	43	48	57	51	42		
H020	18 Broadoaks Street Ermington			H	Residential	57	52	50	41	42	56	14	39	42	37	10	27	28	48	55	46	54	53	46	9	5	14	5	36	37	35	48	34	35	49	58	52	43		
H021	2-8 Broadoaks Street Ermington			H	Residential	57	52	50	41	39	53	27	52	55	50	22	27	28	51	58	49	57	56	49	20	16	25	16	40	41	49	62	48	49	46	55	49	40		
H022	30 Broadoaks Street Ermington			H	Residential	57	52	50	41	45	59	15	39	42	37	11	26	27	50	57	48	56	55	48	9	5	14	5	34	35	48	61	47	48	52	61	55	46		
H023	32 Broadoaks Street Ermington			H	Residential	57	52	50	41	46	60	16	39	42	37	12	26	27	51	58	49	57	56	49	12	8	17	8	33	34	45	58	44	45	53	62	56	47		
H024	34 Broadoaks Street Ermington			H	Residential	57	52	50	41	47	61	17	37	40	35	13	32	33	54	61	52	60	59	52	14	10	19	10	33	34	37	50	36	37	53	62	56	47		
H025	36 Broadoaks Street Ermington			H	Residential	57	52	50	41	49	63	17	37	40	35	12	31	32	55	62	53	61	60	53	13	9	18	9	31	32	35	48	34	35	55	64	58	49		
H026	38 Broadoaks Street Ermington			H	Residential	57	52	50	41	34	48	31	57	60	55	25	20	21	57	64	55	63	62	55	24	20	29	20	35	36	55	68	54	55	44	53	47	38		
H027	40 Broadoaks Street Ermington			H	Residential	57	52	50	41	41	55	32	57	60	55	27	25	26	57	64	55	63	62	55	25	21	30	21	40	41	55	68	54	55	49	58	52	43		
H028	42 Broadoaks Street Ermington			H	Residential	57	52	50	41	42	56	29	58	61	56	25	22	23	57	64	55	63	62	55	24	20	29	20	33	34	55	68	54	55	48	57	51	42		
H029	44 Broadoaks Street Ermington			H	Residential	57	52	50	41	50	64	34	52	55	50	30	27	28	58	65	56	64	63	56	28	24	33	24	34	35	56	69	55	56	61	70	64	55		
H030	46 Broadoaks Street Ermington			H	Residential	57	52	50	41	55	69	31	62	65	60	28	30	31	60	67	58	66	65	58	26	22	31	22	45	46	58	71	57	58	63	72	66	57		
H031	46 Broadoaks Street Ermington			H	Residential	57	52	50	41	48	62	30	59	62	57	26	22	23	59	66	57	65	64	57	25	21	30	21	32	33	57	70	56	57	60	69	63	54		
H032	48 Bundarra Street Ermington			H	Residential	57	52	50	41	42	56	33	50	53	48	29	25	26	49	56	47	55	54	47	27	23	32	23	46	47	35	48	34	35	48	57	51	42		
H033	48-56 Bundarra Street Ermington			H	Residential	57	52	50	41	43	57	34	49	52	47	30	26	27	49	56	47	55	54	47	28	24	33	24	46	47	39	52	38	39	48	57	51	42		
H034	1 Coffey Street Ermington			H	Residential	57	52	50	41	53	67	25	45	48	43	20	28	29	60	67	58	66	65	58	21	17	26	17	28	29	49	62	48	49	60	69	63	54		
H035	10 Coffey Street Ermington			H	Residential	57	52	50	41	33	47	29	42	45	40	19	25	26	53	60	51	59	58	51	24	20	29	20	31	32	51	64	50	51	52	61	55	46		
H036	11 Coffey Street Ermington			H	Residential	57	52	50	41	50	64	17	68	71	66	12	31	32	62	69	60	68	67	60	19	15	24	15	37	38	55	68	54	55	55	64	58	49		X
H037	12 Coffey Street Ermington			H	Residential	57	52	50	41	43	57	29	46	49	44	21	33	34	50	57	48	56	55	48	29	25	34	25	38	39	48	61	47	48	52	61	55	46		
H038	13 Coffey Street Ermington			H	Residential	57	52	50	41	52	66	24	68	71	66	16	30	31	61	68	59	67	66	59	21	17	26	17	34	35	59	72	58	59	59	68	62	53		X
H039	14 Coffey Street Ermington			H	Residential	57	52	50	41	44	58	33	49	52	47	29	34	35	51	58	49	57	56	49	30	26	35	26	40	41	49	62	48	49	52	61	55	46		
H040	15 Coffey Street Ermington			H	Residential	57	52	50	41	38	52	16	60	63	58	11	32	33	55	62	53	61	60	53	24	20	29	20	39	40	44	57	43	44	49	58	52	43		X
H041	16 Coffey Street Ermington			H	Residential	57	52	50	41	45	59	33	48	51	46	23	22	23	52	59	50	58	57	50	30	26	35	26	38	39	50	63	49	50	53	62	56	47		
H042	17 Coffey Street Ermington			H	Residential	57	52	50	41	42	56	25	68	71	66	13	22	23	63	70	61	69	68	61	29	25	34	25	46	47	45	58	44	45	50	59	53	44		X
H043	19 Coffey Street Ermington			H	Residential	57	52	50	41	42	56	26	57	60	55	18	21	22	58	65	56	64	63	56	22	18	27	18	39	40	35	48	34	35	57	66	60	51		X
H044	20 Coffey Street Ermington			H	Residential	57	52	50	41	53	67	34	55	58	53	29	36	37	59	66	57	65	64	57	30	26	35	26	46	47	52	65	51	52	57	66	60	51		
H045	20 Coffey Street Ermington			H	Residential	57	52	50	41	47	61	33	51	54	49	28	34	35	53	60	51	59	58	51	30	26	35	26	39	40	51	64	50	51	54	63	57	48		
H046	21 Coffey Street Ermington			H	Residential	57	52	50	41	33	47	29	57	60	55	20	23	24	58	65	56	64	63	56	25	21	30	21	36	37	41	54	40	41	44	53	47	38		X
H047	22 Coffey Street Ermington			H	Residential	57	52	50	41	53	67	34	50	53	48	30	33	34	59	66	57	65	64	57	28	24	33	24	55	56	56	69	55	56	59	68	62	53		
H048	22 Coffey Street Ermington			H	Residential	57	52	50	41	54	68	35	61	64	59	31	31	32	61	68	59	67	66	59	29	25	34	25	58	59	57	70	56	57	60	69	63	54		
H049	23 Coffey Street Ermington			H	Residential	57	52	50	41	47	61	34	62	65	60	30	33	34	62	69	60	68	67	60	29	25	34	25	50	51	47	60	46	47	64	73	67	58		
H050	24 Coffey Street Ermington			H	Residential	57	52	50	41	57	71	35	57	60	55	32	32	33	63	70	61	69	68	61	31	27	36	27	61	62	61	74	60	61	66	75	69	60		
H051	25 Coffey Street Ermington			H	Residential	57	52	50	41	47	61	34	61	64	59	30	25	26	61	68	59	67	66	59	29	25	34	25	51	52	51	64	50	51	55	64	58	49		
H052	26 Coffey Street Ermington			H	Residential	57	52	50	41	55	69	33	57	60	55	22	24	25	64	71	62	70	69	62	30	26	35	26	59	60	62	75	61	62	68	77	71	62		X
H053	27 Coffey Street Ermington			H	Residential	57	52	50	41	42	56	30	58	61	56	19	23	24	59	66	57	65	64	57	26	22	31	22	50	51	41	54	40	41	49	58	52	43		
H054	28 Coffey Street Ermington			H	Residential	57	52	50	41	55	69	35	54	57	52	28	29	30	65	72	63	71	70	63	31	27	36	27	60	61	63	76	62	63	70	79	73	64		X
H055	29 Coffey Street Ermington			H	Residential	57	52	50	41	64	78	36	66	69	64	34	26	27	71	78	69	77	76	69	33	29	38	29	69	70	63	76	62	63	70	79	73	64		X
H056	3 Coffey Street Ermington			H	Residential	57	52	50	41	48	62	28	56	59	54	18	25	26	61	68	59	67	66	59	27	23	32	23	34	35	59	72	58	59	61	70	64	55		
H057	30 Coffey Street Ermington			H	Residential	57	52	50	41	59	73	35	53	56	51	32	37	38	67	74	65	73	72	65	30	26	35	26	59	60	65	78	64	65	74	83	77	68		X
H058	31 Coffey Street Ermington			H	Residential	57	52	50	41	63	77	33	65	68	63	29	26	27	71	78	69	77	76	69	30	26	35	26	68	69	67	80	66	67	73	82	76	67		X
H059	33 Coffey Street Ermington			H	Residential	57	52	50	41	61	75	35	64	67	62	32	36	37	74	81	72	80	79	72	33	29	38	29	67	68	71	84	70	71	85	94	88	79	X	X
H060	33 Coffey Street Ermington			H	Residential	57	52	50	41	60	74	36	60	63	58	33	36	37	78	85	76	84	83	76	33	29	38	29	59	60	73	86	72	73	83	92	86	77	X	X
H061	5 Coffey Street Ermington			H	Residential	57	52	50	41	37	51	19	56	59	54	12	28	29	61	68	59	67	66	59	21	17	26	17	34	35	59	72	58	59	51	60	54	45		X
H062	6 Coffey Street Ermington			H	Residential	57	52	50	41	32	46	29	42	45	40	25	25	26	46	53	44	52	51	44	26	22	31	22	29	30	37	50	36	37	49	58	52	43		
H063	7 Coffey Street Ermington			H	Residential	57	52	50	41	45	59	18	58	61	56	12	30	31	61	68	59	67	66	59	23	19	28	19	35	36	59	72	58	59	53	62	56	47		X
H064	8 Coffey Street Ermington			H	Residential	57	52	50	41	32	46	30	40	43	38	20	24	25	49	56	47	55	54	47	25	21	30	21	30	31	37	50	36	37	49	58	52	43		
H065	9 Coffey Street Ermington			H	Residential	57	52	50	41	33	47	20	65	68	63	14	22	23	61	68	59	67	66	59	16	12	21	12	31	32	59	72	58	59	52	61	55	46		X
H066	1 Corsair Street Ermington			H	Residential	57	52	50	41	43	57	33	52	55	50	29	27	28	50	57	48	56	55	48	27	23	32	23	44	45	39	52	38	39	49	58	52	43		
H067	10 Corsair Street Ermington			H	Residential	57	52	50	41	39	53	33	50	53	48	29	25	26	49	56	47	55	54	47	27	23	32	23	42	43	39	52	38	39	49	58	52	43		
H068	11 Corsair Street Ermington			H	Residential	57	52	50	41	45	59	31	53	56	51	27	23	24	51	58	49	57	56	49	24	20	29	20	48	49	42	55	41	42	50	59	53	44		
H069	12 Corsair Street Ermington			H	Residential	57	52	50	41	39	53	34	50	53	48	30	25	26	49	56	47	55	54	47	25	21	30	21	43	44	42	55	41	42	47	56	50	41		
H070	13 Corsair Street Ermington			H	Residential	57	52	50	41	37	51	34	50	53	48	30	29	30	49	56	47	55	54	47	30	26	35	26	41	42	37	50	36	37	48	57	51	42		
H071	14 Corsair Street Ermington			H	Residential	57	52	50	41	43	57	21	51	54	49	17	30	31	49	56	47	55	54	47	26	22	31	22	46	47	43	56	42	43	49	58	52	43		
H072	19 Corsair Street Ermington			H	Residential	57	52	50	41	45	59	34	52	55	50	30	27	28	51	58	49	57	56	49	24	20	29	20	48	49	39	52	38	39	50	59	53	44		
H073	2 Corsair Street Ermington			H	Residential	57	52	50	41	40	54	33	51	54	49	29	25	26	50	57	48	56	55	48	26	22	31	22	43	44	41	54	40	41	49	58	52	43		
H074	20 Corsair Street Ermington			H	Residential	57	52	50	41	37	51	28	52	55	50	24	22	23	51	58	49	57	56	49	20	16	25	16	40	41	31	44	30	31	48	57	51	42		
H075	21 Corsair Street Ermington			H	Residential	57	52	50	41	46	60	32	52	55	50	27	24	25	51	58	49	57	56	49	27	23	32	23	49	50	40	53	39	40	51	60	54	45		
H076	22 Corsair Street Ermington			H	Residential	57	52	50	41	47	61	35	55	58	53	31	26	27	53	60	51	59	58	51	27	23	32	23	51	52	40	53	39	40	53	62	56	47		
H077	23 Corsair Street Ermington			H	Residential	57	52	50	41	45	59	20	51	54	49	16	28	29	50	57	48	56	55	48	24	20	29	20	48	49	40	53	39	40	50	59	53	44		
H078	23 Corsair Street Ermington			H	Residential	57	52	50	41	42	56	30	44	47	42	26	23	24	48	55	46	54	53	46	22	18	27	18	46	47	34	47	33	34	47	56	50	41		
H079	24 Corsair Street Ermington			H	Residential	57	52	50	41	47	61	31	55	58	53	27	23	24	53	60	51	59	58	51	23	19	28	19	50	51	37	50	36	37	53	62	56	47		
H080	25 Corsair Street Ermington			H	Residential	57	52	50	41	44	58	26	50	53	48	22	24	25	50	57	48	56	55	48	26	22	31	22	47	48	39	52	38	39	49	58	52	43		
H081	26 Corsair Street Ermington			H	Residential	57	52	50	41	48	62	34	56	59	54	30	26	27	53	60	51	59	58	51	27	23	32	23	51	52	38	51	37	38	54	63	57	48		
H082	27 Corsair Street Ermington			H	Residential	57	52	50	41	44	58	35	53	56	51	31	27	28	51	58	49	57	56	49	28	24	33	24	46	47	35	48	34	35	51	60	54	45		
H083	28 Corsair Street Ermington			H	Residential	57	52	50	41	42	56	36	51	54	49	32	27	28	50	57	48	56	55	48	29	25	34	25	45	46	33	46	32	33	49	58	52	43		
H084	29 Corsair Street Ermington			H	Residential	57	52	50	41	46	60	37	54	57	52	33	34	35	52	59	50	58	57	50	30	26	35	26	49	50	44	57	43	44	52	61	55	46		
H085	3 Corsair Street Ermington			H	Residential	57	52	50	41	44	58	35	52	55	50	30	30	31	50	57	48	56	55	48	28	24	33	24	48	49	43	56	42	43	50	59	53	44		
H086	30 Corsair Street Ermington			H	Residential	57	52	50	41	43	57	38	54	57	52	34	33	34	53	60	51	59	58	51	28	24	33	24	46	47	44	57	43	44	51	60	54	45		
H087	31 Corsair Street Ermington			H	Residential	57	52	50	41	48	62	36	57	60	55	32	33	34	54	61	52	60	59	52	31	27	36	27	51	52	40	53	39	40	54	63	57	48		
H088	33 Corsair Street Ermington			H	Residential	57	52	50	41	52	66	20	60	63	58	16	15	16	57	64	55	63	62	55	16	12	21	12	55	56	33	46	32	33	58	67	61	52		
H089	35 Corsair Street Ermington			H	Residential	57	52	50	41	43	57	39	53	56	51	34	33	34	52	59	50	58	57	50	31	27	36	27	46	47	44	57	43	44	51	60	54	45		
H090	37 Corsair Street Ermington			H	Residential	57	52	50	41	52	66	39	57	60	55	35	33	34	55	62	53	61	60	53	32	28	37	28	53	54	43	56	42	43	58	67	61	52		
H091	39 Corsair Street Ermington			H	Residential	57	52	50	41	41	55	38	54	57	52	34	33	34	53	60	51	59	58	51	32	28	37	28	43	44	45	58	44	45	51	60	54	45		
H092	4 Corsair Street Ermington			H	Residential	57	52	50	41	36	50	32	51	54	49	28	23	24	50	57	48	56	55	48	26	22	31	22	39	40	41	54	40	41	49	58	52	43		
H093	5 Corsair Street Ermington			H	Residential	57	52	50	41	41	55	35	52	55	50	31	29	30	51	58	49	57	56	49	28	24	33	24	43	44	43	56	42	43	49	58	52	43		
H094	6 Corsair Street Ermington			H	Residential	57	52	50	41	43	57	32	52	55	50	28	25	26	50	57	48	56	55	48	26	22	31	22	46	47	42	55	41	42	49	58	52	43		
H095	7 Corsair Street Ermington			H	Residential	57	52	50	41	45	59	35	53	56	51	31	28	29	51	58	49	57	56	49	28	24	33	24	49	50	43	56	42	43	51	60	54	45		
H096	8 Corsair Street Ermington			H	Residential	57	52	50	41	42	56	33	52	55	50	29	25	26	50	57	48	56	55	48	26	22	31	22	46	47	41	54	40	41	49	58	52	43		
H097	9 Corsair Street Ermington			H	Residential	57	52	50	41	40	54	20	52	55	50	16	29	30	51	58	49	57	56	49	24	20	29	20	42	43	41	54	40	41	49	58	52	43		
H098	1 Haleyam Street Ermington			H	Residential	57	52	50	41	43	57	30	50	53	48	25	22	23	50	57	48	56	55	48	22	18	27	18	46	47	37	50	36	37	49	58	52	43		
H099	10 Haleyam Street Ermington			H	Residential	57	52	50	41	42	56	20	50	53	48	15	17	18	48	55	46	54	53	46	15	11	20	11	46	47	31	44	30	31	48	57	51	42		
H100	11 Haleyam Street Ermington			H	Residential	57	52	50	41	42	56	36	51	54	49	32	33	34	51	58	49	57	56	49	31	27	36	27	42	43	41	54	40	41	50	59	53	44		
H101	12 Haleyam Street Ermington			H	Residential	57	52	50	41	44	58	34	52	55	50	29	24	25	50	57	48	56	55	48	25	21	30	21	47	48	39	52	38	39	50	59	53	44		
H102	12 Haleyam Street Ermington			H	Residential	57	52	50	41	43	57	21	50	53	48	17	24	25	48	55	46	54	53	46	26	22	31	22	46	47	34	47	33	34	48	57	51	42		
H103	13 Haleyam Street Ermington			H	Residential	57	52	50	41	52	66	37	56	59	54	33	30	31	57	64	55	63	62	55	32	28	37	28	55	56	44	57	43	44	54	63	57	48		
H104	2 Haleyam Street Ermington			H	Residential	57	52	50	41	44	58	32	51	54	49	29	24	25	49	56	47	55	54	47	26	22	31	22	47	48	38	51	37	38	49	58	52	43		
H105	20 Haleyam Street Ermington			H	Residential	57	52	50	41	41	55	30	47	50	45	26	22	23	46	53	44	52	51	44	24	20	29	20	44	45	35	48	34	35	46	55	49	40		
H106	22 Haleyam Street Ermington			H	Residential	57	52	50	41	44	58	31	51	54	49	27	22	23	49	56	47	55	54	47	25	21	30	21	48	49	33	46	32	33	49	58	52	43		
H107	24 Haleyam Street Ermington			H	Residential	57	52	50	41	44	58	36	47	50	45	32	30	31	50	57	48	56	55	48	29	25	34	25	46	47	45	58	44	45	46	55	49	40		
H108	26 Haleyam Street Ermington			H	Residential	57	52	50	41	44	58	35	50	53	48	31	32	33	49	56	47	55	54	47	22	18	27	18	46	47	34	47	33	34	49	58	52	43		
H109	3 Haleyam Street Ermington			H	Residential	57	52	50	41	46	60	30	48	51	46	26	27	28	52	59	50	58	57	50	20	16	25	16	47	48	39	52	38	39	48	57	51	42		
H110	32 Haleyam Street Ermington			H	Residential	57	52	50	41	43	57	35	44	47	42	31	32	33	48	55	46	54	53	46	28	24	33	24	41	42	45	58	44	45	45	54	48	39		
H111	34 Haleyam Street Ermington			H	Residential	57	52	50	41	45	59	35	47	50	45	31	28	29	50	57	48	56	55	48	28	24	33	24	49	50	37	50	36	37	50	59	53	44		
H112	36 Haleyam Street Ermington			H	Residential	57	52	50	41	49	63	31	58	61	56	27	31	32	55	62	53	61	60	53	26	22	31	22	50	51	44	57	43	44	56	65	59	50		
H113	38 Haleyam Street Ermington			H	Residential	57	52	50	41	46	60	39	56	59	54	34	32	33	54	61	52	60	59	52	32	28	37	28	49	50	43	56	42	43	52	61	55	46		
H114	40 Haleyam Street Ermington			H	Residential	57	52	50	41	48	62	33	55	58	53	29	29	30	54	61	52	60	59	52	28	24	33	24	48	49	42	55	41	42	53	62	56	47		
H115	5 Haleyam Street Ermington			H	Residential	57	52	50	41	38	52	21	44	47	42	17	23	24	43	50	41	49	48	41	22	18	27	18	40	41	32	45	31	32	46	55	49	40		
H116	7 Haleyam Street Ermington			H	Residential	57	52	50	41	45	59	27	41	44	39	22	21	22	51	58	49	57	56	49	21	17	26	17	48	49	37	50	36	37	41	50	44	35		
H117	7 Haleyam Street Ermington			H	Residential	57	52	50	41	46	60	25	40	43	38	21	22	23	51	58	49	57	56	49	20	16	25	16	49	50	40	53	39	40	42	51	45	36		
H118	8 Haleyam Street Ermington			H	Residential	57	52	50	41	44	58	33	52	55	50	29	26	27	50	57	48	56	55	48	24	20	29	20	48	49	40	53	39	40	50	59	53	44		
H119	9 Haleyam Street Ermington			H	Residential	57	52	50	41	49	63	33	53	56	51	29	33	34	53	60	51	59	58	51	24	20	29	20	47	48	47	60	46	47	49	58	52	43		
H120	1 Heysen Avenue Ermington			H	Residential	57	52	50	41	51	65	25	70	73	68	20	31	32	67	74	65	73	72	65	23	19	28	19	51	52	46	59	45	46	66	75	69	60		X
H121	10 Heysen Avenue Ermington			H	Residential	57	52	50	41	55	69	34	82	85	80	31	31	32	79	86	77	85	84	77	30	26	35	26	58	59	50	63	49	50	66	75	69	60		X
H122	11 Heysen Avenue Ermington			H	Residential	57	52	50	41	50	64	33	71	74	69	29	34	35	68	75	66	74	73	66	27	23	32	23	39	40	52	65	51	52	55	64	58	49		X
H123	12 Heysen Avenue Ermington			H	Residential	57	52	50	41	53	67	34	78	81	76	29	31	32	80	87	78	86	85	78	30	26	35	26	57	58	48	61	47	48	55	64	58	60	X	X
H124	13 Heysen Avenue Ermington			H	Residential	57	52	50	41	36	50	27	63	66	61	19	26	27	68	75	66	74	73	66	22	18	27	18	39	40	36	49	35	36	61	70	64	55		X
H125	14 Heysen Avenue Ermington			H	Residential	57	52	50	41	52	66	33	74	77	72	28	33	34	82	89	80	88	87	80	27	23	32	23	55	56	57	70	56	57	61	70	64	55	X	X
H126	15 Heysen Avenue Ermington			H	Residential	57	52	50	41	52	66	32	71	74	69	27	33	34	69	76	67	75	74	67	28	24	33	24	45	46	60	73	59	60	59	68	62	53		X
H127	16 Heysen Avenue Ermington			H	Residential	57	52	50	41	51	65	33	71	74	69	28	32	33	80	87	78	86	85	78	24	20	29	20	54	55	57	70	56	57	61	70	64	55	X	X
H128	17 Heysen Avenue Ermington			H	Residential	57	52	50	41	53	67	33	74	77	72	28	33	34	69	76	67	75	74	67	28	24	33	24	43	44	63	76	62	63	60	69	63	54		X
H129	18 Heysen Avenue Ermington			H	Residential	57	52	50	41	49	63	17	75	78	73	12	34	35	80	87	78	86	85	78	25	21	30	21	45	46	65	78	64	65	61	70	64	55	X	X
H130	19 Heysen Avenue Ermington			H	Residential	57	52	50	41	44	58	30	77	80	75	25	31	32	68	75	66	74	73	66	26	22	31	22	38	39	64	77	63	64	54	63	57	48		X
H131	2 Heysen Avenue Ermington			H	Residential	57	52	50	41	65	79	34	83	86	81	28	33	34	75	82	73	81	80	73	29	25	34	25	67	68	51	64	50	51	75	84	78	69		X
H132	20 Heysen Avenue Ermington			H	Residential	57	52	50	41	50	64	32	78	81	76	28	34	35	81	88	79	87	86	79	28	24	33	24	52	53	67	80	66	67	62	71	65	56	X	X
H133	22 Heysen Avenue Ermington			H	Residential	57	52	50	41	56	70	32	87	90	85	27	34	35	82	89	80	88	87	80	27	23	32	23	49	50	69	82	68	69	64	73	67	58	X	X
H134	23 Heysen Avenue Ermington			H	Residential	57	52	50	41	55	69	16	80	83	78	11	27	28	66	73	64	72	71	64	11	7	16	7	34	35	63	76	62	63	63	72	66	57		X
H135	23 Heysen Avenue Ermington			H	Residential	57	52	50	41	55	69	18	81	84	79	14	28	29	68	75	66	74	73	66	14	10	19	10	34	35	65	78	64	65	63	72	66	57		X
H136	3 Heysen Avenue Ermington			H	Residential	57	52	50	41	51	65	35	70	73	68	30	32	33	67	74	65	73	72	65	28	24	33	24	54	55	47	60	46	47	63	72	66	57		X
H137	4 Heysen Avenue Ermington			H	Residential	57	52	50	41	63	77	33	82	85	80	28	31	32	76	83	74	82	81	74	30	26	35	26	65	66	52	65	51	52	72	81	75	66		X
H138	5 Heysen Avenue Ermington			H	Residential	57	52	50	41	45	59	34	70	73	68	29	26	27	68	75	66	74	73	66	29	25	34	25	47	48	39	52	38	39	63	72	66	57		X
H139	6 Heysen Avenue Ermington			H	Residential	57	52	50	41	61	75	34	86	89	84	29	33	34	79	86	77	85	84	77	29	25	34	25	63	64	53	66	52	53	71	80	74	65	X	X
H140	7 Heysen Avenue Ermington			H	Residential	57	52	50	41	49	63	35	71	74	69	30	32	33	69	76	67	75	74	67	29	25	34	25	47	48	49	62	48	49	55	64	58	49		X
H141	8 Heysen Avenue Ermington			H	Residential	57	52	50	41	59	73	34	87	90	85	29	33	34	80	87	78	86	85	78	29	25	34	25	60	61	53	66	52	53	69	78	72	63	X	X
H142	9 Heysen Avenue Ermington			H	Residential	57	52	50	41	50	64	34	64	67	62	30	34	35	69	76	67	75	74	67	27	23	32	23	43	44	54	67	53	54	57	66	60	51		X
H143	10 Hilder Road Ermington			H	Residential	57	52	50	41	30	44	30	35	38	33	20	23	24	37	44	35	43	42	35	26	22	31	22	31	32	35	48	34	35	37	46	40	31		
H144	11 Hilder Road Ermington			H	Residential	57	52	50	41	34	48	32	35	38	33	22	22	23	40	47	38	46	45	38	29	25	34	25	38	39	35	48	34	35	36	45	39	30		
H145	11 Hilder Road Ermington			H	Residential	57	52	50	41	27	41	29	36	39	34	21	24	25	36	43	34	42	41	34	26	22	31	22	31	32	34	47	33	34	35	44	38	29		
H146	12 Hilder Road Ermington			H	Residential	57	52	50	41	31	45	32	36	39	34	23	25	26	37	44	35	43	42	35	29	25	34	25	31	32	35	48	34	35	37	46	40	31		
H147	13 Hilder Road Ermington			H	Residential	57	52	50	41	41	55	35	41	44	39	31	29	30	47	54	45	53	52	45	29	25	34	25	45	46	41	54	40	41	39	48	42	33		
H148	14 Hilder Road Ermington			H	Residential	57	52	50	41	31	45	22	48	51	46	16	32	33	47	54	45	53	52	45	25	21	30	21	35	36	35	48	34	35	48	57	51	42		
H149	15 Hilder Road Ermington			H	Residential	57	52	50	41	35	49	35	39	42	37	31	31	32	42	49	40	48	47	40	31	27	36	27	39	40	37	50	36	37	41	50	44	35		
H150	15 Hilder Road Ermington			H	Residential	57	52	50	41	41	55	33	40	43	38	29	29	30	47	54	45	53	52	45	27	23	32	23	45	46	38	51	37	38	39	48	42	33		
H151	16 Hilder Road Ermington			H	Residential	57	52	50	41	30	44	22	47	50	45	18	31	32	47	54	45	53	52	45	23	19	28	19	33	34	32	45	31	32	48	57	51	42		
H152	17 Hilder Road Ermington			H	Residential	57	52	50	41	34	48	23	39	42	37	16	30	31	38	45	36	44	43	36	20	16	25	16	34	35	32	45	31	32	38	47	41	32		
H153	17 Hilder Road Ermington			H	Residential	57	52	50	41	44	58	33	41	44	39	30	30	31	50	57	48	56	55	48	28	24	33	24	48	49	39	52	38	39	42	51	45	36		
H154	18 Hilder Road Ermington			H	Residential	57	52	50	41	38	52	34	45	48	43	30	30	31	51	58	49	57	56	49	30	26	35	26	36	37	48	61	47	48	50	59	53	44		
H155	19 Hilder Road Ermington			H	Residential	57	52	50	41	48	62	33	41	44	39	29	32	33	54	61	52	60	59	52	28	24	33	24	52	53	40	53	39	40	42	51	45	36		
H156	20 Hilder Road Ermington			H	Residential	57	52	50	41	36	50	26	53	56	51	20	27	28	52	59	50	58	57	50	21	17	26	17	40	41	34	47	33	34	53	62	56	47		
H157	21 Hilder Road Ermington			H	Residential	57	52	50	41	49	63	34	43	46	41	29	31	32	55	62	53	61	60	53	28	24	33	24	53	54	50	63	49	50	52	61	55	46		
H158	22 Hilder Road Ermington			H	Residential	57	52	50	41	38	52	25	55	58	53	19	23	24	54	61	52	60	59	52	19	15	24	15	41	42	38	51	37	38	55	64	58	49		
H159	23 Hilder Road Ermington			H	Residential	57	52	50	41	58	72	34	59	62	57	32	35	36	64	71	62	70	69	62	31	27	36	27	62	63	53	66	52	53	62	71	65	56		
H160	24 Hilder Road Ermington			H	Residential	57	52	50	41	38	52	24	55	58	53	19	25	26	55	62	53	61	60	53	20	16	25	16	42	43	36	49	35	36	56	65	59	50		
H161	24 Hilder Road Ermington			H	Residential	57	52	50	41	48	62	34	51	54	49	30	25	26	56	63	54	62	61	54	30	26	35	26	39	40	55	68	54	55	57	66	60	51		
H162	25 Hilder Road Ermington			H	Residential	57	52	50	41	58	72	33	65	68	63	29	34	35	65	72	63	71	70	63	28	24	33	24	62	63	49	62	48	49	69	78	72	63		X
H163	26 Hilder Road Ermington			H	Residential	57	52	50	41	48	62	36	51	54	49	31	25	26	56	63	54	62	61	54	29	25	34	25	44	45	54	67	53	54	57	66	60	51		
H164	27 Hilder Road Ermington			H	Residential	57	52	50	41	60	74	34	66	69	64	30	34	35	66	73	64	72	71	64	30	26	35	26	51	52	47	60	46	47	70	79	73	64		X
H165	28 Hilder Road Ermington			H	Residential	57	52	50	41	66	80	35	68	71	66	31	35	36	73	80	71	79	78	71	30	26	35	26	71	72	63	76	62	63	68	77	71	62		X
H166	28 Hilder Road Ermington			H	Residential	57	52	50	41	72	86	35	76	79	74	32	31	32	79	86	77	85	84	77	31	27	36	27	77	78	55	68	54	55	87	96	90	81	X	X
H167	28 Hilder Road Ermington			H	Residential	57	52	50	41	65	79	36	55	58	53	32	26	27	72	79	70	78	77	70	32	28	37	28	70	71	60	73	59	60	65	74	68	59	X	X
H168	28 Hilder Road Ermington			H	Residential	57	52	50	41	51	65	36	50	53	48	33	24	25	57	64	55	63	62	55	32	28	37	28	44	45	55	68	54	55	55	64	58	49		
H169	29 Hilder Road Ermington			H	Residential	57	52	50	41	61	75	34	68	71	66	29	33	34	68	75	66	74	73	66	30	26	35	26	65	66	41	54	40	41	73	82	76	67	X	X
H170	30 Hilder Road Ermington		whole	H	Residential	57	52	50	41	80	94	34	80	83	78	30	34	35	111	118	109	117	116	109	30	26	35	26	105	106	62	75	61	62	85	94	88	79	X	X
H171	30 Hilder Road Ermington		whole	H	Residential	57	52	50	41	83	97	33	73	76	71	28	33	34	110	117	108	116	115	108	29	25	34	25	106	107	64	77	63	64	74	83	77	68	X	X
H172	31 Hilder Road Ermington			H	Residential	57	52	50	41	54	68	32	69	72	67	28	23	24	62	69	60	68	67	60	26	22	31	22	39	40	60	73	59	60	61	70	64	55		X
H173	31 Hilder Road Ermington			H	Residential	57	52	50	41	62	76	34	70	73	68	25	32	33	70	77	68	76	75	68	30	26	35	26	66	67	54	67	53	54	75	84	78	69	X	X
H174	32 Hilder Road Ermington		whole	H	Residential	57	52	50	41	76	90	34	77	80	75	29	33	34	87	94	85	93	92	85	30	26	35	26	85	86	62	75	61	62	81	90	84	75	X	X
H175	33 Hilder Road Ermington			H	Residential	57	52	50	41	71	85	33	108	111	106	26	32	33	76	83	74	82	81	74	30	26	35	26	71	72	59	72	58	59	86	95	89	80	X	X
H176	33 Hilder Road Ermington			H	Residential	57	52	50	41	50	64	22	83	86	81	18	31	32	74	81	72	80	79	72	22	18	27	18	52	53	51	64	50	51	68	77	71	62	X	X
H177	34 Hilder Road Ermington			H	Residential	57	52	50	41	89	103	18	83	86	81	13	30	31	78	85	76	84	83	76	17	13	22	13	76	77	47	60	46	47	93	102	96	87	X	X
H178	34 Hilder Road Ermington			H	Residential	57	52	50	41	77	91	19	82	85	80	14	30	31	75	82	73	81	80	73	19	15	24	15	60	61	48	61	47	48	84	93	87	78	X	X
H179	35 Hilder Road Ermington			H	Residential	57	52	50	41	47	61	33	76	79	74	29	24	25	70	77	68	76	75	68	26	22	31	22	49	50	34	47	33	34	65	74	68	59	X	X
H180	36 Hilder Road Ermington			H	Residential	57	52	50	41	74	88	19	81	84	79	15	31	32	73	80	71	79	78	71	18	14	23	14	63	64	46	59	45	46	81	90	84	75	X	X
H181	37 Hilder Road Ermington			H	Residential	57	52	50	41	61	75	35	71	74	69	31	33	34	66	73	64	72	71	64	31	27	36	27	62	63	41	54	40	41	68	77	71	62		X
H182	38 Hilder Road Ermington			H	Residential	57	52	50	41	68	82	19	77	80	75	15	25	26	70	77	68	76	75	68	21	17	26	17	68	69	41	54	40	41	76	85	79	70		X
H183	38 Hilder Road Ermington			H	Residential	57	52	50	41	66	80	24	75	78	73	19	30	31	68	75	66	74	73	66	22	18	27	18	61	62	41	54	40	41	73	82	76	67		X
H184	42 Hilder Road Ermington			H	Residential	57	52	50	41	63	77	22	72	75	70	16	24	25	66	73	64	72	71	64	24	20	29	20	64	65	38	51	37	38	70	79	73	64		X
H185	44 Hilder Road Ermington			H	Residential	57	52	50	41	58	72	36	53	56	51	31	37	38	63	70	61	69	68	61	30	26	35	26	46	47	46	59	45	46	63	72	66	57		X
H186	46 Hilder Road Ermington			H	Residential	57	52	50	41	47	61	26	67	70	65	22	30	31	62	69	60	68	67	60	25	21	30	21	47	48	36	49	35	36	64	73	67	58		X
H187	5 Hilder Road Ermington			H	Residential	57	52	50	41	31	45	32	33	36	31	23	21	22	37	44	35	43	42	35	27	23	32	23	35	36	31	44	30	31	33	42	36	27		
H188	6 Hilder Road Ermington			H	Residential	57	52	50	41	24	38	32	39	42	37	14	23	24	37	44	35	43	42	35	22	18	27	18	28	29	28	41	27	28	39	48	42	33		
H189	7 Hilder Road Ermington			H	Residential	57	52	50	41	32	46	31	33	36	31	21	20	21	38	45	36	44	43	36	27	23	32	23	36	37	30	43	29	30	34	43	37	28		
H190	8 Hilder Road Ermington			H	Residential	57	52	50	41	29	43	30	32	35	30	20	21	22	34	41	32	40	39	32	26	22	31	22	34	35	31	44	30	31	32	41	35	26		
H191	8 Hilder Road Ermington			H	Residential	57	52	50	41	25	39	22	39	42	37	14	28	29	39	46	37	45	44	37	17	13	22	13	28	29	28	41	27	28	39	48	42	33		
H192	9 Hilder Road Ermington			H	Residential	57	52	50	41	32	46	32	33	36	31	22	28	29	38	45	36	44	43	36	28	24	33	24	37	38	33	46	32	33	35	44	38	29		
H193	1 Jackson Street Ermington			H	Residential	57	52	50	41	37	51	36	36	39	34	30	30	31	43	50	41	49	48	41	30	26	35	26	34	35	41	54	40	41	43	52	46	37		
H194	10 Jackson Street Ermington			H	Residential	57	52	50	41	25	39	17	39	42	37	12	24	25	38	45	36	44	43	36	12	8	17	8	29	30	27	40	26	27	39	48	42	33		
H195	11 Jackson Street Ermington			H	Residential	57	52	50	41	25	39	27	39	42	37	14	21	22	38	45	36	44	43	36	19	15	24	15	29	30	27	40	26	27	37	46	40	31		
H196	12 Jackson Street Ermington			H	Residential	57	52	50	41	30	44	34	34	37	32	29	24	25	36	43	34	42	41	34	29	25	34	25	34	35	32	45	31	32	33	42	36	27		
H197	13 Jackson Street Ermington			H	Residential	57	52	50	41	30	44	32	35	38	33	28	27	28	35	42	33	41	40	33	27	23	32	23	33	34	31	44	30	31	35	44	38	29		
H198	14 Jackson Street Ermington			H	Residential	57	52	50	41	28	42	32	35	38	33	28	25	26	35	42	33	41	40	33	27	23	32	23	33	34	33	46	32	33	33	42	36	27		
H199	15 Jackson Street Ermington			H	Residential	57	52	50	41	30	44	26	35	38	33	19	20	21	36	43	34	42	41	34	23	19	28	19	34	35	32	45	31	32	34	43	37	28		
H200	17 Jackson Street Ermington			H	Residential	57	52	50	41	29	43	30	32	35	30	28	28	29	35	42	33	41	40	33	27	23	32	23	31	32	32	45	31	32	34	43	37	28		
H201	19 Jackson Street Ermington			H	Residential	57	52	50	41	29	43	29	37	40	35	21	23	24	34	41	32	40	39	32	28	24	33	24	30	31	32	45	31	32	34	43	37	28		
H202	2 Jackson Street Ermington			H	Residential	57	52	50	41	24	38	29	37	40	35	19	22	23	37	44	35	43	42	35	24	20	29	20	28	29	29	42	28	29	37	46	40	31		
H203	2 Jackson Street Ermington			H	Residential	57	52	50	41	37	51	33	36	39	34	23	20	21	43	50	41	49	48	41	28	24	33	24	32	33	41	54	40	41	44	53	47	38		
H204	3 Jackson Street Ermington			H	Residential	57	52	50	41	34	48	33	31	34	29	26	20	21	40	47	38	46	45	38	27	23	32	23	27	28	38	51	37	38	40	49	43	34		
H205	5 Jackson Street Ermington			H	Residential	57	52	50	41	26	40	19	36	39	34	14	21	22	35	42	33	41	40	33	14	10	19	10	30	31	30	43	29	30	35	44	38	29		
H206	6 Jackson Street Ermington			H	Residential	57	52	50	41	27	41	23	35	38	33	15	27	28	34	41	32	40	39	32	21	17	26	17	30	31	32	45	31	32	35	44	38	29		
H207	7 Jackson Street Ermington			H	Residential	57	52	50	41	26	40	28	32	35	30	20	20	21	34	41	32	40	39	32	28	24	33	24	31	32	32	45	31	32	34	43	37	28		
H208	8 Jackson Street Ermington			H	Residential	57	52	50	41	24	38	18	33	36	31	13	19	20	33	40	31	39	38	31	14	10	19	10	28	29	29	42	28	29	33	42	36	27		
H209	9 Jackson Street Ermington			H	Residential	57	52	50	41	24	38	17	36	39	34	13	21	22	36	43	34	42	41	34	13	9	18	9	27	28	26	39	25	26	36	45	39	30		
H210	24-32 Koorine Street Ermington			H	Residential	57	52	50	41	36	50	32	48	51	46	28	23	24	48	55	46	54	53	46	26	22	31	22	32	33	43	56	42	43	43	52	46	37		
H211	28 Koorine Street Ermington			H	Residential	57	52	50	41	37	51	34	48	51	46	29	24	25	48	55	46	54	53	46	26	22	31	22	40	41	45	58	44	45	43	52	46	37		
H212	10 Lambert Avenue Ermington			H	Residential	57	52	50	41	29	43	32	36	39	34	28	30	31	37	44	35	43	42	35	27	23	32	23	35	36	34	47	33	34	37	46	40	31		
H213	11 Lambert Avenue Ermington			H	Residential	57	52	50	41	30	44	32	37	40	35	25	27	28	37	44	35	43	42	35	27	23	32	23	31	32	35	48	34	35	35	44	38	29		
H214	12 Lambert Avenue Ermington			H	Residential	57	52	50	41	33	47	25	39	42	37	18	24	25	41	48	39	47	46	39	21	17	26	17	29	30	39	52	38	39	38	47	41	32		
H215	12 Lambert Avenue Ermington			H	Residential	57	52	50	41	26	40	21	38	41	36	14	22	23	36	43	34	42	41	34	21	17	26	17	30	31	32	45	31	32	36	45	39	30		
H216	13 Lambert Avenue Ermington			H	Residential	57	52	50	41	31	45	32	39	42	37	29	27	28	37	44	35	43	42	35	27	23	32	23	33	34	34	47	33	34	36	45	39	30		
H217	14 Lambert Avenue Ermington			H	Residential	57	52	50	41	32	46	25	44	47	42	18	30	31	43	50	41	49	48	41	21	17	26	17	30	31	41	54	40	41	46	55	49	40		
H218	15 Lambert Avenue Ermington			H	Residential	57	52	50	41	26	40	21	34	37	32	16	25	26	34	41	32	40	39	32	16	12	21	12	30	31	32	45	31	32	34	43	37	28		
H219	16 Lambert Avenue Ermington			H	Residential	57	52	50	41	33	47	22	45	48	43	17	30	31	42	49	40	48	47	40	21	17	26	17	31	32	40	53	39	40	45	54	48	39		
H220	17 Lambert Avenue Ermington			H	Residential	57	52	50	41	29	43	32	36	39	34	29	28	29	36	43	34	42	41	34	26	22	31	22	34	35	33	46	32	33	35	44	38	29		
H221	18 Lambert Avenue Ermington			H	Residential	57	52	50	41	42	56	30	57	60	55	24	29	30	53	60	51	59	58	51	29	25	34	25	34	35	51	64	50	51	51	60	54	45		
H222	19 Lambert Avenue Ermington			H	Residential	57	52	50	41	29	43	32	37	40	35	28	28	29	35	42	33	41	40	33	26	22	31	22	32	33	32	45	31	32	35	44	38	29		
H223	2 Lambert Avenue Ermington			H	Residential	57	52	50	41	29	43	33	37	40	35	30	27	28	36	43	34	42	41	34	28	24	33	24	32	33	34	47	33	34	35	44	38	29		
H224	21 Lambert Avenue Ermington			H	Residential	57	52	50	41	29	43	32	37	40	35	28	24	25	35	42	33	41	40	33	27	23	32	23	30	31	34	47	33	34	37	46	40	31		
H225	23 Lambert Avenue Ermington			H	Residential	57	52	50	41	29	43	32	38	41	36	29	31	32	39	46	37	45	44	37	26	22	31	22	37	38	33	46	32	33	38	47	41	32		
H226	25 Lambert Avenue Ermington			H	Residential	57	52	50	41	29	43	32	39	42	37	26	30	31	37	44	35	43	42	35	27	23	32	23	33	34	33	46	32	33	35	44	38	29		
H227	27 Lambert Avenue Ermington			H	Residential	57	52	50	41	30	44	32	41	44	39	28	28	29	39	46	37	45	44	37	27	23	32	23	32	33	35	48	34	35	38	47	41	32		
H228	29 Lambert Avenue Ermington			H	Residential	57	52	50	41	37	51	27	39	42	37	21	28	29	50	57	48	56	55	48	23	19	28	19	30	31	40	53	39	40	49	58	52	43		
H229	31 Lambert Avenue Ermington			H	Residential	57	52	50	41	33	47	32	46	49	44	25	27	28	52	59	50	58	57	50	27	23	32	23	34	35	50	63	49	50	51	60	54	45		
H230	4 Lambert Avenue Ermington			H	Residential	57	52	50	41	29	43	32	36	39	34	30	26	27	37	44	35	43	42	35	27	23	32	23	31	32	35	48	34	35	35	44	38	29		
H231	6 Lambert Avenue Ermington			H	Residential	57	52	50	41	28	42	32	36	39	34	28	25	26	35	42	33	41	40	33	27	23	32	23	29	30	33	46	32	33	34	43	37	28		
H232	8 Lambert Avenue Ermington			H	Residential	57	52	50	41	28	42	29	35	38	33	21	29	30	35	42	33	41	40	33	25	21	30	21	31	32	33	46	32	33	36	45	39	30		
H233	9 Lambert Avenue Ermington	Future Stars Early Learning Centre		H	Educational institute	55	0	0	0	28	42	33	36	39	34	30	27	28	37	44	35	43	42	35	27	23	32	23	31	32	35	48	34	35	34	43	37	28		
H234	1 Lindsay Avenue Ermington			H	Residential	57	52	50	41	50	64	36	47	50	45	31	33	34	55	62	53	61	60	53	30	26	35	26	53	54	40	53	39	40	46	55	49	40		
H235	10 Lindsay Avenue Ermington			H	Residential	57	52	50	41	57	71	35	67	70	65	31	28	29	63	70	61	69	68	61	31	27	36	27	60	61	40	53	39	40	65	74	68	59		X
H236	11 Lindsay Avenue Ermington			H	Residential	57	52	50	41	53	67	35	63	66	61	31	27	28	59	66	57	65	64	57	28	24	33	24	55	56	50	63	49	50	61	70	64	55		
H237	12 Lindsay Avenue Ermington			H	Residential	57	52	50	41	45	59	33	66	69	64	29	30	31	59	66	57	65	64	57	27	23	32	23	46	47	40	53	39	40	60	69	63	54		X
H238	13 Lindsay Avenue Ermington			H	Residential	57	52	50	41	54	68	36	63	66	61	32	27	28	60	67	58	66	65	58	30	26	35	26	57	58	42	55	41	42	61	70	64	55		
H239	14 Lindsay Avenue Ermington			H	Residential	57	52	50	41	40	54	34	66	69	64	29	30	31	64	71	62	70	69	62	28	24	33	24	40	41	41	54	40	41	56	65	59	50		X
H240	15 Lindsay Avenue Ermington			H	Residential	57	52	50	41	52	66	20	59	62	57	16	22	23	55	62	53	61	60	53	16	12	21	12	53	54	38	51	37	38	60	69	63	54		
H241	16 Lindsay Avenue Ermington			H	Residential	57	52	50	41	42	56	30	66	69	64	24	31	32	64	71	62	70	69	62	23	19	28	19	37	38	44	57	43	44	54	63	57	48		X
H242	17 Lindsay Avenue Ermington			H	Residential	57	52	50	41	43	57	19	54	57	52	15	18	19	52	59	50	58	57	50	14	10	19	10	43	44	31	44	30	31	52	61	55	46		
H243	18 Lindsay Avenue Ermington			H	Residential	57	52	50	41	44	58	31	61	64	59	27	26	27	59	66	57	65	64	57	26	22	31	22	46	47	44	57	43	44	57	66	60	51		
H244	19 Lindsay Avenue Ermington			H	Residential	57	52	50	41	44	58	31	63	66	61	27	29	30	59	66	57	65	64	57	26	22	31	22	43	44	42	55	41	42	60	69	63	54		
H245	2 Lindsay Avenue Ermington			H	Residential	57	52	50	41	56	70	31	49	52	47	27	23	24	60	67	58	66	65	58	27	23	32	23	58	59	39	52	38	39	48	57	51	42		
H246	20 Lindsay Avenue Ermington			H	Residential	57	52	50	41	49	63	28	66	69	64	24	26	27	63	70	61	69	68	61	23	19	28	19	52	53	33	46	32	33	60	69	63	54		
H247	21 Lindsay Avenue Ermington			H	Residential	57	52	50	41	42	56	33	56	59	54	29	28	29	55	62	53	61	60	53	24	20	29	20	39	40	44	57	43	44	51	60	54	45		
H248	22 Lindsay Avenue Ermington			H	Residential	57	52	50	41	43	57	31	65	68	63	27	23	24	64	71	62	70	69	62	24	20	29	20	35	36	41	54	40	41	48	57	51	42		
H249	23 Lindsay Avenue Ermington			H	Residential	57	52	50	41	35	49	29	60	63	58	25	26	27	56	63	54	62	61	54	24	20	29	20	38	39	36	49	35	36	58	67	61	52		
H250	24 Lindsay Avenue Ermington			H	Residential	57	52	50	41	31	45	24	56	59	54	20	21	22	64	71	62	70	69	62	20	16	25	16	34	35	34	47	33	34	50	59	53	44		
H251	25 Lindsay Avenue Ermington			H	Residential	57	52	50	41	40	54	24	62	65	60	20	19	20	60	67	58	66	65	58	19	15	24	15	42	43	34	47	33	34	58	67	61	52		
H252	26 Lindsay Avenue Ermington			H	Residential	57	52	50	41	35	49	24	58	61	56	20	17	18	64	71	62	70	69	62	21	17	26	17	37	38	35	48	34	35	50	59	53	44		X
H253	27 Lindsay Avenue Ermington			H	Residential	57	52	50	41	32	46	28	56	59	54	23	23	24	57	64	55	63	62	55	22	18	27	18	34	35	49	62	48	49	48	57	51	42		
H254	28 Lindsay Avenue Ermington			H	Residential	57	52	50	41	35	49	21	53	56	51	16	20	21	51	58	49	57	56	49	16	12	21	12	38	39	36	49	35	36	48	57	51	42		X
H255	29 Lindsay Avenue Ermington			H	Residential	57	52	50	41	45	59	34	60	63	58	30	27	28	58	65	56	64	63	56	27	23	32	23	41	42	50	63	49	50	56	65	59	50		
H256	3 Lindsay Avenue Ermington			H	Residential	57	52	50	41	52	66	30	46	49	44	26	26	27	58	65	56	64	63	56	26	22	31	22	48	49	41	54	40	41	45	54	48	39		
H257	30 Lindsay Avenue Ermington			H	Residential	57	52	50	41	46	60	30	70	73	68	26	23	24	63	70	61	69	68	61	24	20	29	20	32	33	50	63	49	50	54	63	57	48		X
H258	31 Lindsay Avenue Ermington			H	Residential	57	52	50	41	45	59	34	58	61	56	30	27	28	59	66	57	65	64	57	27	23	32	23	41	42	49	62	48	49	56	65	59	50		
H259	32 Lindsay Avenue Ermington			H	Residential	57	52	50	41	43	57	30	57	60	55	26	23	24	64	71	62	70	69	62	25	21	30	21	36	37	49	62	48	49	48	57	51	42		X

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
H260	33 Lindsay Avenue Ermington			H	Residential	57	52	50	41	42	56	30	53	56	51	25	25	26	54	61	52	60	59	52	25	21	30	21	32	33	49	62	48	49	47	56	50	41		
H261	34 Lindsay Avenue Ermington			H	Residential	57	52	50	41	55	69	16	76	79	74	12	27	28	65	72	63	71	70	63	12	8	17	8	35	36	62	75	61	62	63	72	66	57		X
H262	35 Lindsay Avenue Ermington			H	Residential	57	52	50	41	37	51	33	56	59	54	29	27	28	56	63	54	62	61	54	26	22	31	22	36	37	39	52	38	39	45	54	48	39		
H263	37 Lindsay Avenue Ermington			H	Residential	57	52	50	41	52	66	29	67	70	65	25	26	27	59	66	57	65	64	57	25	21	30	21	31	32	58	71	57	58	59	68	62	53		X
H264	39 Lindsay Avenue Ermington			H	Residential	57	52	50	41	53	67	33	68	71	66	29	28	29	61	68	59	67	66	59	26	22	31	22	38	39	59	72	58	59	60	69	63	54		X
H265	4 Lindsay Avenue Ermington			H	Residential	57	52	50	41	58	72	35	52	55	50	31	27	28	62	69	60	68	67	60	28	24	33	24	60	61	51	64	50	51	55	64	58	49		
H266	5 Lindsay Avenue Ermington			H	Residential	57	52	50	41	54	68	33	53	56	51	29	25	26	58	65	56	64	63	56	27	23	32	23	56	57	34	47	33	34	45	54	48	39		
H267	6 Lindsay Avenue Ermington			H	Residential	57	52	50	41	58	72	37	59	62	57	33	28	29	62	69	60	68	67	60	30	26	35	26	60	61	54	67	53	54	57	66	60	51		
H268	7 Lindsay Avenue Ermington			H	Residential	57	52	50	41	43	57	28	58	61	56	23	28	29	56	63	54	62	61	54	27	23	32	23	47	48	46	59	45	46	56	65	59	50		
H269	8 Lindsay Avenue Ermington			H	Residential	57	52	50	41	58	72	34	53	56	51	30	36	37	62	69	60	68	67	60	28	24	33	24	59	60	53	66	52	53	62	71	65	56		
H270	9 Lindsay Avenue Ermington			H	Residential	57	52	50	41	53	67	33	62	65	60	29	24	25	60	67	58	66	65	58	27	23	32	23	46	47	37	50	36	37	55	64	58	49		
H271	13 Lister Avenue Ermington			H	Residential	57	52	50	41	44	58	35	48	51	46	32	29	30	50	57	48	56	55	48	30	26	35	26	36	37	48	61	47	48	50	59	53	44		
H272	13 Lister Avenue Ermington			H	Residential	57	52	50	41	47	61	36	52	55	50	33	32	33	54	61	52	60	59	52	30	26	35	26	39	40	52	65	51	52	53	62	56	47		
H273	15 Lister Avenue Ermington			H	Residential	57	52	50	41	50	64	36	55	58	53	33	34	35	57	64	55	63	62	55	30	26	35	26	41	42	55	68	54	55	56	65	59	50		
H274	18 Lister Avenue Ermington	Ermington Police Station		H	Commercial	70	0	0	0	42	56	35	45	48	43	32	28	29	49	56	47	55	54	47	29	25	34	25	33	34	47	60	46	47	48	57	51	42		
H275	19 Lister Avenue Ermington			H	Residential	57	52	50	41	52	66	37	56	59	54	33	34	35	59	66	57	65	64	57	32	28	37	28	45	46	57	70	56	57	58	67	61	52		
H276	2 Lister Avenue Ermington			H	Residential	57	52	50	41	62	76	36	61	64	59	33	36	37	69	76	67	75	74	67	31	27	36	27	46	47	67	80	66	67	68	77	71	62		X
H277	2 Lister Avenue Ermington			H	Residential	57	52	50	41	62	76	36	62	65	60	31	36	37	69	76	67	75	74	67	31	27	36	27	45	46	67	80	66	67	69	78	72	63		X
H278	21 Lister Avenue Ermington			H	Residential	57	52	50	41	53	67	36	58	61	56	33	36	37	60	67	58	66	65	58	32	28	37	28	44	45	58	71	57	58	60	69	63	54		
H279	23 Lister Avenue Ermington			H	Residential	57	52	50	41	54	68	37	58	61	56	33	35	36	60	67	58	66	65	58	32	28	37	28	48	49	58	71	57	58	60	69	63	54		
H280	25 Lister Avenue Ermington			H	Residential	57	52	50	41	55	69	37	59	62	57	33	37	38	61	68	59	67	66	59	32	28	37	28	46	47	59	72	58	59	61	70	64	55		
H281	27 Lister Avenue Ermington			H	Residential	57	52	50	41	56	70	36	60	63	58	32	36	37	63	70	61	69	68	61	31	27	36	27	45	46	61	74	60	61	63	72	66	57		
H282	29 Lister Avenue Ermington			H	Residential	57	52	50	41	58	72	38	61	64	59	32	37	38	65	72	63	71	70	63	32	28	37	28	49	50	61	74	60	61	64	73	67	58		
H283	31 Lister Avenue Ermington			H	Residential	57	52	50	41	58	72	37	58	61	56	33	37	38	65	72	63	71	70	63	32	28	37	28	48	49	63	76	62	63	62	71	65	56		
H284	33 Lister Avenue Ermington			H	Residential	57	52	50	41	54	68	37	57	60	55	33	37	38	65	72	63	71	70	63	32	28	37	28	53	54	63	76	62	63	62	71	65	56		X
H285	6 Lister Avenue Ermington			H	Residential	57	52	50	41	60	74	36	57	60	55	33	36	37	69	76	67	75	74	67	31	27	36	27	46	47	67	80	66	67	70	79	73	64		X
H286	9 Lister Avenue Ermington			H	Residential	57	52	50	41	39	53	30	36	39	34	26	33	34	45	52	43	51	50	43	25	21	30	21	35	36	34	47	33	34	44	53	47	38		
H287	10 Lolita Lane Ermington			H	Residential	57	52	50	41	47	61	33	54	57	52	29	25	26	53	60	51	59	58	51	26	22	31	22	33	34	48	61	47	48	57	66	60	51		
H288	12 Lolita Lane Ermington			H	Residential	57	52	50	41	52	66	32	59	62	57	28	29	30	58	65	56	64	63	56	26	22	31	22	36	37	56	69	55	56	59	68	62	53		
H289	14 Lolita Lane Ermington			H	Residential	57	52	50	41	51	65	17	63	66	61	13	29	30	59	66	57	65	64	57	12	8	17	8	29	30	56	69	55	56	58	67	61	52		
H290	16 Lolita Lane Ermington			H	Residential	57	52	50	41	46	60	24	54	57	52	20	29	30	56	63	54	62	61	54	20	16	25	16	30	31	52	65	51	52	56	65	59	50		
H291	2 Lolita Lane Ermington			H	Residential	57	52	50	41	33	47	26	53	56	51	22	20	21	54	61	52	60	59	52	18	14	23	14	36	37	42	55	41	42	42	51	45	36		
H292	4 Lolita Lane Ermington			H	Residential	57	52	50	41	49	63	31	57	60	55	27	27	28	56	63	54	62	61	54	25	21	30	21	28	29	54	67	53	54	56	65	59	50		
H293	6 Lolita Lane Ermington			H	Residential	57	52	50	41	42	56	32	53	56	51	28	23	24	54	61	52	60	59	52	26	22	31	22	46	47	45	58	44	45	49	58	52	43		
H294	8 Lolita Lane Ermington			H	Residential	57	52	50	41	50	64	29	58	61	56	25	25	26	57	64	55	63	62	55	24	20	29	20	28	29	55	68	54	55	57	66	60	51		
H295	12 Marlean Lane Ermington			H	Residential	57	52	50	41	38	52	23	47	50	45	19	21	22	48	55	46	54	53	46	18	14	23	14	42	43	38	51	37	38	44	53	47	38		
H296	14 Marlean Lane Ermington			H	Residential	57	52	50	41	34	48	30	49	52	47	26	23	24	48	55	46	54	53	46	24	20	29	20	37	38	42	55	41	42	42	51	45	36		
H297	16 Marlean Lane Ermington			H	Residential	57	52	50	41	43	57	34	49	52	47	30	29	30	53	60	51	59	58	51	27	23	32	23	39	40	51	64	50	51	53	62	56	47		
H298	20 Marlean Lane Ermington			H	Residential	57	52	50	41	39	53	25	48	51	46	21	24	25	47	54	45	53	52	45	21	17	26	17	38	39	44	57	43	44	44	53	47	38		
H299	6 Marlean Lane Ermington			H	Residential	57	52	50	41	27	41	24	49	52	47	20	17	18	47	54	45	53	52	45	19	15	24	15	29	30	38	51	37	38	35	44	38	29		
H300	8 Marlean Lane Ermington			H	Residential	57	52	50	41	33	47	22	48	51	46	18	20	21	47	54	45	53	52	45	17	13	22	13	37	38	40	53	39	40	41	50	44	35		
H301	11 Nordica Street Ermington			H	Residential	57	52	50	41	37	51	28	39	42	37	24	20	21	44	51	42	50	49	42	11	7	16	7	30	31	40	53	39	40	43	52	46	37		
H302	12 Nordica Street Ermington			H	Residential	57	52	50	41	41	55	31	45	48	43	27	25	26	49	56	47	55	54	47	23	19	28	19	30	31	47	60	46	47	49	58	52	43		
H303	14 Nordica Street Ermington			H	Residential	57	52	50	41	41	55	31	41	44	39	27	24	25	49	56	47	55	54	47	24	20	29	20	29	30	47	60	46	47	48	57	51	42		
H304	16 Nordica Street Ermington			H	Residential	57	52	50	41	41	55	31	47	50	45	27	25	26	48	55	46	54	53	46	25	21	30	21	29	30	46	59	45	46	47	56	50	41		
H305	18 Nordica Street Ermington			H	Residential	57	52	50	41	35	49	32	50	53	48	28	28	29	48	55	46	54	53	46	26	22	31	22	38	39	41	54	40	41	43	52	46	37		
H306	19 Nordica Street Ermington			H	Residential	57	52	50	41	34	48	31	54	57	52	27	24	25	52	59	50	58	57	50	25	21	30	21	37	38	50	63	49	50	44	53	47	38		
H307	2-10 Nordica Street Ermington			H	Residential	57	52	50	41	41	55	32	54	57	52	28	28	29	51	58	49	57	56	49	26	22	31	22	44	45	46	59	45	46	47	56	50	41		
H308	24 Nordica Street Ermington			H	Residential	57	52	50	41	41	55	24	56	59	54	20	26	27	55	62	53	61	60	53	24	20	29	20	27	28	53	66	52	53	53	62	56	47		
H309	26 Nordica Street Ermington			H	Residential	57	52	50	41	34	48	31	56	59	54	27	25	26	53	60	51	59	58	51	25	21	30	21	37	38	48	61	47	48	46	55	49	40		
H310	27 Nordica Street Ermington			H	Residential	57	52	50	41	33	47	32	57	60	55	28	25	26	55	62	53	61	60	53	25	21	30	21	37	38	53	66	52	53	44	53	47	38		
H311	28 Nordica Street Ermington			H	Residential	57	52	50	41	34	48	31	56	59	54	27	23	24	53	60	51	59	58	51	26	22	31	22	38	39	48	61	47	48	45	54	48	39		
H312	29 Nordica Street Ermington			H	Residential	57	52	50	41	33	47	32	58	61	56	27	23	24	55	62	53	61	60	53	26	22	31	22	36	37	53	66	52	53	43	52	46	37		
H313	30 Nordica Street Ermington			H	Residential	57	52	50	41	43	57	31	57	60	55	27	26	27	56	63	54	62	61	54	24	20	29	20	27	28	54	67	53	54	56	65	59	50		
H314	31 Nordica Street Ermington			H	Residential	57	52	50	41	34	48	31	59	62	57	27	24	25	56	63	54	62	61	54	26	22	31	22	38	39	54	67	53	54	45	54	48	39		
H315	32 Nordica Street Ermington			H	Residential	57	52	50	41	46	60	31	58	61	56	27	26	27	57	64	55	63	62	55	25	21	30	21	28	29	55	68	54	55	58	67	61	52		
H316	33 Nordica Street Ermington			H	Residential	57	52	50	41	35	49	31	60	63	58	27	24	25	56	63	54	62	61	54	26	22	31	22	38	39	54	67	53	54	46	55	49	40		
H317	34 Nordica Street Ermington			H	Residential	57	52	50	41	52	66	26	55	58	53	22	25	26	57	64	55	63	62	55	22	18	27	18	28	29	55	68	54	55	59	68	62	53		
H318	35 Nordica Street Ermington			H	Residential	57	52	50	41	37	51	32	60	63	58	28	27	28	57	64	55	63	62	55	26	22	31	22	40	41	50	63	49	50	47	56	50	41		
H319	36 Nordica Street Ermington			H	Residential	57	52	50	41	52	66	31	53	56	51	27	25	26	58	65	56	64	63	56	25	21	30	21	28	29	56	69	55	56	60	69	63	54		
H320	37 Nordica Street Ermington			H	Residential	57	52	50	41	37	51	32	61	64	59	28	24	25	57	64	55	63	62	55	26	22	31	22	40	41	55	68	54	55	47	56	50	41		
H321	38 Nordica Street Ermington			H	Residential	57	52	50	41	38	52	33	63	66	61	28	27	28	58	65	56	64	63	56	27	23	32	23	36	37	49	62	48	49	46	55	49	40		
H322	39 Nordica Street Ermington			H	Residential	57	52	50	41	41	55	32	61	64	59	28	24	25	58	65	56	64	63	56	26	22	31	22	45	46	56	69	55	56	47	56	50	41		
H323	40 Nordica Street Ermington			H	Residential	57	52	50	41	54	68	32	64	67	62	29	29	30	60	67	58	66	65	58	26	22	31	22	45	46	58	71	57	58	61	70	64	55		
H324	41 Nordica Street Ermington			H	Residential	57	52	50	41	41	55	32	62	65	60	28	24	25	58	65	56	64	63	56	26	22	31	22	45	46	56	69	55	56	47	56	50	41		
H325	43 Nordica Street Ermington			H	Residential	57	52	50	41	54	68	32	64	67	62	29	30	31	60	67	58	66	65	58	26	22	31	22	46	47	58	71	57	58	63	72	66	57		
H326	7 Nordica Street Ermington			H	Residential	57	52	50	41	35	49	33	53	56	51	28	28	29	52	59	50	58	57	50	25	21	30	21	38	39	50	63	49	50	44	53	47	38		
H327	7 Nordica Street Ermington			H	Residential	57	52	50	41	38	52	20	43	46	41	16	19	20	44	51	42	50	49	42	14	10	19	10	25	26	42	55	41	42	44	53	47	38		
H328	River Road Ermington	Ermington Branch Library		H	Commercial	70	0	0	0	27	41	21	29	32	27	15	18	19	39	46	37	45	44	37	17	13	22	13	27	28	37	50	36	37	39	48	42	33		
H329	10 River Road Ermington			H	Residential	57	52	50	41	44	58	36	41	44	39	32	31	32	51	58	49	57	56	49	30	26	35	26	38	39	49	62	48	49	46	55	49	40		
H330	11 River Road Ermington			H	Residential	57	52	50	41	35	49	33	39	42	37	24	25	26	47	54	45	53	52	45	28	24	33	24	32	33	45	58	44	45	48	57	51	42		
H331	11 River Road Ermington			H	Residential	57	52	50	41	35	49	31	38	41	36	25	33	34	42	49	40	48	47	40	27	23	32	23	40	41	37	50	36	37	39	48	42	33		
H332	12 River Road Ermington			H	Residential	57	52	50	41	49	63	35	44	47	42	30	26	27	57	64	55	63	62	55	30	26	35	26	39	40	55	68	54	55	49	58	52	43		
H333	13 River Road Ermington			H	Residential	57	52	50	41	41	55	33	43	46	41	29	23	24	47	54	45	53	52	45	28	24	33	24	33	34	45	58	44	45	46	55	49	40		
H334	14 River Road Ermington			H	Residential	57	52	50	41	49	63	34	45	48	43	25	25	26	56	63	54	62	61	54	29	25	34	25	36	37	54	67	53	54	50	59	53	44		
H335	15 River Road Ermington			H	Residential	57	52	50	41	42	56	34	40	43	38	30	28	29	43	50	41	49	48	41	28	24	33	24	46	47	40	53	39	40	40	49	43	34		
H336	15 River Road Ermington			H	Residential	57	52	50	41	48	62	34	48	51	46	31	32	33	56	63	54	62	61	54	30	26	35	26	37	38	54	67	53	54	57	66	60	51		
H337	15 River Road Ermington			H	Residential	57	52	50	41	44	58	34	49	52	47	30	29	30	53	60	51	59	58	51	28	24	33	24	34	35	51	64	50	51	55	64	58	49		
H338	16 River Road Ermington			H	Residential	57	52	50	41	50	64	35	51	54	49	31	28	29	55	62	53	61	60	53	30	26	35	26	36	37	54	67	53	54	51	60	54	45		
H339	18 River Road Ermington			H	Residential	57	52	50	41	53	67	35	53	56	51	29	31	32	60	67	58	66	65	58	30	26	35	26	40	41	58	71	57	58	58	67	61	52		
H340	19 River Road Ermington			H	Residential	57	52	50	41	52	66	36	48	51	46	32	33	34	59	66	57	65	64	57	30	26	35	26	40	41	57	70	56	57	61	70	64	55		
H341	20 River Road Ermington			H	Residential	57	52	50	41	49	63	35	56	59	54	33	36	37	61	68	59	67	66	59	30	26	35	26	41	42	59	72	58	59	56	65	59	50		
H342	21 River Road Ermington			H	Residential	57	52	50	41	50	64	35	52	55	50	31	34	35	60	67	58	66	65	58	29	25	34	25	45	46	58	71	57	58	62	71	65	56		
H343	22 River Road Ermington			H	Residential	57	52	50	41	43	57	35	42	45	40	31	36	37	62	69	60	68	67	60	29	25	34	25	42	43	60	73	59	60	53	62	56	47		
H344	23 River Road Ermington			H	Residential	57	52	50	41	47	61	34	55	58	53	30	33	34	61	68	59	67	66	59	29	25	34	25	39	40	59	72	58	59	63	72	66	57		
H345	24 River Road Ermington			H	Residential	57	52	50	41	56	70	32	57	60	55	19	23	24	64	71	62	70	69	62	31	27	36	27	54	55	62	75	61	62	67	76	70	61		
H346	25 River Road Ermington			H	Residential	57	52	50	41	52	66	36	56	59	54	32	36	37	62	69	60	68	67	60	30	26	35	26	47	48	60	73	59	60	65	74	68	59		
H347	26 River Road Ermington			H	Residential	57	52	50	41	55	69	37	57	60	55	34	37	38	68	75	66	74	73	66	33	29	38	29	48	49	66	79	65	66	60	69	63	54		X
H348	27 River Road Ermington			H	Residential	57	52	50	41	56	70	36	54	57	52	32	32	33	63	70	61	69	68	61	32	28	37	28	41	42	61	74	60	61	67	76	70	61		
H349	28 River Road Ermington			H	Residential	57	52	50	41	62	76	35	57	60	55	33	36	37	70	77	68	76	75	68	31	27	36	27	55	56	69	82	68	69	79	88	82	73	X	X
H350	29 River Road Ermington			H	Residential	57	52	50	41	52	66	37	57	60	55	33	38	39	65	72	63	71	70	63	31	27	36	27	55	56	63	76	62	63	69	78	72	63		X
H351	30 River Road Ermington			H	Residential	57	52	50	41	64	78	34	52	55	50	30	33	34	76	83	74	82	81	74	30	26	35	26	42	43	74	87	73	74	81	90	84	75	X	X
H352	32 River Road Ermington			H	Residential	57	52	50	41	66	80	36	62	65	60	33	36	37	83	90	81	89	88	81	33	29	38	29	60	61	81	94	80	81	82	91	85	76	X	X
H353	33 River Road Ermington			H	Residential	57	52	50	41	74	88	34	66	69	64	31	35	36	87	94	85	93	92	85	30	26	35	26	74	75	72	85	71	72	79	88	82	73	X	X
H354	34 River Road Ermington			H	Residential	57	52	50	41	68	82	27	63	66	61	23	37	38	74	81	72	80	79	72	31	27	36	27	64	65	72	85	71	72	79	88	82	73	X	X
H355	34 River Road Ermington			H	Residential	57	52	50	41	73	87	36	64	67	62	33	38	39	73	80	71	79	78	71	32	28	37	28	47	48	76	89	75	76	66	75	69	60		X
H356	35 River Road Ermington		whole	H	Residential	57	52	50	41	87	101	34	66	69	64	29	33	34	95	102	93	101	100	93	29	25	34	25	75	76	72	85	71	72	83	92	86	77	X	X
H357	36 River Road Ermington			H	Residential	57	52	50	41	67	81	32	64	67	62	27	32	33	71	78	69	77	76	69	26	22	31	22	57	58	61	74	60	61	86	95	89	80	X	X
H358	36 River Road Ermington			H	Residential	57	52	50	41	73	87	27	65	68	63	22	39	40	71	78	69	77	76	69	28	24	33	24	48	49	75	88	74	75	66	75	69	60	X	X
H359	37 River Road Ermington			H	Residential	57	52	50	41	84	98	17	67	70	65	14	26	27	80	87	78	86	85	78	16	12	21	12	75	76	55	68	54	55	70	79	73	64	X	X
H360	38 River Road Ermington	Future Starts Early Learning Centre		H	Educational institute	55	0	0	0	65	79	31	60	63	58	27	34	35	68	75	66	74	73	66	25	21	30	21	58	59	60	73	59	60	82	91	85	76	X	X
H361	38 River Road Ermington			H	Residential	57	52	50	41	63	77	28	58	61	56	23	28	29	67	74	65	73	72	65	22	18	27	18	57	58	61	74	60	61	77	86	80	71	X	X
H362	39 River Road Ermington			H	Residential	57	52	50	41	77	91	21	67	70	65	15	32	33	77	84	75	83	82	75	25	21	30	21	73	74	52	65	51	52	69	78	72	63	X	X
H363	40 River Road Ermington			H	Residential	57	52	50	41	61	75	23	47	50	45	18	32	33	65	72	63	71	70	63	22	18	27	18	56	57	51	64	50	51	73	82	76	67		X
H364	41 River Road Ermington			H	Residential	57	52	50	41	68	82	22	50	53	48	17	22	23	71	78	69	77	76	69	21	17	26	17	69	70	43	56	42	43	57	66	60	51	X	X
H365	41 River Road Ermington			H	Residential	57	52	50	41	76	90	35	69	72	67	30	28	29	73	80	71	79	78	71	31	27	36	27	71	72	45	58	44	45	75	84	78	69	X	X
H366	43 River Road Ermington			H	Residential	57	52	50	41	65	79	18	53	56	51	14	32	33	68	75	66	74	73	66	16	12	21	12	65	66	63	76	62	63	73	82	76	67	X	X
H367	44 River Road Ermington			H	Residential	57	52	50	41	59	73	24	54	57	52	21	25	26	63	70	61	69	68	61	22	18	27	18	54	55	49	62	48	49	68	77	71	62		X
H368	45 River Road Ermington			H	Residential	57	52	50	41	65	79	19	52	55	50	15	33	34	67	74	65	73	72	65	24	20	29	20	64	65	46	59	45	46	61	70	64	55		X
H369	46 River Road Ermington			H	Residential	57	52	50	41	58	72	32	58	61	56	28	36	37	63	70	61	69	68	61	29	25	34	25	50	51	58	71	57	58	67	76	70	61		X
H370	47 River Road Ermington			H	Residential	57	52	50	41	62	76	37	59	62	57	32	35	36	65	72	63	71	70	63	31	27	36	27	63	64	54	67	53	54	69	78	72	63		X
H371	48-54 River Road Ermington			H	Residential	57	52	50	41	51	65	37	56	59	54	33	36	37	54	61	52	60	59	52	31	27	36	27	43	44	55	68	54	55	53	62	56	47		
H372	48-54 River Road Ermington			H	Residential	57	52	50	41	52	66	20	48	51	46	16	28	29	57	64	55	63	62	55	26	22	31	22	55	56	55	68	54	55	63	72	66	57		
H373	48-54 River Road Ermington			H	Residential	57	52	50	41	58	72	25	61	64	59	20	38	39	58	65	56	64	63	56	28	24	33	24	46	47	61	74	60	61	57	66	60	51		
H374	48-54 River Road Ermington			H	Residential	57	52	50	41	49	63	21	45	48	43	26	24	25	55	62	53	61	60	53	16	12	21	12	49	50	54	67	53	54	58	67	61	52		
H375	48-54 River Road Ermington			H	Residential	57	52	50	41	40	54	39	42	45	40	34	30	31	45	52	43	51	50	43	32	28	37	28	41	42	44	57	43	44	46	55	49	40		
H376	48-54 River Road Ermington			H	Residential	57	52	50	41	50	64	35	48	51	46	31	26	27	56	63	54	62	61	54	29	25	34	25	50	51	54	67	53	54	59	68	62	53		
H377	49 River Road Ermington			H	Residential	57	52	50	41	60	74	21	55	58	53	14	27	28	63	70	61	69	68	61	16	12	21	12	61	62	46	59	45	46	54	63	57	48		X
H378	5 River Road Ermington			H	Residential	57	52	50	41	32	46	34	34	37	32	28	24	25	44	51	42	50	49	42	28	24	33	24	32	33	42	55	41	42	44	53	47	38		
H379	51 River Road Ermington			H	Residential	57	52	50	41	57	71	23	55	58	53	18	29	30	61	68	59	67	66	59	27	23	32	23	59	60	43	56	42	43	53	62	56	47		
H380	51 River Road Ermington			H	Residential	57	52	50	41	58	72	21	55	58	53	17	31	32	62	69	60	68	67	60	17	13	22	13	60	61	44	57	43	44	54	63	57	48		
H381	53 River Road Ermington			H	Residential	57	52	50	41	43	57	37	43	46	41	32	33	33	53	60	51	59	58	51	30	26	35	26	40	41	51	64	50	51	57	66	60	51		
H382	56 River Road Ermington			H	Residential	57	52	50	41	44	58	25	47	50	45	21	32	33	50	57	48	56	55	48	22	18	27	18	43	44	37	50	36	37	51	60	54	45		
H383	57 River Road Ermington			H	Residential	57	52	50	41	46	60	36	51	54	49	32	28	29	52	59	50	58	57	50	29	25	34	25	50	51	39	52	38	39	49	58	52	43		
H384	58 River Road Ermington			H	Residential	57	52	50	41	48	62	28	42	45	40	24	25	26	53	60	51	59	58	51	25	21	30	21	47	48	39	52	38	39	56	65	59	50		
H385	59 River Road Ermington			H	Residential	57	52	50	41	46	60	29	51	54	49	25	25	26	52	59	50	58	57	50	22	18	27	18	50	51	43	56	42	43	50	59	53	44		
H386	60 River Road Ermington			H	Residential	57	52	50	41	47	61	24	49	52	47	19	25	26	53	60	51	59	58	51	18	14	23	14	40	41	50	63	49	50	55	64	58	49		
H387	61 River Road Ermington			H	Residential	57	52	50	41	47	61	21	43	46	41	17	21	22	52	59	50	58	57	50	27	23	32	23	50	51	34	47	33	34	40	49	43	34		
H388	63 River Road Ermington			H	Residential	57	52	50	41	45	59	33	42	45	40	29	24	25	51	58	49	57	56	49	24	20	29	20	49	50	37	50	36	37	40	49	43	34		
H389	64 River Road Ermington			H	Residential	57	52	50	41	43	57	35	48	51	46	30	31	32	50	57	48	56	55	48	24	20	29	20	46	47	48	61	47	48	52	61	55	46		
H390	65 River Road Ermington			H	Residential	57	52	50	41	47	61	37	49	52	47	32	31	32	52	59	50	58	57	50	29	25	34	25	38	39	48	61	47	48	53	62	56	47		
H391	68 River Road Ermington			H	Residential	57	52	50	41	42	56	34	51	54	49	30	34	35	48	55	46	54	53	46	28	24	33	24	44	45	45	58	44	45	49	58	52	43		
H392	68 River Road Ermington			H	Residential	57	52	50	41	43	57	34	46	49	44	30	29	30	49	56	47	55	54	47	27	23	32	23	43	44	47	60	46	47	49	58	52	43		
H393	7 River Road Ermington			H	Residential	57	52	50	41	32	46	34	33	36	31	23	22	23	39	46	37	45	44	37	30	26	35	26	40	41	43	56	42	43	36	45	39	30		
H394	70 River Road Ermington			H	Residential	57	52	50	41	39	53	37	44	47	42	33	30	31	45	52	43	51	50	43	30	26	35	26	39	40	43	56	42	43	45	54	48	39		
H395	71 River Road Ermington			H	Residential	57	52	50	41	45	59	37	47	50	45	32	34	35	51	58	49	57	56	49	30	26	35	26	41	42	48	61	47	48	52	61	55	46		
H396	73 River Road Ermington			H	Residential	57	52	50	41	39	53	37	46	49	44	32	28	29	47	54	45	53	52	45	29	25	34	25	42	43	37	50	36	37	46	55	49	40		
H397	75 River Road Ermington			H	Residential	57	52	50	41	40	54	34	48	51	46	30	31	32	47	54	45	53	52	45	28	24	33	24	43	44	41	54	40	41	45	54	48	39		
H398	83 River Road Ermington			H	Residential	57	52	50	41	42	56	29	49	52	47	18	30	31	47	54	45	53	52	45	25	21	30	21	45	46	44	57	43	44	47	56	50	41		
H399	83 River Road Ermington			H	Residential	57	52	50	41	41	55	32	46	49	44	28	24	25	46	53	44	52	51	44	27	23	32	23	44	45	44	57	43	44	47	56	50	41		
H400	83 River Road Ermington			H	Residential	57	52	50	41	40	54	32	46	49	44	28	23	24	46	53	44	52	51	44	27	23	32	23	44	45	44	57	43	44	47	56	50	41		
H401	87 River Road Ermington			H	Residential	57	52	50	41	40	54	30	46	49	44	26	24	25	46	53	44	52	51	44	28	24	33	24	44	45	44	57	43	44	46	55	49	40		
H402	9 River Road Ermington			H	Residential	57	52	50	41	39	53	34	37	40	35	28	25	26	46	53	44	52	51	44	28	24	33	24	31	32	44	57	43	44	46	55	49	40		
H403	9 River Road Ermington			H	Residential	57	52	50	41	35	49	18	40	43	38	13	24	25	41	48	39	47	46	39	23	19	28	19	39	40	35	48	34	35	40	49	43	34		
H404	1 Rondelle Street Ermington			H	Residential	57	52	50	41	40	54	32	51	54	49	28	26	27	50	57	48	56	55	48	26	22	31	22	44	45	35	48	34	35	48	57	51	42		
H405	10 Rondelle Street Ermington			H	Residential	57	52	50	41	41	55	32	50	53	48	28	29	30	52	59	50	58	57	50	26	22	31	22	42	43	37	50	36	37	47	56	50	41		
H406	11 Rondelle Street Ermington			H	Residential	57	52	50	41	39	53	32	53	56	51	28	29	30	51	58	49	57	56	49	27	23	32	23	42	43	38	51	37	38	48	57	51	42		
H407	12 Rondelle Street Ermington			H	Residential	57	52	50	41	44	58	35	51	54	49	31	29	30	53	60	51	59	58	51	27	23	32	23	45	46	43	56	42	43	49	58	52	43		
H408	13 Rondelle Street Ermington			H	Residential	57	52	50	41	35	49	21	52	55	50	17	18	19	51	58	49	57	56	49	14	10	19	10	33	34	34	47	33	34	48	57	51	42		
H409	14 Rondelle Street Ermington			H	Residential	57	52	50	41	38	52	32	54	57	52	28	28	29	54	61	52	60	59	52	25	21	30	21	40	41	40	53	39	40	50	59	53	44		
H410	15 Rondelle Street Ermington			H	Residential	57	52	50	41	44	58	22	55	58	53	18	26	27	53	60	51	59	58	51	22	18	27	18	29	30	50	63	49	50	50	59	53	44		
H411	16 Rondelle Street Ermington			H	Residential	57	52	50	41	43	57	33	55	58	53	29	24	25	55	62	53	61	60	53	27	23	32	23	46	47	48	61	47	48	49	58	52	43		
H412	17 Rondelle Street Ermington			H	Residential	57	52	50	41	43	57	29	56	59	54	25	21	22	53	60	51	59	58	51	22	18	27	18	29	30	51	64	50	51	50	59	53	44		
H413	18 Rondelle Street Ermington			H	Residential	57	52	50	41	42	56	31	53	56	51	27	23	24	54	61	52	60	59	52	25	21	30	21	45	46	42	55	41	42	49	58	52	43		
H414	19 Rondelle Street Ermington			H	Residential	57	52	50	41	44	58	31	57	60	55	27	29	30	53	60	51	59	58	51	25	21	30	21	31	32	51	64	50	51	51	60	54	45		
H415	2 Rondelle Street Ermington			H	Residential	57	52	50	41	40	54	33	50	53	48	28	25	26	51	58	49	57	56	49	26	22	31	22	44	45	36	49	35	36	46	55	49	40		
H416	20 Rondelle Street Ermington			H	Residential	57	52	50	41	32	46	32	52	55	50	27	27	28	55	62	53	61	60	53	26	22	31	22	35	36	45	58	44	45	40	49	43	34		
H417	21 Rondelle Street Ermington			H	Residential	57	52	50	41	44	58	31	57	60	55	27	33	34	53	60	51	59	58	51	26	22	31	22	33	34	52	65	51	52	51	60	54	45		
H418	23 Rondelle Street Ermington			H	Residential	57	52	50	41	29	43	25	47	50	45	20	18	19	52	59	50	58	57	50	16	12	21	12	32	33	33	46	32	33	36	45	39	30		
H419	25 Rondelle Street Ermington			H	Residential	57	52	50	41	44	58	33	54	57	52	29	31	32	54	61	52	60	59	52	29	25	34	25	36	37	46	59	45	46	53	62	56	47		
H420	27 Rondelle Street Ermington			H	Residential	57	52	50	41	42	56	29	57	60	55	25	21	22	55	62	53	61	60	53	25	21	30	21	46	47	36	49	35	36	49	58	52	43		
H421	29 Rondelle Street Ermington			H	Residential	57	52	50	41	46	60	33	59	62	57	29	25	26	56	63	54	62	61	54	26	22	31	22	31	32	55	68	54	55	57	66	60	51		
H422	29 Rondelle Street Ermington			H	Residential	57	52	50	41	45	59	33	57	60	55	28	28	29	55	62	53	61	60	53	26	22	31	22	36	37	47	60	46	47	49	58	52	43		
H423	3 Rondelle Street Ermington			H	Residential	57	52	50	41	40	54	32	52	55	50	28	29	30	50	57	48	56	55	48	26	22	31	22	44	45	34	47	33	34	49	58	52	43		
H424	33 Rondelle Street Ermington			H	Residential	57	52	50	41	40	54	27	54	57	52	23	21	22	55	62	53	61	60	53	22	18	27	18	42	43	39	52	38	39	48	57	51	42		
H425	4 Rondelle Street Ermington			H	Residential	57	52	50	41	40	54	33	50	53	48	29	26	27	52	59	50	58	57	50	26	22	31	22	42	43	40	53	39	40	47	56	50	41		
H426	5 Rondelle Street Ermington			H	Residential	57	52	50	41	41	55	32	52	55	50	28	28	29	51	58	49	57	56	49	26	22	31	22	44	45	37	50	36	37	49	58	52	43		
H427	6 Rondelle Street Ermington			H	Residential	57	52	50	41	43	57	33	51	54	49	29	27	28	52	59	50	58	57	50	26	22	31	22	44	45	39	52	38	39	49	58	52	43		
H428	7 Rondelle Street Ermington			H	Residential	57	52	50	41	43	57	33	52	55	50	29	30	31	51	58	49	57	56	49	28	24	33	24	45	46	47	60	46	47	49	58	52	43		
H429	8 Rondelle Street Ermington			H	Residential	57	52	50	41	43	57	33	52	55	50	29	29	30	52	59	50	58	57	50	26	22	31	22	47	48	44	57	43	44	49	58	52	43		
H430	10 Seamist Avenue Ermington			H	Residential	57	52	50	41	40	54	18	49	52	47	14	28	29	50	57	48	56	55	48	23	19	28	19	32	33	48	61	47	48	48	57	51	42		
H431	12 Seamist Avenue Ermington			H	Residential	57	52	50	41	28	42	19	48	51	46	15	20	21	48	55	46	54	53	46	14	10	19	10	26	27	45	58	44	45	36	45	39	30		
H432	14 Seamist Avenue Ermington			H	Residential	57	52	50	41	28	42	27	47	50	45	23	19	20	46	53	44	52	51	44	21	17	26	17	32	33	35	48	34	35	35	44	38	29		
H433	15 Seamist Avenue Ermington			H	Residential	57	52	50	41	33	47	32	55	58	53	28	24	25	53	60	51	59	58	51	25	21	30	21	36	37	48	61	47	48	44	53	47	38		
H434	16 Seamist Avenue Ermington			H	Residential	57	52	50	41	40	54	32	50	53	48	28	23	24	52	59	50	58	57	50	26	22	31	22	43	44	41	54	40	41	46	55	49	40		
H435	19 Seamist Avenue Ermington			H	Residential	57	52	50	41	48	62	34	57	60	55	30	29	30	55	62	53	61	60	53	28	24	33	24	38	39	53	66	52	53	55	64	58	49		
H436	2 Seamist Avenue Ermington			H	Residential	57	52	50	41	43	57	13	38	41	36	9	26	27	48	55	46	54	53	46	11	7	16	7	35	36	46	59	45	46	50	59	53	44		
H437	21 Seamist Avenue Ermington			H	Residential	57	52	50	41	46	60	33	49	52	47	29	27	28	50	57	48	56	55	48	26	22	31	22	38	39	46	59	45	46	52	61	55	46		
H438	23 Seamist Avenue Ermington			H	Residential	57	52	50	41	39	53	34	51	54	49	30	30	31	51	58	49	57	56	49	27	23	32	23	39	40	43	56	42	43	45	54	48	39		
H439	23 Seamist Avenue Ermington			H	Residential	57	52	50	41	29	43	18	48	51	46	14	18	19	46	53	44	52	51	44	13	9	18	9	28	29	40	53	39	40	39	48	42	33		
H440	25 Seamist Avenue Ermington			H	Residential	57	52	50	41	39	53	33	54	57	52	29	24	25	53	60	51	59	58	51	26	22	31	22	38	39	47	60	46	47	45	54	48	39		
H441	25 Seamist Avenue Ermington			H	Residential	57	52	50	41	37	51	30	55	58	53	26	21	22	51	58	49	57	56	49	22	18	27	18	32	33	49	62	48	49	43	52	46	37		
H442	27 Seamist Avenue Ermington			H	Residential	57	52	50	41	43	57	27	51	54	49	23	30	31	50	57	48	56	55	48	21	17	26	17	45	46	48	61	47	48	49	58	52	43		
H443	29 Seamist Avenue Ermington			H	Residential	57	52	50	41	37	51	32	53	56	51	28	24	25	53	60	51	59	58	51	26	22	31	22	40	41	41	54	40	41	46	55	49	40		
H444	3 Seamist Avenue Ermington			H	Residential	57	52	50	41	30	44	31	48	51	46	27	22	23	50	57	48	56	55	48	25	21	30	21	34	35	48	61	47	48	42	51	45	36		
H445	31 Seamist Avenue Ermington			H	Residential	57	52	50	41	40	54	33	52	55	50	28	26	27	54	61	52	60	59	52	26	22	31	22	40	41	44	57	43	44	50	59	53	44		
H446	37 Seamist Avenue Ermington			H	Residential	57	52	50	41	42	56	34	53	56	51	30	28	29	53	60	51	59	58	51	27	23	32	23	46	47	44	57	43	44	51	60	54	45		
H447	4 Seamist Avenue Ermington			H	Residential	57	52	50	41	31	45	31	42	45	40	26	25	26	43	50	41	49	48	41	25	21	30	21	35	36	38	51	37	38	43	52	46	37		
H448	41 Seamist Avenue Ermington			H	Residential	57	52	50	41	45	59	32	55	58	53	27	28	29	54	61	52	60	59	52	23	19	28	19	48	49	36	49	35	36	51	60	54	45		
H449	41 Seamist Avenue Ermington			H	Residential	57	52	50	41	40	54	32	48	51	46	28	19	20	51	58	49	57	56	49	22	18	27	18	31	32	45	58	44	45	46	55	49	40		
H450	45 Seamist Avenue Ermington			H	Residential	57	52	50	41	30	44	19	50	53	48	15	16	17	51	58	49	57	56	49	27	23	32	23	34	35	31	44	30	31	47	56	50	41		
H451	49 Seamist Avenue Ermington			H	Residential	57	52	50	41	45	59	33	52	55	50	29	24	25	52	59	50	58	57	50	24	20	29	20	47	48	34	47	33	34	50	59	53	44		
H452	51 Seamist Avenue Ermington			H	Residential	57	52	50	41	37	51	32	48	51	46	28	26	27	50	57	48	56	55	48	25	21	30	21	32	33	43	56	42	43	46	55	49	40		
H453	59 Seamist Avenue Ermington			H	Residential	57	52	50	41	44	58	33	41	44	39	29	29	30	49	56	47	55	54	47	24	20	29	20	41	42	41	54	40	41	45	54	48	39		
H454	6 Seamist Avenue Ermington			H	Residential	57	52	50	41	28	42	16	51	54	49	12	16	17	47	54	45	53	52	45	13	9	18	9	25	26	43	56	42	43	41	50	44	35		
H455	61 Seamist Avenue Ermington			H	Residential	57	52	50	41	45	59	33	45	48	43	29	32	33	50	57	48	56	55	48	25	21	30	21	46	47	43	56	42	43	45	54	48	39		
H456	7 Seamist Avenue Ermington			H	Residential	57	52	50	41	33	47	32	56	59	54	27	27	28	55	62	53	61	60	53	25	21	30	21	37	38	53	66	52	53	44	53	47	38		
H457	71 Seamist Avenue Ermington			H	Residential	57	52	50	41	45	59	34	53	56	51	30	32	33	51	58	49	57	56	49	24	20	29	20	48	49	39	52	38	39	51	60	54	45		
H458	71 Seamist Avenue Ermington			H	Residential	57	52	50	41	41	55	36	55	58	53	33	29	30	53	60	51	59	58	51	30	26	35	26	44	45	41	54	40	41	53	62	56	47		
H459	73 Seamist Avenue Ermington			H	Residential	57	52	50	41	35	49	25	39	42	37	21	19	20	41	48	39	47	46	39	16	12	21	12	37	38	36	49	35	36	39	48	42	33		
H460	77 Seamist Avenue Ermington			H	Residential	57	52	50	41	44	58	39	49	52	47	35	30	31	52	59	50	58	57	50	31	27	36	27	42	43	48	61	47	48	53	62	56	47		
H461	77 Seamist Avenue Ermington			H	Residential	57	52	50	41	30	44	28	37	40	35	24	22	23	36	43	34	42	41	34	19	15	24	15	33	34	32	45	31	32	34	43	37	28		
H462	8 Seamist Avenue Ermington			H	Residential	57	52	50	41	34	48	32	55	58	53	27	25	26	53	60	51	59	58	51	27	23	32	23	38	39	52	65	51	52	45	54	48	39		
H463	81 Seamist Avenue Ermington			H	Residential	57	52	50	41	44	58	35	47	50	45	31	28	29	50	57	48	56	55	48	27	23	32	23	35	36	47	60	46	47	52	61	55	46		
H464	101 South Street Ermington			H	Residential	57	52	50	41	73	87	36	64	67	62	33	37	38	83	90	81	89	88	81	31	27	36	27	53	54	81	94	80	81	74	83	77	68	X	X
H465	101 South Street Ermington			H	Residential	57	52	50	41	66	80	35	62	65	60	33	30	31	74	81	72	80	79	72	31	27	36	27	41	42	72	85	71	72	73	82	76	67		X
H466	103 South Street Ermington			H	Residential	57	52	50	41	73	87	36	64	67	62	33	37	38	83	90	81	89	88	81	31	27	36	27	55	56	81	94	80	81	71	80	74	65	X	X
H467	105 South Street Ermington			H	Residential	57	52	50	41	70	84	36	64	67	62	33	37	38	83	90	81	89	88	81	32	28	37	28	58	59	83	96	82	83	72	81	75	66	X	X
H468	105 South Street Ermington			H	Residential	57	52	50	41	67	81	30	51	54	49	22	25	26	76	83	74	82	81	74	29	25	34	25	41	42	74	87	73	74	73	82	76	67		X
H469	172 South Street Ermington		whole	H	Residential	57	52	50	41	83	97	39	66	69	64	35	40	41	83	90	81	89	88	81	33	29	38	29	53	54	85	98	84	85	72	81	75	66	X	X
H470	174 South Street Ermington			H	Residential	57	52	50	41	80	94	23	64	67	62	14	37	38	88	95	86	94	93	86	26	22	31	22	58	59	86	99	85	86	72	81	75	66	X	X
H471	176 South Street Ermington			H	Residential	57	52	50	41	66	80	29	53	56	51	25	24	25	82	89	80	88	87	80	28	24	33	24	52	53	80	93	79	80	76	85	79	70	X	X
H472	178 South Street Ermington			H	Residential	57	52	50	41	71	85	34	63	66	61	27	30	31	87	94	85	93	92	85	30	26	35	26	65	66	86	99	85	86	85	94	88	79	X	X
H473	10 Spurway Street Ermington			H	Residential	57	52	50	41	29	43	31	38	41	36	26	33	34	35	42	33	41	40	33	26	22	31	22	31	32	33	46	32	33	34	43	37	28		
H474	12 Spurway Street Ermington			H	Residential	57	52	50	41	32	46	22	34	37	32	16	30	31	39	46	37	45	44	37	17	13	22	13	32	33	31	44	30	31	38	47	41	32		
H475	14 Spurway Street Ermington			H	Residential	57	52	50	41	27	41	21	33	36	31	15	31	32	38	45	36	44	43	36	15	11	20	11	31	32	28	41	27	28	37	46	40	31		
H476	16 Spurway Street Ermington			H	Residential	57	52	50	41	30	44	21	33	36	31	15	31	32	38	45	36	44	43	36	16	12	21	12	32	33	30	43	29	30	37	46	40	31		
H477	18 Spurway Street Ermington			H	Residential	57	52	50	41	33	47	30	41	44	39	25	30	31	38	45	36	44	43	36	26	22	31	22	32	33	35	48	34	35	37	46	40	31		
H478	18 Spurway Street Ermington			H	Residential	57	52	50	41	23	37	33	36	39	34	30	24	25	34	41	32	40	39	32	27	23	32	23	31	32	32	45	31	32	33	42	36	27		
H479	2 Spurway Street Ermington			H	Residential	57	52	50	41	32	46	29	42	45	40	25	24	25	44	51	42	50	49	42	25	21	30	21	28	29	36	49	35	36	47	56	50	41		
H480	20 Spurway Street Ermington			H	Residential	57	52	50	41	29	43	32	36	39	34	30	33	34	35	42	33	41	40	33	27	23	32	23	33	34	33	46	32	33	34	43	37	28		
H481	4 Spurway Street Ermington			H	Residential	57	52	50	41	39	53	29	41	44	39	25	26	27	45	52	43	51	50	43	25	21	30	21	28	29	35	48	34	35	46	55	49	40		
H482	6 Spurway Street Ermington			H	Residential	57	52	50	41	37	51	22	38	41	36	18	27	28	43	50	41	49	48	41	21	17	26	17	36	37	33	46	32	33	43	52	46	37		
H483	8 Spurway Street Ermington			H	Residential	57	52	50	41	38	52	20	39	42	37	16	36	37	45	52	43	51	50	43	16	12	21	12	34	35	39	52	38	39	46	55	49	40		
H484	1 Tristram Street Ermington			H	Residential	57	52	50	41	56	70	14	94	97	92	10	33	34	81	88	79	87	86	79	19	15	24	15	37	38	68	81	67	68	63	72	66	57	X	X
H485	10 Tristram Street Ermington			H	Residential	57	52	50	41	55	69	15	75	78	73	11	30	31	65	72	63	71	70	63	19	15	24	15	40	41	63	76	62	63	63	72	66	57		X
H486	11 Tristram Street Ermington			H	Residential	57	52	50	41	51	65	19	72	75	70	13	26	27	81	88	79	87	86	79	20	16	25	16	39	40	56	69	55	56	57	66	60	51	X	X
H487	12 Tristram Street Ermington			H	Residential	57	52	50	41	55	69	18	77	80	75	13	27	28	67	74	65	73	72	65	12	8	17	8	36	37	64	77	63	64	63	72	66	57	X	X
H488	13 Tristram Street Ermington			H	Residential	57	52	50	41	55	69	20	75	78	73	15	27	28	84	91	82	90	89	82	28	24	33	24	41	42	55	68	54	55	67	76	70	61	X	X
H489	14 Tristram Street Ermington			H	Residential	57	52	50	41	55	69	17	78	81	76	14	28	29	68	75	66	74	73	66	12	8	17	8	38	39	64	77	63	64	62	71	65	56	X	X
H490	15 Tristram Street Ermington			H	Residential	57	52	50	41	45	59	26	77	80	75	18	22	23	82	89	80	88	87	80	25	21	30	21	47	48	39	52	38	39	69	78	72	63	X	X
H491	16 Tristram Street Ermington			H	Residential	57	52	50	41	49	63	20	79	82	77	13	26	27	69	76	67	75	74	67	18	14	23	14	52	53	63	76	62	63	60	69	63	54	X	X
H492	17 Tristram Street Ermington			H	Residential	57	52	50	41	67	81	34	83	86	81	31	33	34	89	96	87	95	94	87	31	27	36	27	69	70	56	69	55	56	74	83	77	68	X	X
H493	18 Tristram Street Ermington			H	Residential	57	52	50	41	54	68	21	78	81	76	14	36	37	69	76	67	75	74	67	17	13	22	13	53	54	63	76	62	63	60	69	63	54	X	X
H494	2 Tristram Street Ermington			H	Residential	57	52	50	41	56	70	15	68	71	66	11	23	24	63	70	61	69	68	61	13	9	18	9	29	30	61	74	60	61	64	73	67	58	X	X
H495	20 Tristram Street Ermington			H	Residential	57	52	50	41	53	67	20	73	76	71	15	27	28	70	77	68	76	75	68	29	25	34	25	55	56	60	73	59	60	64	73	67	58	X	X
H496	22 Tristram Street Ermington			H	Residential	57	52	50	41	54	68	20	71	74	69	14	32	33	70	77	68	76	75	68	28	24	33	24	56	57	58	71	57	58	65	74	68	59	X	X
H497	24 Tristram Street Ermington			H	Residential	57	52	50	41	56	70	30	70	73	68	20	33	34	70	77	68	76	75	68	28	24	33	24	59	60	57	70	56	57	66	75	69	60	X	X
H498	26 Tristram Street Ermington			H	Residential	57	52	50	41	58	72	34	68	71	66	26	33	34	70	77	68	76	75	68	29	25	34	25	61	62	51	64	50	51	68	77	71	62	X	X
H499	28 Tristram Street Ermington			H	Residential	57	52	50	41	59	73	31	68	71	66	27	32	33	69	76	67	75	74	67	28	24	33	24	62	63	45	58	44	45	71	80	74	65	X	X
H500	3 Tristram Street Ermington			H	Residential	57	52	50	41	54	68	16	78	81	76	10	33	34	91	98	89	97	96	89	27	23	32	23	41	42	66	79	65	66	62	71	65	56	X	X
H501	4 Tristram Street Ermington			H	Residential	57	52	50	41	56	70	22	70	73	68	14	22	23	64	71	62	70	69	62	20	16	25	16	31	32	62	75	61	62	64	73	67	58		X
H502	5 Tristram Street Ermington			H	Residential	57	52	50	41	50	64	30	73	76	71	19	22	23	85	92	83	91	90	83	28	24	33	24	37	38	63	76	62	63	60	69	63	54	X	X
H503	6 Tristram Street Ermington			H	Residential	57	52	50	41	56	70	16	72	75	70	12	28	29	64	71	62	70	69	62	13	9	18	9	39	40	62	75	61	62	64	73	67	58		X
H504	8 Tristram Street Ermington			H	Residential	57	52	50	41	55	69	17	73	76	71	12	26	27	64	71	62	70	69	62	19	15	24	15	38	39	62	75	61	62	63	72	66	57		X
H505	9 Tristram Street Ermington			H	Residential	57	52	50	41	48	62	21	70	73	68	14	22	23	82	89	80	88	87	80	28	24	33	24	38	39	60	73	59	60	60	69	63	54	X	X
H506	9 Tristram Street Ermington			H	Residential	57	52	50	41	52	66	20	70	73	68	15	22	23	81	88	79	87	86	79	27	23	32	23	38	39	59	72	58	59	61	70	64	55	X	X
H507	479 Victoria Road Ermington	Red Rooster		H	Commercial	70	0	0	0	38	52	36	38	41	36	33	36	37	44	51	42	50	49	42	31	27	36	27	34	35	42	55	41	42	44	53	47	38		
H508	521 Victoria Road Ermington	Ermington Hotel		H	Commercial	70	0	0	0	39	53	35	42	45	40	30	25	26	46	53	44	52	51	44	29	25	34	25	33	34	44	57	43	44	45	54	48	39		
H509	521 Victoria Road Ermington			H	Commercial	70	0	0	0	33	47	24	34	37	32	18	19	20	39	46	37	45	44	37	21	17	26	17	25	26	37	50	36	37	38	47	41	32		
H510	525 Victoria Road Ermington	Woolworths		H	Commercial	70	0	0	0	28	42	32	35	38	33	24	27	28	36	43	34	42	41	34	28	24	33	24	29	30	34	47	33	34	36	45	39	30		
H511	527 Victoria Road Ermington			H	Commercial	70	0	0	0	25	39	35	37	40	35	29	23	24	36	43	34	42	41	34	29	25	34	25	27	28	30	43	29	30	36	45	39	30		
H512	529 Victoria Road Ermington			H	Commercial	70	0	0	0	25	39	26	38	41	36	18	19	20	37	44	35	43	42	35	22	18	27	18	28	29	26	39	25	26	38	47	41	32		
H513	531-537 Victoria Road Ermington			H	Commercial	70	0	0	0	32	46	32	36	39	34	26	20	21	35	42	33	41	40	33	27	23	32	23	36	37	32	45	31	32	34	43	37	28		
H514	531-537 Victoria Road Ermington			H	Commercial	70	0	0	0	27	41	32	35	38	33	29	24	25	34	41	32	40	39	32	26	22	31	22	32	33	32	45	31	32	33	42	36	27		
H515	1 Winnya Street Ermington			H	Residential	57	52	50	41	34	48	23	53	56	51	19	19	20	52	59	50	58	57	50	16	12	21	12	38	39	31	44	30	31	49	58	52	43		
H516	10 Winnya Street Ermington			H	Residential	57	52	50	41	42	56	34	52	55	50	29	31	32	52	59	50	58	57	50	27	23	32	23	45	46	41	54	40	41	50	59	53	44		
H517	10 Winnya Street Ermington			H	Residential	57	52	50	41	37	51	23	49	52	47	19	25	26	48	55	46	54	53	46	17	13	22	13	32	33	46	59	45	46	47	56	50	41		
H518	11 Winnya Street Ermington			H	Residential	57	52	50	41	45	59	34	55	58	53	30	31	32	54	61	52	60	59	52	27	23	32	23	41	42	43	56	42	43	52	61	55	46		
H519	13 Winnya Street Ermington			H	Residential	57	52	50	41	47	61	34	57	60	55	30	30	31	56	63	54	62	61	54	27	23	32	23	50	51	49	62	48	49	54	63	57	48		
H520	2 Winnya Street Ermington			H	Residential	57	52	50	41	43	57	33	51	54	49	29	30	31	52	59	50	58	57	50	27	23	32	23	47	48	41	54	40	41	49	58	52	43		
H521	20 Winnya Street Ermington			H	Residential	57	52	50	41	42	56	33	53	56	51	31	30	31	51	58	49	57	56	49	27	23	32	23	46	47	35	48	34	35	50	59	53	44		
H522	22 Winnya Street Ermington			H	Residential	57	52	50	41	33	47	31	46	49	44	26	23	24	48	55	46	54	53	46	24	20	29	20	28	29	37	50	36	37	42	51	45	36		
H523	24 Winnya Street Ermington			H	Residential	57	52	50	41	42	56	36	54	57	52	32	29	30	53	60	51	59	58	51	29	25	34	25	46	47	45	58	44	45	52	61	55	46		
H524	24 Winnya Street Ermington			H	Residential	57	52	50	41	42	56	24	47	50	45	20	25	26	48	55	46	54	53	46	24	20	29	20	32	33	43	56	42	43	48	57	51	42		
H525	3 Winnya Street Ermington			H	Residential	57	52	50	41	38	52	23	53	56	51	19	30	31	52	59	50	58	57	50	16	12	21	12	41	42	32	45	31	32	50	59	53	44		
H526	30 Winnya Street Ermington			H	Residential	57	52	50	41	37	51	30	52	55	50	26	22	23	52	59	50	58	57	50	22	18	27	18	40	41	36	49	35	36	50	59	53	44		
H527	32 Winnya Street Ermington			H	Residential	57	52	50	41	39	53	33	52	55	50	29	29	30	52	59	50	58	57	50	27	23	32	23	42	43	37	50	36	37	49	58	52	43		
H528	34 Winnya Street Ermington			H	Residential	57	52	50	41	38	52	23	49	52	47	19	25	26	50	57	48	56	55	48	16	12	21	12	34	35	40	53	39	40	45	54	48	39		
H529	36 Winnya Street Ermington			H	Residential	57	52	50	41	42	56	32	55	58	53	28	23	24	55	62	53	61	60	53	26	22	31	22	45	46	50	63	49	50	50	59	53	44		
H530	36 Winnya Street Ermington			H	Residential	57	52	50	41	38	52	27	46	49	44	23	19	20	51	58	49	57	56	49	23	19	28	19	31	32	41	54	40	41	45	54	48	39		
H531	38 Winnya Street Ermington			H	Residential	57	52	50	41	45	59	34	55	58	53	30	29	30	54	61	52	60	59	52	27	23	32	23	46	47	50	63	49	50	51	60	54	45		
H532	5 Winnya Street Ermington			H	Residential	57	52	50	41	35	49	35	54	57	52	30	26	27	53	60	51	59	58	51	28	24	33	24	38	39	35	48	34	35	51	60	54	45		
H533	7 Winnya Street Ermington			H	Residential	57	52	50	41	41	55	36	60	63	58	32	27	28	58	65	56	64	63	56	29	25	34	25	37	38	42	55	41	42	56	65	59	50		
H534	8 Winnya Street Ermington			H	Residential	57	52	50	41	40	54	19	48	51	46	15	24	25	47	54	45	53	52	45	24	20	29	20	32	33	45	58	44	45	46	55	49	40		
H535	9 Winnya Street Ermington			H	Residential	57	52	50	41	44	58	34	53	56	51	30	31	32	56	63	54	62	61	54	29	25	34	25	46	47	43	56	42	43	51	60	54	45		
H536	13 Yarramona Street Ermington			H	Residential	57	52	50	41	37	51	26	40	43	38	22	25	26	43	50	41	49	48	41	23	19	28	19	36	37	43	56	42	43	46	55	49	40		
H537	17 Yarramona Street Ermington			H	Residential	57	52	50	41	36	50	27	41	44	39	23	21	22	43	50	41	49	48	41	22	18	27	18	35	36	41	54	40	41	43	52	46	37		
H538	19 Yarramona Street Ermington			H	Residential	57	52	50	41	41	55	28	50	53	48	23	25	26	48	55	46	54	53	46	24	20	29	20	45	46	39	52	38	39	48	57	51	42		
H539	21 Yarramona Street Ermington			H	Residential	57	52	50	41	35	49	29	40	43	38	25	22	23	46	53	44	52	51	44	25	21	30	21	37	38	44	57	43	44	47	56	50	41		
H540	25 Yarramona Street Ermington			H	Residential	57	52	50	41	30	44	22	35	38	33	18	18	19	43	50	41	49	48	41	21	17	26	17	31	32	41	54	40	41	42	51	45	36		
H541	29 Yarramona Street Ermington			H	Residential	57	52	50	41	33	47	35	40	43	38	31	27	28	43	50	41	49	48	41	28	24	33	24	34	35	41	54	40	41	43	52	46	37		
H542	31 Yarramona Street Ermington			H	Residential	57	52	50	41	40	54	32	50	53	48	28	27	28	48	55	46	54	53	46	20	16	25	16	44	45	40	53	39	40	47	56	50	41		
H543	35 Yarramona Street Ermington			H	Residential	57	52	50	41	41	55	21	47	50	45	16	24	25	47	54	45	53	52	45	19	15	24	15	40	41	36	49	35	36	45	54	48	39		
H544	35 Yarramona Street Ermington			H	Residential	57	52	50	41	33	47	24	48	51	46	20	18	19	43	50	41	49	48	41	17	13	22	13	37	38	41	54	40	41	43	52	46	37		
H545	10 Zanana Street Ermington			H	Residential	57	52	50	41	42	56	34	54	57	52	30	25	26	52	59	50	58	57	50	26	22	31	22	44	45	36	49	35	36	51	60	54	45		
H546	12 Zanana Street Ermington			H	Residential	57	52	50	41	40	54	30	50	53	48	26	26	27	49	56	47	55	54	47	21	17	26	17	38	39	33	46	32	33	47	56	50	41		
H547	13 Zanana Street Ermington			H	Residential	57	52	50	41	43	57	32	49	52	47	28	24	25	48	55	46	54	53	46	26	22	31	22	46	47	33	46	32	33	48	57	51	42		
H548	14 Zanana Street Ermington			H	Residential	57	52	50	41	29	43	19	41	44	39	15	15	16	52	59	50	58	57	50	14	10	19	10	33	34	34	47	33	34	37	46	40	31		
H549	16 Zanana Street Ermington			H	Residential	57	52	50	41	40	54	36	55	58	53	32	27	28	54	61	52	60	59	52	30	26	35	26	43	44	43	56	42	43	51	60	54	45		
H550	19 Zanana Street Ermington			H	Residential	57	52	50	41	40	54	24	52	55	50	19	30	31	52	59	50	58	57	50	15	11	20	11	32	33	44	57	43	44	50	59	53	44		
H551	23 Zanana Street Ermington			H	Residential	57	52	50	41	34	48	29	49	52	47	25	20	21	48	55	46	54	53	46	23	19	28	19	37	38	31	44	30	31	47	56	50	41		
H552	23 Zanana Street Ermington			H	Residential	57	52	50	41	40	54	29	50	53	48	20	29	30	50	57	48	56	55	48	18	14	23	14	44	45	36	49	35	36	48	57	51	42		
H553	25 Zanana Street Ermington			H	Residential	57	52	50	41	40	54	21	52	55	50	17	25	26	52	59	50	58	57	50	16	12	21	12	40	41	44	57	43	44	50	59	53	44		
H554	3 Zanana Street Ermington			H	Residential	57	52	50	41	39	53	23	52	55	50	19	30	31	51	58	49	57	56	49	12	8	17	8	34	35	44	57	43	44	49	58	52	43		
H555	31 Zanana Street Ermington			H	Residential	57	52	50	41	37	51	27	46	49	44	23	23	24	49	56	47	55	54	47	18	14	23	14	32	33	42	55	41	42	43	52	46	37		
H556	31 Zanana Street Ermington			H	Residential	57	52	50	41	38	52	24	50	53	48	20	18	19	50	57	48	56	55	48	18	14	23	14	42	43	35	48	34	35	46	55	49	40		
H557	33 Zanana Street Ermington			H	Residential	57	52	50	41	34	48	36	50	53	48	32	30	31	50	57	48	56	55	48	28	24	33	24	37	38	34	47	33	34	49	58	52	43		
H558	35 Zanana Street Ermington			H	Residential	57	52	50	41	38	52	27	54	57	52	23	25	26	53	60	51	59	58	51	28	24	33	24	38	39	40	53	39	40	51	60	54	45		
H559	37 Zanana Street Ermington			H	Residential	57	52	50	41	36	50	22	54	57	52	18	18	19	53	60	51	59	58	51	17	13	22	13	38	39	31	44	30	31	52	61	55	46		
H560	41 Zanana Street Ermington			H	Residential	57	52	50	41	47	61	27	56	59	54	22	28	29	54	61	52	60	59	52	21	17	26	17	50	51	39	52	38	39	54	63	57	48		
H561	8 Zanana Street Ermington			H	Residential	57	52	50	41	43	57	33	54	57	52	29	29	30	53	60	51	59	58	51	25	21	30	21	45	46	37	50	36	37	51	60	54	45		
I001	10 Atkins Road Ermington			I	Residential	50	45	44	40	50	64	10	55	58	53	5	49	50	53	60	51	59	58	51	5	1	10	1	53	54	37	50	36	37	56	65	59	50		
I002	12 Atkins Road Ermington			I	Residential	50	45	44	40	46	60	10	53	56	51	5	49	50	52	59	50	58	57	50	5	1	10	1	49	50	37	50	36	37	51	60	54	45		
I003	14 Atkins Road Ermington			I	Residential	50	45	44	40	44	58	11	52	55	50	5	47	48	50	57	48	56	55	48	6	2	11	2	44	45	36	49	35	36	49	58	52	43		
I004	16 Atkins Road Ermington			I	Residential	50	45	44	40	52	66	10	56	59	54	5	49	50	56	63	54	62	61	54	5	1	10	1	54	55	34	47	33	34	58	67	61	52		
I005	18 Atkins Road Ermington			I	Residential	50	45	44	40	52	66	11	57	60	55	6	48	49	57	64	55	63	62	55	7	3	12	3	55	56	35	48	34	35	59	68	62	53		
I006	2 Atkins Road Ermington			I	Residential	50	45	44	40	48	62	11	54	57	52	5	49	50	53	60	51	59	58	51	6	2	11	2	50	51	36	49	35	36	54	63	57	48		
I007	20 Atkins Road Ermington			I	Residential	50	45	44	40	47	61	25	53	56	51	14	51	52	53	60	51	59	58	51	20	16	25	16	50	51	34	47	33	34	52	61	55	46		
I008	22 Atkins Road Ermington			I	Residential	50	45	44	40	53	67	11	58	61	56	6	45	46	58	65	56	64	63	56	7	3	12	3	56	57	35	48	34	35	59	68	62	53		
I009	24 Atkins Road Ermington			I	Residential	50	45	44	40	54	68	12	59	62	57	6	48	49	59	66	57	65	64	57	7	3	12	3	56	57	34	47	33	34	60	69	63	54		
I010	24 Atkins Road Ermington			I	Residential	50	45	44	40	46	60	22	52	55	50	15	49	50	55	62	53	61	60	53	21	17	26	17	49	50	24	37	23	24	55	64	58	49		
I011	26 Atkins Road Ermington			I	Residential	50	45	44	40	49	63	12	55	58	53	6	52	53	55	62	53	61	60	53	7	3	12	3	53	54	35	48	34	35	54	63	57	48		
I012	28 Atkins Road Ermington			I	Residential	50	45	44	40	46	60	26	52	55	50	17	45	46	52	59	50	58	57	50	21	17	26	17	49	50	31	44	30	31	52	61	55	46		
I013	30 Atkins Road Ermington			I	Residential	50	45	44	40	68	82	13	68	71	66	6	62	63	70	77	68	76	75	68	8	4	13	4	67	68	36	49	35	36	84	93	87	78	X	X
I014	32 Atkins Road Ermington			I	Residential	50	45	44	40	71	85	11	69	72	67	5	62	63	73	80	71	79	78	71	6	2	11	2	69	70	36	49	35	36	87	96	90	81	X	X
I015	34 Atkins Road Ermington			I	Residential	50	45	44	40	44	58	26	45	48	43	23	31	32	52	59	50	58	57	50	0	0	0	0	47	48	36	49	35	36	54	63	57	48		
I016	36 Atkins Road Ermington			I	Residential	50	45	44	40	43	57	24	42	45	40	12	28	29	51	58	49	57	56	49	0	0	0	0	46	47	27	40	26	27	51	60	54	45		
I017	4 Atkins Road Ermington			I	Residential	50	45	44	40	49	63	10	54	57	52	5	49	50	54	61	52	60	59	52	5	1	10	1	50	51	36	49	35	36	55	64	58	49		
I018	6 Atkins Road Ermington			I	Residential	50	45	44	40	49	63	11	54	57	52	5	49	50	54	61	52	60	59	52	6	2	11	2	52	53	34	47	33	34	54	63	57	48		
I019	8 Atkins Road Ermington			I	Residential	50	45	44	40	45	59	10	51	54	49	5	48	49	50	57	48	56	55	48	13	9	18	9	46	47	36	49	35	36	49	58	52	43		
I020	1 Bannerman Street Ermington			I	Residential	50	45	44	40	25	39	29	32	35	30	26	26	27	45	52	43	51	50	43	24	20	29	20	29	30	28	41	27	28	45	54	48	39		
I021	10 Bannerman Street Ermington			I	Residential	50	45	44	40	21	35	29	32	35	30	24	22	23	49	56	47	55	54	47	24	20	29	20	35	36	28	41	27	28	49	58	52	43		
I022	11 Bannerman Street Ermington			I	Residential	50	45	44	40	27	41	29	33	36	31	26	23	24	50	57	48	56	55	48	24	20	29	20	35	36	28	41	27	28	50	59	53	44		
I023	12 Bannerman Street Ermington			I	Residential	50	45	44	40	26	40	29	32	35	30	21	24	25	49	56	47	55	54	47	24	20	29	20	30	31	30	43	29	30	51	60	54	45		
I024	13 Bannerman Street Ermington			I	Residential	50	45	44	40	26	40	29	35	38	33	25	25	26	50	57	48	56	55	48	24	20	29	20	34	35	30	43	29	30	50	59	53	44		
I025	14 Bannerman Street Ermington			I	Residential	50	45	44	40	38	52	22	35	38	33	15	35	36	48	55	46	54	53	46	17	13	22	13	46	47	29	42	28	29	47	56	50	41		
I026	15 Bannerman Street Ermington			I	Residential	50	45	44	40	26	40	29	35	38	33	25	25	26	50	57	48	56	55	48	24	20	29	20	33	34	30	43	29	30	51	60	54	45		
I027	16 Bannerman Street Ermington			I	Residential	50	45	44	40	25	39	29	34	37	32	25	23	24	51	58	49	57	56	49	24	20	29	20	31	32	30	43	29	30	52	61	55	46		
I028	17 Bannerman Street Ermington			I	Residential	50	45	44	40	25	39	29	33	36	31	25	23	24	51	58	49	57	56	49	24	20	29	20	33	34	28	41	27	28	51	60	54	45		
I029	18 Bannerman Street Ermington			I	Residential	50	45	44	40	39	53	24	34	37	32	18	32	33	50	57	48	56	55	48	19	15	24	15	47	48	29	42	28	29	49	58	52	43		
I030	19 Bannerman Street Ermington			I	Residential	50	45	44	40	24	38	29	33	36	31	23	25	26	51	58	49	57	56	49	24	20	29	20	35	36	27	40	26	27	51	60	54	45		
I031	2 Bannerman Street Ermington			I	Residential	50	45	44	40	20	34	27	26	29	24	20	25	26	46	53	44	52	51	44	23	19	28	19	31	32	22	35	21	22	46	55	49	40		
I032	20 Bannerman Street Ermington			I	Residential	50	45	44	40	39	53	23	32	35	30	18	30	31	48	55	46	54	53	46	19	15	24	15	47	48	29	42	28	29	47	56	50	41		
I033	21 Bannerman Street Ermington			I	Residential	50	45	44	40	24	38	29	34	37	32	24	23	24	51	58	49	57	56	49	24	20	29	20	33	34	28	41	27	28	51	60	54	45		
I034	22 Bannerman Street Ermington			I	Residential	50	45	44	40	24	38	29	33	36	31	22	34	35	52	59	50	58	57	50	24	20	29	20	35	36	28	41	27	28	52	61	55	46		
I035	23 Bannerman Street Ermington			I	Residential	50	45	44	40	42	56	25	42	45	40	18	41	42	52	59	50	58	57	50	21	17	26	17	49	50	32	45	31	32	51	60	54	45		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
I036	24 Bannerman Street Ermington			I	Residential	50	45	44	40	24	38	29	33	36	31	22	33	34	50	57	48	56	55	48	24	20	29	20	43	44	29	42	28	29	50	59	53	44		
I037	25 Bannerman Street Ermington			I	Residential	50	45	44	40	32	46	30	35	38	33	27	33	34	54	61	52	60	59	52	24	20	29	20	47	48	30	43	29	30	53	62	56	47		
I038	26 Bannerman Street Ermington			I	Residential	50	45	44	40	30	44	29	32	35	30	25	31	32	52	59	50	58	57	50	24	20	29	20	37	38	29	42	28	29	53	62	56	47		
I039	27 Bannerman Street Ermington			I	Residential	50	45	44	40	31	45	29	33	36	31	26	32	33	52	59	50	58	57	50	24	20	29	20	39	40	30	43	29	30	52	61	55	46		
I040	28 Bannerman Street Ermington			I	Residential	50	45	44	40	39	53	17	38	41	36	11	36	37	47	54	45	53	52	45	13	9	18	9	42	43	31	44	30	31	49	58	52	43		
I041	29 Bannerman Street Ermington			I	Residential	50	45	44	40	31	45	29	32	35	30	21	27	28	53	60	51	59	58	51	24	20	29	20	39	40	28	41	27	28	52	61	55	46		
I042	3 Bannerman Street Ermington			I	Residential	50	45	44	40	22	36	29	32	35	30	26	27	28	46	53	44	52	51	44	24	20	29	20	29	30	28	41	27	28	46	55	49	40		
I043	30 Bannerman Street Ermington			I	Residential	50	45	44	40	32	46	29	32	35	30	22	35	36	52	59	50	58	57	50	24	20	29	20	40	41	28	41	27	28	50	59	53	44		
I044	31 Bannerman Street Ermington			I	Residential	50	45	44	40	29	43	29	31	34	29	18	26	27	53	60	51	59	58	51	24	20	29	20	37	38	28	41	27	28	53	62	56	47		
I045	33 Bannerman Street Ermington			I	Residential	50	45	44	40	40	54	28	46	49	44	17	44	45	55	62	53	61	60	53	24	20	29	20	51	52	31	44	30	31	55	64	58	49		
I046	4 Bannerman Street Ermington			I	Residential	50	45	44	40	20	34	31	29	32	27	25	33	34	46	53	44	52	51	44	26	22	31	22	25	26	26	39	25	26	47	56	50	41		
I047	5 Bannerman Street Ermington			I	Residential	50	45	44	40	22	36	29	31	34	29	24	28	29	46	53	44	52	51	44	24	20	29	20	32	33	28	41	27	28	46	55	49	40		
I048	6 Bannerman Street Ermington			I	Residential	50	45	44	40	21	35	29	32	35	30	24	32	33	46	53	44	52	51	44	24	20	29	20	27	28	29	42	28	29	47	56	50	41		
I049	7 Bannerman Street Ermington			I	Residential	50	45	44	40	21	35	29	32	35	30	24	27	28	46	53	44	52	51	44	24	20	29	20	31	32	28	41	27	28	46	55	49	40		
I050	8 Bannerman Street Ermington			I	Residential	50	45	44	40	21	35	29	32	35	30	24	33	34	47	54	45	53	52	45	24	20	29	20	27	28	29	42	28	29	47	56	50	41		
I051	9 Bannerman Street Ermington			I	Residential	50	45	44	40	27	41	29	33	36	31	24	23	24	49	56	47	55	54	47	24	20	29	20	30	31	28	41	27	28	48	57	51	42		
I052	1 Boronia Street Ermington			I	Residential	50	45	44	40	69	83	22	65	68	63	13	28	29	84	91	82	90	89	82	21	17	26	17	38	39	69	82	68	69	94	103	97	88	X	X
I053	1 Boronia Street Ermington			I	Residential	50	45	44	40	65	79	25	63	66	61	14	25	26	82	89	80	88	87	80	22	18	27	18	44	45	65	78	64	65	88	97	91	82	X	X
I054	10 Boronia Street Ermington			I	Residential	50	45	44	40	52	66	29	55	58	53	26	41	42	85	92	83	91	90	83	25	21	30	21	53	54	55	68	54	55	97	106	100	91	X	X
I055	11 Boronia Street Ermington			I	Residential	50	45	44	40	52	66	21	53	56	51	14	34	35	82	89	80	88	87	80	25	21	30	21	55	56	42	55	41	42	86	95	89	80	X	X
I056	12 Boronia Street Ermington			I	Residential	50	45	44	40	49	63	29	54	57	52	26	41	42	85	92	83	91	90	83	25	21	30	21	54	55	53	66	52	53	94	103	97	88	X	X
I057	13 Boronia Street Ermington			I	Residential	50	45	44	40	50	64	25	54	57	52	15	32	33	81	88	79	87	86	79	24	20	29	20	58	59	52	65	51	52	86	95	89	80	X	X
I058	14 Boronia Street Ermington			I	Residential	50	45	44	40	51	65	29	53	56	51	26	42	43	85	92	83	91	90	83	25	21	30	21	59	60	52	65	51	52	96	105	99	90	X	X
I059	15 Boronia Street Ermington			I	Residential	50	45	44	40	51	65	23	52	55	50	12	33	34	82	89	80	88	87	80	24	20	29	20	59	60	49	62	48	49	87	96	90	81	X	X
I060	15 Boronia Street Ermington			I	Residential	50	45	44	40	46	60	30	47	50	45	25	43	44	72	79	70	78	77	70	25	21	30	21	51	52	38	51	37	38	82	91	85	76	X	X
I061	16 Boronia Street Ermington			I	Residential	50	45	44	40	52	66	29	53	56	51	25	42	43	85	92	83	91	90	83	24	20	29	20	59	60	50	63	49	50	97	106	100	91	X	X
I062	17 Boronia Street Ermington			I	Residential	50	45	44	40	52	66	20	50	53	48	11	40	41	82	89	80	88	87	80	24	20	29	20	59	60	47	60	46	47	107	116	110	101	X	X
I063	18 Boronia Street Ermington			I	Residential	50	45	44	40	53	67	29	50	53	48	24	42	43	85	92	83	91	90	83	24	20	29	20	62	63	44	57	43	44	95	104	98	89	X	X
I064	19 Boronia Street Ermington			I	Residential	50	45	44	40	53	67	20	47	50	45	9	38	39	83	90	81	89	88	81	24	20	29	20	61	62	43	56	42	43	100	109	103	94	X	X
I065	2 Boronia Street Ermington			I	Residential	50	45	44	40	62	76	25	64	67	62	15	35	36	87	94	85	93	92	85	24	20	29	20	39	40	67	80	66	67	103	112	106	97	X	X
I066	2 Boronia Street Ermington			I	Residential	50	45	44	40	59	73	30	63	66	61	26	36	37	85	92	83	91	90	83	24	20	29	20	42	43	65	78	64	65	95	104	98	89	X	X
I067	20 Boronia Street Ermington			I	Residential	50	45	44	40	50	64	29	50	53	48	19	42	43	84	91	82	90	89	82	24	20	29	20	62	63	43	56	42	43	93	102	96	87	X	X
I068	21 Boronia Street Ermington			I	Residential	50	45	44	40	53	67	20	46	49	44	11	34	35	83	90	81	89	88	81	24	20	29	20	62	63	41	54	40	41	90	99	93	84	X	X
I069	22 Boronia Street Ermington			I	Residential	50	45	44	40	54	68	29	50	53	48	22	42	43	85	92	83	91	90	83	25	21	30	21	64	65	42	55	41	42	95	104	98	89	X	X
I070	23 Boronia Street Ermington			I	Residential	50	45	44	40	54	68	18	46	49	44	9	40	41	83	90	81	89	88	81	24	20	29	20	63	64	41	54	40	41	91	100	94	85	X	X
I071	23 Boronia Street Ermington			I	Residential	50	45	44	40	55	69	15	45	48	43	8	35	36	83	90	81	89	88	81	23	19	28	19	64	65	40	53	39	40	90	99	93	84	X	X
I072	24 Boronia Street Ermington			I	Residential	50	45	44	40	55	69	28	51	54	49	21	42	43	86	93	84	92	91	84	24	20	29	20	66	67	41	54	40	41	98	107	101	92	X	X
I073	24 Boronia Street Ermington			I	Residential	50	45	44	40	42	56	20	37	40	35	12	29	30	76	83	74	82	81	74	18	14	23	14	46	47	35	48	34	35	78	87	81	72	X	X
I074	25 Boronia Street Ermington			I	Residential	50	45	44	40	51	65	11	46	49	44	7	41	42	72	79	70	78	77	70	10	6	15	6	57	58	32	45	31	32	72	81	75	66		X
I075	25 Boronia Street Ermington			I	Residential	50	45	44	40	55	69	19	46	49	44	11	41	42	83	90	81	89	88	81	24	20	29	20	66	67	39	52	38	39	91	100	94	85	X	X
I076	26 Boronia Street Ermington			I	Residential	50	45	44	40	54	68	28	51	54	49	21	42	43	84	91	82	90	89	82	23	19	28	19	68	69	32	45	31	32	91	100	94	85	X	X
I077	28 Boronia Street Ermington			I	Residential	50	45	44	40	54	68	28	51	54	49	21	42	43	84	91	82	90	89	82	24	20	29	20	69	70	39	52	38	39	101	110	104	95	X	X
I078	29 Boronia Street Ermington			I	Residential	50	45	44	40	56	70	20	44	47	42	11	33	34	83	90	81	89	88	81	17	13	22	13	68	69	39	52	38	39	90	99	93	84	X	X
I079	3 Boronia Street Ermington			I	Residential	50	45	44	40	63	77	20	59	62	57	14	27	28	79	86	77	85	84	77	23	19	28	19	32	33	55	68	54	55	83	92	86	77	X	X
I080	3 Boronia Street Ermington			I	Residential	50	45	44	40	42	56	30	55	58	53	23	22	23	74	81	72	80	79	72	27	23	32	23	37	38	41	54	40	41	75	84	78	69		X
I081	30 Boronia Street Ermington			I	Residential	50	45	44	40	60	74	28	48	51	46	19	42	43	87	94	85	93	92	85	23	19	28	19	80	81	38	51	37	38	105	114	108	99	X	X
I082	31 Boronia Street Ermington			I	Residential	50	45	44	40	57	71	14	43	46	41	8	39	40	83	90	81	89	88	81	22	18	27	18	70	71	38	51	37	38	91	100	94	85	X	X
I083	32 Boronia Street Ermington			I	Residential	50	45	44	40	49	63	24	44	47	42	14	41	42	82	89	80	88	87	80	23	19	28	19	80	81	30	43	29	30	95	104	98	89	X	X
I084	33 Boronia Street Ermington			I	Residential	50	45	44	40	58	72	21	44	47	42	10	42	43	85	92	83	91	90	83	24	20	29	20	74	75	37	50	36	37	99	108	102	93	X	X
I085	34 Boronia Street Ermington			I	Residential	50	45	44	40	65	79	28	49	52	47	19	42	43	84	91	82	90	89	82	23	19	28	19	82	83	32	45	31	32	99	108	102	93	X	X
I086	35 Boronia Street Ermington			I	Residential	50	45	44	40	59	73	17	43	46	41	9	42	43	84	91	82	90	89	82	15	11	20	11	78	79	37	50	36	37	98	107	101	92	X	X
I087	36 Boronia Street Ermington			I	Residential	50	45	44	40	68	82	28	49	52	47	19	42	43	84	91	82	90	89	82	23	19	28	19	81	82	36	49	35	36	99	108	102	93	X	X
I088	37 Boronia Street Ermington			I	Residential	50	45	44	40	61	75	23	37	40	35	12	38	39	80	87	78	86	85	78	22	18	27	18	78	79	34	47	33	34	87	96	90	81	X	X
I089	38 Boronia Street Ermington			I	Residential	50	45	44	40	73	87	28	49	52	47	18	43	44	84	91	82	90	89	82	23	19	28	19	82	83	39	52	38	39	103	112	106	97	X	X
I090	39 Boronia Street Ermington			I	Residential	50	45	44	40	63	77	28	42	45	40	15	43	44	83	90	81	89	88	81	23	19	28	19	80	81	37	50	36	37	92	101	95	86	X	X
I091	4 Boronia Street Ermington			I	Residential	50	45	44	40	58	72	30	63	66	61	25	37	38	84	91	82	90	89	82	25	21	30	21	44	45	64	77	63	64	94	103	97	88	X	X
I092	40 Boronia Street Ermington		whole	I	Residential	50	45	44	40	94	108	28	48	51	46	17	43	44	88	95	86	94	93	86	23	19	28	19	76	77	39	52	38	39	92	101	95	86	X	X
I093	41 Boronia Street Ermington			I	Residential	50	45	44	40	64	78	16	42	45	40	10	39	40	82	89	80	88	87	80	18	14	23	14	80	81	37	50	36	37	96	105	99	90	X	X
I094	41 Boronia Street Ermington			I	Residential	50	45	44	40	65	79	20	43	46	41	11	31	32	82	89	80	88	87	80	18	14	23	14	79	80	37	50	36	37	96	105	99	90	X	X
I095	42 Boronia Street Ermington			I	Residential	50	45	44	40	90	104	28	48	51	46	18	36	37	83	90	81	89	88	81	23	19	28	19	72	73	39	52	38	39	96	105	99	90	X	X
I096	44 Boronia Street Ermington			I	Residential	50	45	44	40	74	88	28	41	44	39	19	30	31	81	88	79	87	86	79	22	18	27	18	69	70	28	41	27	28	88	97	91	82	X	X
I097	45 Boronia Street Ermington			I	Residential	50	45	44	40	67	81	23	43	46	41	11	38	39	82	89	80	88	87	80	21	17	26	17	80	81	38	51	37	38	97	106	100	91	X	X
I098	46 Boronia Street Ermington			I	Residential	50	45	44	40	69	83	29	43	46	41	19	27	28	82	89	80	88	87	80	24	20	29	20	67	68	38	51	37	38	88	97	91	82	X	X
I099	47 Boronia Street Ermington	Cafe 4TY7 Ermington		I	Commercial	70	0	0	0	70	84	27	52	55	50	13	45	46	86	93	84	92	91	84	23	19	28	19	75	76	38	51	37	38	105	114	108	99	X	X
I100	48 Boronia Street Ermington			I	Residential	50	45	44	40	58	72	28	43	46	41	21	38	39	82	89	80	88	87	80	23	19	28	19	60	61	39	52	38	39	93	102	96	87	X	X
I101	49 Boronia Street Ermington			I	Residential	50	45	44	40	70	84	15	52	55	50	8	45	46	85	92	83	91	90	83	11	7	16	7	73	74	32	45	31	32	105	114	108	99	X	X
I102	5 Boronia Street Ermington			I	Residential	50	45	44	40	61	75	29	62	65	60	17	31	32	84	91	82	90	89	82	26	22	31	22	49	50	62	75	61	62	92	101	95	86	X	X
I103	50 Boronia Street Ermington			I	Residential	50	45	44	40	57	71	28	43	46	41	20	41	42	83	90	81	89	88	81	23	19	28	19	59	60	39	52	38	39	91	100	94	85	X	X
I104	51 Boronia Street Ermington			I	Residential	50	45	44	40	68	82	20	51	54	49	10	45	46	84	91	82	90	89	82	16	12	21	12	70	71	32	45	31	32	104	113	107	98	X	X
I105	52 Boronia Street Ermington			I	Residential	50	45	44	40	56	70	27	47	50	45	19	40	41	85	92	83	91	90	83	23	19	28	19	58	59	38	51	37	38	95	104	98	89	X	X
I106	53 Boronia Street Ermington			I	Residential	50	45	44	40	66	80	14	52	55	50	9	46	47	83	90	81	89	88	81	18	14	23	14	67	68	34	47	33	34	105	114	108	99	X	X
I107	54 Boronia Street Ermington			I	Residential	50	45	44	40	54	68	28	43	46	41	17	45	46	83	90	81	89	88	81	22	18	27	18	58	59	38	51	37	38	90	99	93	84	X	X
I108	55 Boronia Street Ermington			I	Residential	50	45	44	40	63	77	17	53	56	51	10	47	48	81	88	79	87	86	79	15	11	20	11	57	58	34	47	33	34	92	101	95	86	X	X
I109	56 Boronia Street Ermington			I	Residential	50	45	44	40	56	70	27	48	51	46	18	45	46	84	91	82	90	89	82	24	20	29	20	59	60	37	50	36	37	94	103	97	88	X	X
I110	57 Boronia Street Ermington			I	Residential	50	45	44	40	61	75	16	56	59	54	7	47	48	82	89	80	88	87	80	18	14	23	14	63	64	35	48	34	35	91	100	94	85	X	X
I111	58 Boronia Street Ermington			I	Residential	50	45	44	40	56	70	27	48	51	46	18	41	42	82	89	80	88	87	80	22	18	27	18	60	61	38	51	37	38	90	99	93	84	X	X
I112	59 Boronia Street Ermington			I	Residential	50	45	44	40	60	74	14	55	58	53	7	50	51	82	89	80	88	87	80	14	10	19	10	62	63	35	48	34	35	91	100	94	85	X	X
I113	6 Boronia Street Ermington			I	Residential	50	45	44	40	58	72	29	61	64	59	26	38	39	86	93	84	92	91	84	25	21	30	21	51	52	61	74	60	61	105	114	108	99	X	X
I114	61 Boronia Street Ermington			I	Residential	50	45	44	40	57	71	21	59	62	57	9	53	54	81	88	79	87	86	79	22	18	27	18	59	60	35	48	34	35	92	101	95	86	X	X
I115	62 Boronia Street Ermington			I	Residential	50	45	44	40	62	76	26	59	62	57	12	52	53	82	89	80	88	87	80	20	16	25	16	65	66	34	47	33	34	86	95	89	80	X	X
I116	63 Boronia Street Ermington			I	Residential	50	45	44	40	56	70	14	60	63	58	6	53	54	82	89	80	88	87	80	11	7	16	7	59	60	35	48	34	35	88	97	91	82	X	X
I117	64 Boronia Street Ermington			I	Residential	50	45	44	40	66	80	26	60	63	58	13	49	50	83	90	81	89	88	81	21	17	26	17	68	69	35	48	34	35	91	100	94	85	X	X
I118	65 Boronia Street Ermington			I	Residential	50	45	44	40	55	69	15	61	64	59	7	56	57	82	89	80	88	87	80	14	10	19	10	58	59	35	48	34	35	90	99	93	84	X	X
I119	66 Boronia Street Ermington			I	Residential	50	45	44	40	71	85	26	77	80	75	18	64	65	83	90	81	89	88	81	20	16	25	16	72	73	35	48	34	35	91	100	94	85	X	X
I120	67 Boronia Street Ermington			I	Residential	50	45	44	40	55	69	16	62	65	60	7	56	57	81	88	79	87	86	79	15	11	20	11	58	59	35	48	34	35	87	96	90	81	X	X
I121	69 Boronia Street Ermington			I	Residential	50	45	44	40	56	70	16	63	66	61	7	56	57	82	89	80	88	87	80	15	11	20	11	59	60	35	48	34	35	90	99	93	84	X	X
I122	7 Boronia Street Ermington			I	Residential	50	45	44	40	56	70	26	60	63	58	17	38	39	84	91	82	90	89	82	25	21	30	21	52	53	57	70	56	57	95	104	98	89	X	X
I123	7 Boronia Street Ermington			I	Residential	50	45	44	40	42	56	19	43	46	41	13	24	25	73	80	71	79	78	71	19	15	24	15	31	32	41	54	40	41	74	83	77	68		
I124	71 Boronia Street Ermington			I	Residential	50	45	44	40	56	70	15	63	66	61	7	58	59	82	89	80	88	87	80	14	10	19	10	60	61	35	48	34	35	90	99	93	84	X	X
I125	73 Boronia Street Ermington			I	Residential	50	45	44	40	57	71	15	64	67	62	7	59	60	82	89	80	88	87	80	10	6	15	6	60	61	36	49	35	36	96	105	99	90	X	X
I126	75 Boronia Street Ermington			I	Residential	50	45	44	40	60	74	13	67	70	65	6	60	61	82	89	80	88	87	80	12	8	17	8	63	64	36	49	35	36	91	100	94	85	X	X
I127	75 Boronia Street Ermington			I	Residential	50	45	44	40	61	75	13	68	71	66	6	61	62	79	86	77	85	84	77	8	4	13	4	65	66	36	49	35	36	82	91	85	76	X	X
I128	79 Boronia Street Ermington			I	Residential	50	45	44	40	65	79	12	70	73	68	5	61	62	81	88	79	87	86	79	7	3	12	3	67	68	36	49	35	36	86	95	89	80	X	X
I129	8 Boronia Street Ermington			I	Residential	50	45	44	40	54	68	29	59	62	57	26	39	40	85	92	83	91	90	83	25	21	30	21	52	53	56	69	55	56	97	106	100	91	X	X
I130	81 Boronia Street Ermington			I	Residential	50	45	44	40	68	82	12	72	75	70	5	62	63	83	90	81	89	88	81	7	3	12	3	70	71	35	48	34	35	89	98	92	83	X	X
I131	83 Boronia Street Ermington			I	Residential	50	45	44	40	71	85	18	72	75	70	8	63	64	80	87	78	86	85	78	13	9	18	9	72	73	36	49	35	36	88	97	91	82	X	X
I132	9 Boronia Street Ermington			I	Residential	50	45	44	40	41	55	18	54	57	52	12	35	36	74	81	72	80	79	72	26	22	31	22	37	38	39	52	38	39	76	85	79	70		X
I133	1 Boyle Street Ermington			I	Residential	50	45	44	40	61	75	12	39	42	37	7	36	37	74	81	72	80	79	72	10	6	15	6	72	73	33	46	32	33	76	85	79	70	X	X
I134	10 Boyle Street Ermington			I	Residential	50	45	44	40	32	46	25	37	40	35	16	34	35	53	60	51	59	58	51	23	19	28	19	38	39	33	46	32	33	54	63	57	48		
I135	11 Boyle Street Ermington			I	Residential	50	45	44	40	52	66	12	47	50	45	8	41	42	59	66	57	65	64	57	9	5	14	5	57	58	35	48	34	35	58	67	61	52		
I136	13 Boyle Street Ermington			I	Residential	50	45	44	40	37	51	26	35	38	33	15	29	30	63	70	61	69	68	61	22	18	27	18	44	45	29	42	28	29	63	72	66	57		
I137	13 Boyle Street Ermington			I	Residential	50	45	44	40	51	65	21	46	49	44	12	43	44	59	66	57	65	64	57	18	14	23	14	57	58	29	42	28	29	58	67	61	52		
I138	15 Boyle Street Ermington			I	Residential	50	45	44	40	36	50	26	36	39	34	15	38	39	62	69	60	68	67	60	22	18	27	18	46	47	30	43	29	30	63	72	66	57		
I139	16 Boyle Street Ermington			I	Residential	50	45	44	40	33	47	25	39	42	37	17	37	38	55	62	53	61	60	53	23	19	28	19	38	39	33	46	32	33	55	64	58	49		
I140	17 Boyle Street Ermington			I	Residential	50	45	44	40	47	61	12	47	50	45	8	34	35	57	64	55	63	62	55	9	5	14	5	55	56	35	48	34	35	57	66	60	51		
I141	18 Boyle Street Ermington			I	Residential	50	45	44	40	48	62	11	46	49	44	8	28	29	61	68	59	67	66	59	9	5	14	5	51	52	33	46	32	33	61	70	64	55		
I142	19 Boyle Street Ermington			I	Residential	50	45	44	40	50	64	16	47	50	45	12	35	36	56	63	54	62	61	54	18	14	23	14	54	55	34	47	33	34	55	64	58	49		
I143	2 Boyle Street Ermington			I	Residential	50	45	44	40	56	70	28	46	49	44	19	41	42	72	79	70	78	77	70	24	20	29	20	60	61	35	48	34	35	73	82	76	67		X
I144	2 Boyle Street Ermington			I	Residential	50	45	44	40	57	71	29	47	50	45	20	41	42	70	77	68	76	75	68	25	21	30	21	65	66	35	48	34	35	73	82	76	67	X	X
I145	20 Boyle Street Ermington			I	Residential	50	45	44	40	32	46	21	38	41	36	13	38	39	60	67	58	66	65	58	22	18	27	18	37	38	32	45	31	32	59	68	62	53		
I146	21 Boyle Street Ermington			I	Residential	50	45	44	40	34	48	24	37	40	35	16	27	28	60	67	58	66	65	58	22	18	27	18	39	40	30	43	29	30	60	69	63	54		
I147	21 Boyle Street Ermington			I	Residential	50	45	44	40	50	64	14	47	50	45	10	29	30	58	65	56	64	63	56	18	14	23	14	56	57	33	46	32	33	56	65	59	50		
I148	22 Boyle Street Ermington			I	Residential	50	45	44	40	32	46	28	34	37	32	18	37	38	59	66	57	65	64	57	23	19	28	19	37	38	30	43	29	30	59	68	62	53		
I149	23 Boyle Street Ermington			I	Residential	50	45	44	40	33	47	28	37	40	35	18	31	32	59	66	57	65	64	57	22	18	27	18	40	41	30	43	29	30	59	68	62	53		
I150	24 Boyle Street Ermington			I	Residential	50	45	44	40	31	45	28	36	39	34	18	27	28	57	64	55	63	62	55	23	19	28	19	36	37	31	44	30	31	58	67	61	52		
I151	25 Boyle Street Ermington			I	Residential	50	45	44	40	33	47	28	38	41	36	18	24	25	58	65	56	64	63	56	22	18	27	18	39	40	31	44	30	31	58	67	61	52		
I152	26 Boyle Street Ermington			I	Residential	50	45	44	40	44	58	14	45	48	43	8	27	28	55	62	53	61	60	53	10	6	15	6	50	51	34	47	33	34	54	63	57	48		
I153	27 Boyle Street Ermington			I	Residential	50	45	44	40	33	47	27	38	41	36	17	26	27	56	63	54	62	61	54	22	18	27	18	39	40	29	42	28	29	56	65	59	50		
I154	27 Boyle Street Ermington			I	Residential	50	45	44	40	48	62	26	46	49	44	21	28	29	53	60	51	59	58	51	20	16	25	16	55	56	35	48	34	35	56	65	59	50		
I155	28 Boyle Street Ermington			I	Residential	50	45	44	40	45	59	14	45	48	43	10	29	30	55	62	53	61	60	53	10	6	15	6	50	51	39	52	38	39	56	65	59	50		
I156	29 Boyle Street Ermington			I	Residential	50	45	44	40	33	47	28	36	39	34	24	27	28	54	61	52	60	59	52	22	18	27	18	39	40	29	42	28	29	54	63	57	48		
I157	3 Boyle Street Ermington			I	Residential	50	45	44	40	61	75	12	48	51	46	8	44	45	72	79	70	78	77	70	9	5	14	5	70	71	37	50	36	37	74	83	77	68	X	X
I158	4 Boyle Street Ermington			I	Residential	50	45	44	40	53	67	14	45	48	43	9	41	42	68	75	66	74	73	66	11	7	16	7	57	58	33	46	32	33	70	79	73	64		X
I159	5 Boyle Street Ermington			I	Residential	50	45	44	40	43	57	25	36	39	34	13	39	40	70	77	68	76	75	68	22	18	27	18	53	54	29	42	28	29	72	81	75	66	X	X
I160	6 Boyle Street Ermington			I	Residential	50	45	44	40	47	61	13	47	50	45	9	41	42	66	73	64	72	71	64	10	6	15	6	55	56	34	47	33	34	67	76	70	61		X
I161	8 Boyle Street Ermington			I	Residential	50	45	44	40	47	61	17	47	50	45	13	44	45	65	72	63	71	70	63	19	15	24	15	55	56	29	42	28	29	66	75	69	60		
I162	9 Boyle Street Ermington			I	Residential	50	45	44	40	37	51	26	38	41	36	17	27	28	66	73	64	72	71	64	23	19	28	19	45	46	32	45	31	32	67	76	70	61		X
I163	9 Boyle Street Ermington			I	Residential	50	45	44	40	36	50	22	36	39	34	16	35	36	65	72	63	71	70	63	21	17	26	17	45	46	31	44	30	31	66	75	69	60		
I164	9 Boyle Street Ermington			I	Residential	50	45	44	40	37	51	27	39	42	37	15	34	35	67	74	65	73	72	65	23	19	28	19	45	46	31	44	30	31	69	78	72	63		X
I165	11 Broadoaks Street Ermington			I	Residential	50	45	44	40	55	69	32	61	64	59	28	29	30	60	67	58	66	65	58	27	23	32	23	45	46	57	70	56	57	63	72	66	57		
I166	13 Broadoaks Street Ermington			I	Residential	50	45	44	40	55	69	32	62	65	60	28	29	30	60	67	58	66	65	58	28	24	33	24	44	45	58	71	57	58	64	73	67	58		
I167	15 Broadoaks Street Ermington			I	Residential	50	45	44	40	57	71	32	62	65	60	28	28	29	61	68	59	67	66	59	28	24	33	24	45	46	59	72	58	59	66	75	69	60	X	
I168	17 Broadoaks Street Ermington			I	Residential	50	45	44	40	58	72	31	63	66	61	28	28	29	62	69	60	68	67	60	26	22	31	22	45	46	60	73	59	60	68	77	71	62	X	X
I169	19 Broadoaks Street Ermington			I	Residential	50	45	44	40	60	74	31	63	66	61	28	24	25	64	71	62	70	69	62	25	21	30	21	44	45	62	75	61	62	72	81	75	66	X	X
I170	21 Broadoaks Street Ermington			I	Residential	50	45	44	40	52	66	13	50	53	48	10	27	28	65	72	63	71	70	63	20	16	25	16	29	30	50	63	49	50	65	74	68	59	X	X
I171	23 Broadoaks Street Ermington			I	Residential	50	45	44	40	41	55	22	44	47	42	18	27	28	67	74	65	73	72	65	23	19	28	19	28	29	42	55	41	42	67	76	70	61	X	X
I172	23 Broadoaks Street Ermington			I	Residential	50	45	44	40	54	68	27	62	65	60	19	27	28	69	76	67	75	74	67	25	21	30	21	38	39	55	68	54	55	74	83	77	68		X
I173	25 Broadoaks Street Ermington			I	Residential	50	45	44	40	68	82	30	65	68	63	26	27	28	70	77	68	76	75	68	26	22	31	22	45	46	67	80	66	67	92	101	95	86	X	X
I174	27 Broadoaks Street Ermington			I	Residential	50	45	44	40	72	86	29	66	69	64	23	25	26	72	79	70	78	77	70	26	22	31	22	45	46	69	82	68	69	92	101	95	86	X	X
I175	29 Broadoaks Street Ermington			I	Residential	50	45	44	40	105	119	30	66	69	64	26	22	23	79	86	77	85	84	77	26	22	31	22	32	33	71	84	70	71	92	101	95	86	X	X
I176	31 Broadoaks Street Ermington		whole	I	Residential	50	45	44	40	82	96	30	66	69	64	23	33	34	91	98	89	97	96	89	25	21	30	21	36	37	70	83	69	70	105	114	108	99	X	
I177	9 Broadoaks Street Ermington			I	Residential	50	45	44	40	103	117	30	67	70	65	23	33	34	92	99	90	98	97	90	26	22	31	22	36	37	75	88	74	75	88	97	91	82		
I178	9 Broadoaks Street Ermington			I	Residential	50	45	44	40	52	66	30	59	62	57	26	27	28	57	64	55	63	62	55	25	21	30	21	42	43	55	68	54	55	59	68	62	53		
I179	5 Ermington Lane Ermington			I	Residential	50	45	44	40	36	50	27	45	48	43	23	26	27	58	65	56	64	63	56	21	17	26	17	28	29	43	56	42	43	55	64	58	49		
I180	10 Ferris Street Ermington			I	Residential	50	45	44	40	33	47	22	40	43	38	11	35	36	46	53	44	52	51	44	15	11	20	11	37	38	21	34	20	21	44	53	47	38		
I181	10 Ferris Street Ermington			I	Residential	50	45	44	40	31	45	21	33	36	31	13	34	35	46	53	44	52	51	44	17	13	22	13	34	35	21	34	20	21	44	53	47	38		
I182	11 Ferris Street Ermington			I	Residential	50	45	44	40	37	51	14	44	47	42	9	43	44	48	55	46	54	53	46	10	6	15	6	41	42	32	45	31	32	48	57	51	42		
I183	12 Ferris Street Ermington			I	Residential	50	45	44	40	35	49	15	41	44	39	11	39	40	46	53	44	52	51	44	11	7	16	7	38	39	31	44	30	31	46	55	49	40		
I184	13 Ferris Street Ermington			I	Residential	50	45	44	40	40	54	22	46	49	44	13	44	45	47	54	45	53	52	45	17	13	22	13	43	44	32	45	31	32	47	56	50	41		
I185	14 Ferris Street Ermington			I	Residential	50	45	44	40	32	46	27	30	33	28	20	28	29	43	50	41	49	48	41	22	18	27	18	31	32	21	34	20	21	42	51	45	36		
I186	14 Ferris Street Ermington			I	Residential	50	45	44	40	43	57	29	51	54	49	22	46	47	49	56	47	55	54	47	24	20	29	20	47	48	34	47	33	34	49	58	52	43		
I187	15 Ferris Street Ermington			I	Residential	50	45	44	40	36	50	26	35	38	33	17	38	39	46	53	44	52	51	44	22	18	27	18	38	39	23	36	22	23	48	57	51	42		
I188	15 Ferris Street Ermington			I	Residential	50	45	44	40	39	53	18	46	49	44	13	43	44	48	55	46	54	53	46	21	17	26	17	43	44	32	45	31	32	48	57	51	42		
I189	16 Ferris Street Ermington			I	Residential	50	45	44	40	41	55	23	49	52	47	15	42	43	48	55	46	54	53	46	20	16	25	16	45	46	33	46	32	33	47	56	50	41		
I190	18 Ferris Street Ermington			I	Residential	50	45	44	40	43	57	27	51	54	49	21	47	48	48	55	46	54	53	46	22	18	27	18	46	47	34	47	33	34	49	58	52	43		
I191	19 Ferris Street Ermington			I	Residential	50	45	44	40	43	57	22	50	53	48	10	47	48	49	56	47	55	54	47	17	13	22	13	48	49	34	47	33	34	50	59	53	44		
I192	20 Ferris Street Ermington			I	Residential	50	45	44	40	27	41	13	33	36	31	8	30	31	46	53	44	52	51	44	8	4	13	4	30	31	21	34	20	21	46	55	49	40		
I193	21 Ferris Street Ermington			I	Residential	50	45	44	40	43	57	26	51	54	49	16	44	45	51	58	49	57	56	49	22	18	27	18	48	49	32	45	31	32	50	59	53	44		
I194	22 Ferris Street Ermington			I	Residential	50	45	44	40	24	38	15	29	32	27	10	28	29	46	53	44	52	51	44	10	6	15	6	28	29	21	34	20	21	44	53	47	38		
I195	23 Ferris Street Ermington			I	Residential	50	45	44	40	37	51	27	44	47	42	18	40	41	51	58	49	57	56	49	21	17	26	17	41	42	32	45	31	32	50	59	53	44		
I196	24 Ferris Street Ermington			I	Residential	50	45	44	40	24	38	15	30	33	28	10	28	29	47	54	45	53	52	45	10	6	15	6	28	29	21	34	20	21	46	55	49	40		
I197	25 Ferris Street Ermington			I	Residential	50	45	44	40	27	41	19	32	35	30	13	39	40	52	59	50	58	57	50	14	10	19	10	30	31	22	35	21	22	51	60	54	45		
I198	26 Ferris Street Ermington			I	Residential	50	45	44	40	35	49	16	42	45	40	10	38	39	47	54	45	53	52	45	12	8	17	8	38	39	33	46	32	33	45	54	48	39		
I199	27 Ferris Street Ermington			I	Residential	50	45	44	40	43	57	13	49	52	47	7	47	48	49	56	47	55	54	47	8	4	13	4	47	48	34	47	33	34	50	59	53	44		
I200	28 Ferris Street Ermington			I	Residential	50	45	44	40	41	55	19	47	50	45	11	42	43	47	54	45	53	52	45	15	11	20	11	45	46	32	45	31	32	46	55	49	40		
I201	29 Ferris Street Ermington			I	Residential	50	45	44	40	43	57	16	49	52	47	10	47	48	53	60	51	59	58	51	12	8	17	8	47	48	33	46	32	33	54	63	57	48		
I202	30 Ferris Street Ermington			I	Residential	50	45	44	40	41	55	27	46	49	44	22	42	43	47	54	45	53	52	45	21	17	26	17	46	47	32	45	31	32	46	55	49	40		
I203	31 Ferris Street Ermington			I	Residential	50	45	44	40	38	52	26	38	41	36	20	36	37	53	60	51	59	58	51	22	18	27	18	42	43	32	45	31	32	54	63	57	48		
I204	32 Ferris Street Ermington			I	Residential	50	45	44	40	35	49	28	34	37	32	24	29	30	49	56	47	55	54	47	21	17	26	17	38	39	26	39	25	26	47	56	50	41		
I205	32 Ferris Street Ermington			I	Residential	50	45	44	40	45	59	26	52	55	50	19	45	46	51	58	49	57	56	49	20	16	25	16	49	50	33	46	32	33	50	59	53	44		
I206	33 Ferris Street Ermington			I	Residential	50	45	44	40	44	58	23	50	53	48	15	47	48	49	56	47	55	54	47	19	15	24	15	47	48	33	46	32	33	50	59	53	44		
I207	34 Ferris Street Ermington			I	Residential	50	45	44	40	34	48	11	37	40	35	6	38	39	43	50	41	49	48	41	7	3	12	3	39	40	32	45	31	32	41	50	44	35		
I208	35 Ferris Street Ermington			I	Residential	50	45	44	40	44	58	12	51	54	49	7	46	47	48	55	46	54	53	46	7	3	12	3	47	48	33	46	32	33	49	58	52	43		
I209	36 Ferris Street Ermington			I	Residential	50	45	44	40	39	53	12	43	46	41	7	38	39	47	54	45	53	52	45	7	3	12	3	41	42	32	45	31	32	46	55	49	40		
I210	37 Ferris Street Ermington			I	Residential	50	45	44	40	43	57	15	49	52	47	7	39	40	48	55	46	54	53	46	10	6	15	6	46	47	30	43	29	30	49	58	52	43		
I211	38 Ferris Street Ermington			I	Residential	50	45	44	40	39	53	16	44	47	42	10	39	40	46	53	44	52	51	44	13	9	18	9	41	42	32	45	31	32	45	54	48	39		
I212	39 Ferris Street Ermington			I	Residential	50	45	44	40	33	47	12	39	42	37	7	35	36	47	54	45	53	52	45	7	3	12	3	36	37	21	34	20	21	47	56	50	41		
I213	39 Ferris Street Ermington			I	Residential	50	45	44	40	41	55	12	47	50	45	6	40	41	46	53	44	52	51	44	7	3	12	3	44	45	32	45	31	32	46	55	49	40		
I214	40 Ferris Street Ermington			I	Residential	50	45	44	40	30	44	26	37	40	35	21	35	36	45	52	43	51	50	43	20	16	25	16	32	33	23	36	22	23	44	53	47	38		
I215	42 Ferris Street Ermington			I	Residential	50	45	44	40	42	56	12	49	52	47	7	47	48	49	56	47	55	54	47	7	3	12	3	46	47	33	46	32	33	47	56	50	41		
I216	43 Ferris Street Ermington			I	Residential	50	45	44	40	47	61	22	52	55	50	14	48	49	52	59	50	58	57	50	0	0	0	0	48	49	33	46	32	33	52	61	55	46		
I217	7 Ferris Street Ermington			I	Residential	50	45	44	40	42	56	24	49	52	47	19	45	46	49	56	47	55	54	47	0	0	0	0	46	47	34	47	33	34	49	58	52	43		
I218	8 Ferris Street Ermington			I	Residential	50	45	44	40	35	49	28	30	33	28	24	31	32	42	49	40	48	47	40	23	19	28	19	39	40	23	36	22	23	43	52	46	37		
I219	9 Ferris Street Ermington			I	Residential	50	45	44	40	40	54	26	43	46	41	15	41	42	47	54	45	53	52	45	22	18	27	18	45	46	32	45	31	32	46	55	49	40		
I220	9 Ferris Street Ermington			I	Residential	50	45	44	40	40	54	28	47	50	45	22	44	45	46	53	44	52	51	44	22	18	27	18	43	44	34	47	33	34	46	55	49	40		
I221	1 Gregory Street Ermington			I	Residential	50	45	44	40	25	39	16	32	35	30	11	33	34	32	39	30	38	37	30	12	8	17	8	29	30	21	34	20	21	31	40	34	25		
I222	11 Gregory Street Ermington			I	Residential	50	45	44	40	38	52	20	37	40	35	11	27	28	52	59	50	58	57	50	0	0	0	0	44	45	29	42	28	29	52	61	55	46		
I223	13 Gregory Street Ermington			I	Residential	50	45	44	40	45	59	26	52	55	50	19	28	29	55	62	53	61	60	53	21	17	26	17	47	48	37	50	36	37	56	65	59	50		
I224	15 Gregory Street Ermington			I	Residential	50	45	44	40	32	46	13	39	42	37	7	27	28	54	61	52	60	59	52	9	5	14	5	35	36	28	41	27	28	54	63	57	48		
I225	16 Gregory Street Ermington			I	Residential	50	45	44	40	43	57	26	49	52	47	20	27	28	54	61	52	60	59	52	21	17	26	17	47	48	35	48	34	35	54	63	57	48		
I226	17 Gregory Street Ermington			I	Residential	50	45	44	40	42	56	26	49	52	47	23	28	29	50	57	48	56	55	48	21	17	26	17	46	47	43	56	42	43	49	58	52	43		
I227	18 Gregory Street Ermington			I	Residential	50	45	44	40	43	57	26	50	53	48	19	28	29	55	62	53	61	60	53	21	17	26	17	47	48	37	50	36	37	53	62	56	47		
I228	19 Gregory Street Ermington			I	Residential	50	45	44	40	43	57	26	50	53	48	22	29	30	51	58	49	57	56	49	21	17	26	17	46	47	41	54	40	41	52	61	55	46		
I229	21 Gregory Street Ermington			I	Residential	50	45	44	40	44	58	27	52	55	50	18	30	31	55	62	53	61	60	53	21	17	26	17	48	49	36	49	35	36	54	63	57	48		
I230	22 Gregory Street Ermington			I	Residential	50	45	44	40	31	45	13	38	41	36	7	26	27	52	59	50	58	57	50	9	5	14	5	36	37	27	40	26	27	51	60	54	45		
I231	23 Gregory Street Ermington			I	Residential	50	45	44	40	42	56	26	49	52	47	22	27	28	50	57	48	56	55	48	21	17	26	17	46	47	41	54	40	41	51	60	54	45		
I232	24 Gregory Street Ermington			I	Residential	50	45	44	40	45	59	23	49	52	47	13	28	29	56	63	54	62	61	54	20	16	25	16	49	50	35	48	34	35	56	65	59	50		
I233	24 Gregory Street Ermington			I	Residential	50	45	44	40	40	54	21	40	43	38	16	26	27	50	57	48	56	55	48	17	13	22	13	46	47	25	38	24	25	50	59	53	44		
I234	25 Gregory Street Ermington			I	Residential	50	45	44	40	41	55	26	48	51	46	22	29	30	52	59	50	58	57	50	21	17	26	17	47	48	41	54	40	41	51	60	54	45		
I235	25 Gregory Street Ermington			I	Residential	50	45	44	40	44	58	12	50	53	48	7	30	31	56	63	54	62	61	54	8	4	13	4	48	49	37	50	36	37	56	65	59	50		
I236	27 Gregory Street Ermington			I	Residential	50	45	44	40	44	58	12	49	52	47	8	30	31	56	63	54	62	61	54	9	5	14	5	48	49	42	55	41	42	56	65	59	50		
I237	28 Gregory Street Ermington			I	Residential	50	45	44	40	44	58	19	34	37	32	13	27	28	52	59	50	58	57	50	16	12	21	12	49	50	29	42	28	29	51	60	54	45		
I238	28 Gregory Street Ermington			I	Residential	50	45	44	40	41	55	15	48	51	46	11	31	32	50	57	48	56	55	48	11	7	16	7	45	46	41	54	40	41	50	59	53	44		
I239	29 Gregory Street Ermington			I	Residential	50	45	44	40	43	57	27	48	51	46	22	29	30	51	58	49	57	56	49	21	17	26	17	44	45	36	49	35	36	50	59	53	44		
I240	3 Gregory Street Ermington			I	Residential	50	45	44	40	48	62	27	42	45	40	23	24	25	55	62	53	61	60	53	21	17	26	17	50	51	34	47	33	34	55	64	58	49		
I241	5 Gregory Street Ermington			I	Residential	50	45	44	40	44	58	24	51	54	49	17	29	30	50	57	48	56	55	48	0	0	0	0	47	48	44	57	43	44	52	61	55	46		
I242	7 Gregory Street Ermington			I	Residential	50	45	44	40	44	58	8	51	54	49	4	30	31	51	58	49	57	56	49	6	2	11	2	47	48	39	52	38	39	52	61	55	46		
I243	9 Gregory Street Ermington			I	Residential	50	45	44	40	46	60	26	53	56	51	20	30	31	53	60	51	59	58	51	21	17	26	17	49	50	28	41	27	28	53	62	56	47		
I244	1 Honor Street Ermington			I	Residential	50	45	44	40	44	58	25	50	53	48	20	29	30	53	60	51	59	58	51	21	17	26	17	47	48	29	42	28	29	53	62	56	47	X	X
I245	10 Honor Street Ermington			I	Residential	50	45	44	40	54	68	30	59	62	57	27	38	39	72	79	70	78	77	70	25	21	30	21	47	48	56	69	55	56	74	83	77	68		X
I246	11 Honor Street Ermington			I	Residential	50	45	44	40	50	64	30	61	64	59	25	29	30	64	71	62	70	69	62	26	22	31	22	40	41	58	71	57	58	66	75	69	60		
I247	12 Honor Street Ermington			I	Residential	50	45	44	40	40	54	32	59	62	57	28	28	29	63	70	61	69	68	61	25	21	30	21	44	45	56	69	55	56	64	73	67	58		
I248	13 Honor Street Ermington			I	Residential	50	45	44	40	50	64	31	60	63	58	28	22	23	63	70	61	69	68	61	27	23	32	23	43	44	57	70	56	57	62	71	65	56		
I249	14 Honor Street Ermington			I	Residential	50	45	44	40	33	47	28	37	40	35	23	31	32	62	69	60	68	67	60	22	18	27	18	43	44	34	47	33	34	62	71	65	56		
I250	15 Honor Street Ermington			I	Residential	50	45	44	40	33	47	22	38	41	36	15	35	36	62	69	60	68	67	60	16	12	21	12	36	37	36	49	35	36	62	71	65	56		
I251	16 Honor Street Ermington			I	Residential	50	45	44	40	45	59	30	52	55	50	24	33	34	61	68	59	67	66	59	25	21	30	21	38	39	48	61	47	48	62	71	65	56		
I252	17 Honor Street Ermington			I	Residential	50	45	44	40	32	46	20	39	42	37	16	27	28	61	68	59	67	66	59	16	12	21	12	34	35	35	48	34	35	61	70	64	55		
I253	18 Honor Street Ermington			I	Residential	50	45	44	40	35	49	30	49	52	47	26	28	29	55	62	53	61	60	53	24	20	29	20	35	36	39	52	38	39	55	64	58	49		
I254	19 Honor Street Ermington			I	Residential	50	45	44	40	49	63	32	55	58	53	28	24	25	57	64	55	63	62	55	28	24	33	24	42	43	51	64	50	51	60	69	63	54		
I255	20 Honor Street Ermington			I	Residential	50	45	44	40	34	48	30	50	53	48	26	34	35	54	61	52	60	59	52	26	22	31	22	33	34	42	55	41	42	54	63	57	48		
I256	22 Honor Street Ermington			I	Residential	50	45	44	40	48	62	34	54	57	52	30	27	28	56	63	54	62	61	54	29	25	34	25	42	43	51	64	50	51	56	65	59	50		
I257	23 Honor Street Ermington			I	Residential	50	45	44	40	30	44	26	36	39	34	22	28	29	54	61	52	60	59	52	20	16	25	16	36	37	33	46	32	33	54	63	57	48		
I258	24 Honor Street Ermington			I	Residential	50	45	44	40	32	46	30	45	48	43	26	21	22	53	60	51	59	58	51	26	22	31	22	34	35	37	50	36	37	53	62	56	47		
I259	3 Honor Street Ermington			I	Residential	50	45	44	40	30	44	27	38	41	36	22	32	33	54	61	52	60	59	52	20	16	25	16	33	34	36	49	35	36	54	63	57	48		X
I260	5 Honor Street Ermington			I	Residential	50	45	44	40	44	58	19	43	46	41	15	35	36	69	76	67	75	74	67	17	13	22	13	42	43	40	53	39	40	70	79	73	64		X
I261	6 Honor Street Ermington			I	Residential	50	45	44	40	37	51	24	54	57	52	18	35	36	68	75	66	74	73	66	25	21	30	21	42	43	42	55	41	42	68	77	71	62		X
I262	7 Honor Street Ermington			I	Residential	50	45	44	40	59	73	31	61	64	59	28	33	34	68	75	66	74	73	66	27	23	32	23	45	46	60	73	59	60	70	79	73	64		X
I263	8 Honor Street Ermington			I	Residential	50	45	44	40	52	66	26	59	62	57	18	33	34	66	73	64	72	71	64	24	20	29	20	33	34	55	68	54	55	67	76	70	61		X
I264	9 Honor Street Ermington			I	Residential	50	45	44	40	54	68	30	60	63	58	27	28	29	60	67	58	66	65	58	25	21	30	21	44	45	56	69	55	56	65	74	68	59		
I265	10 Macartney Street Ermington			I	Residential	50	45	44	40	40	54	31	57	60	55	28	30	31	64	71	62	70	69	62	27	23	32	23	44	45	52	65	51	52	65	74	68	59		X
I266	11 Macartney Street Ermington			I	Residential	50	45	44	40	44	58	11	43	46	41	7	38	39	68	75	66	74	73	66	8	4	13	4	51	52	32	45	31	32	69	78	72	63		
I267	11 Macartney Street Ermington			I	Residential	50	45	44	40	40	54	29	35	38	33	12	38	39	61	68	59	67	66	59	24	20	29	20	59	60	31	44	30	31	61	70	64	55		
I268	12 Macartney Street Ermington			I	Residential	50	45	44	40	43	57	26	36	39	34	12	40	41	62	69	60	68	67	60	24	20	29	20	54	55	32	45	31	32	61	70	64	55		X
I269	12 Macartney Street Ermington			I	Residential	50	45	44	40	34	48	11	30	33	28	7	24	25	67	74	65	73	72	65	6	2	11	2	43	44	29	42	28	29	67	76	70	61		X
I270	13 Macartney Street Ermington			I	Residential	50	45	44	40	55	69	11	38	41	36	7	34	35	69	76	67	75	74	67	10	6	15	6	63	64	35	48	34	35	70	79	73	64		
I271	14 Macartney Street Ermington			I	Residential	50	45	44	40	44	58	31	35	38	33	15	35	36	62	69	60	68	67	60	26	22	31	22	56	57	32	45	31	32	62	71	65	56		X
I272	15 Macartney Street Ermington			I	Residential	50	45	44	40	39	53	14	34	37	32	8	32	33	61	68	59	67	66	59	19	15	24	15	49	50	29	42	28	29	61	70	64	55		
I273	16 Macartney Street Ermington			I	Residential	50	45	44	40	44	58	29	37	40	35	14	35	36	63	70	61	69	68	61	22	18	27	18	56	57	33	46	32	33	63	72	66	57		X
I274	17 Macartney Street Ermington			I	Residential	50	45	44	40	52	66	16	45	48	43	8	41	42	70	77	68	76	75	68	24	20	29	20	65	66	32	45	31	32	71	80	74	65		
I275	18 Macartney Street Ermington	Ermington Rainbow College		I	Educational institute	55	0	0	0	42	56	28	48	51	46	13	44	45	58	65	56	64	63	56	25	21	30	21	50	51	32	45	31	32	58	67	61	52		X
I276	18 Macartney Street Ermington			I	Residential	50	45	44	40	44	58	28	46	49	44	12	39	40	70	77	68	76	75	68	23	19	28	19	62	63	32	45	31	32	72	81	75	66		X
I277	19 Macartney Street Ermington			I	Residential	50	45	44	40	39	53	18	34	37	32	8	34	35	67	74	65	73	72	65	18	14	23	14	65	66	28	41	27	28	68	77	71	62		
I278	2 Macartney Street Ermington			I	Residential	50	45	44	40	43	57	28	48	51	46	14	45	46	58	65	56	64	63	56	23	19	28	19	57	58	32	45	31	32	59	68	62	53		X
I279	20 Macartney Street Ermington	Ermington Rainbow College		I	Educational institute	55	0	0	0	47	61	28	46	49	44	11	43	44	67	74	65	73	72	65	22	18	27	18	53	54	35	48	34	35	74	83	77	68		X
I280	21 Macartney Street Ermington			I	Residential	50	45	44	40	49	63	15	31	34	29	10	28	29	66	73	64	72	71	64	11	7	16	7	64	65	27	40	26	27	67	76	70	61		X
I281	22 Macartney Street Ermington			I	Residential	50	45	44	40	42	56	26	48	51	46	14	45	46	58	65	56	64	63	56	23	19	28	19	53	54	32	45	31	32	57	66	60	51		X
I282	23 Macartney Street Ermington			I	Residential	50	45	44	40	50	64	28	37	40	35	14	29	30	67	74	65	73	72	65	25	21	30	21	65	66	33	46	32	33	71	80	74	65		X
I283	23 Macartney Street Ermington			I	Residential	50	45	44	40	44	58	19	49	52	47	15	44	45	61	68	59	67	66	59	23	19	28	19	59	60	32	45	31	32	60	69	63	54		X
I284	24 Macartney Street Ermington			I	Residential	50	45	44	40	33	47	14	31	34	29	8	30	31	58	65	56	64	63	56	9	5	14	5	54	55	26	39	25	26	56	65	59	50		X
I285	26 Macartney Street Ermington			I	Residential	50	45	44	40	48	62	28	35	38	33	14	28	29	64	71	62	70	69	62	25	21	30	21	63	64	32	45	31	32	74	83	77	68	X	X
I286	27 Macartney Street Ermington			I	Residential	50	45	44	40	39	53	14	31	34	29	8	27	28	66	73	64	72	71	64	9	5	14	5	66	67	27	40	26	27	69	78	72	63		X
I287	28 Macartney Street Ermington			I	Residential	50	45	44	40	55	69	17	40	43	38	7	38	39	63	70	61	69	68	61	17	13	22	13	48	49	33	46	32	33	68	77	71	62	X	X
I288	29 Macartney Street Ermington			I	Residential	50	45	44	40	60	74	16	48	51	46	8	46	47	69	76	67	75	74	67	24	20	29	20	60	61	34	47	33	34	88	97	91	82		X
I289	3 Macartney Street Ermington			I	Residential	50	45	44	40	42	56	23	41	44	39	11	32	33	63	70	61	69	68	61	19	15	24	15	61	62	33	46	32	33	70	79	73	64		
I290	30 Macartney Street Ermington			I	Residential	50	45	44	40	46	60	25	45	48	43	10	42	43	62	69	60	68	67	60	21	17	26	17	51	52	33	46	32	33	67	76	70	61	X	X
I291	31 Macartney Street Ermington			I	Residential	50	45	44	40	50	64	21	34	37	32	10	36	37	68	75	66	74	73	66	17	13	22	13	66	67	27	40	26	27	87	96	90	81		X
I292	32 Macartney Street Ermington			I	Residential	50	45	44	40	47	61	15	51	54	49	9	47	48	58	65	56	64	63	56	16	12	21	12	48	49	33	46	32	33	58	67	61	52	X	X
I293	33 Macartney Street Ermington			I	Residential	50	45	44	40	53	67	14	41	44	39	7	40	41	63	70	61	69	68	61	14	10	19	10	53	54	34	47	33	34	79	88	82	73		X
I294	34 Macartney Street Ermington			I	Residential	50	45	44	40	46	60	18	51	54	49	9	47	48	63	70	61	69	68	61	16	12	21	12	48	49	33	46	32	33	63	72	66	57		X
I295	35 Macartney Street Ermington			I	Residential	50	45	44	40	54	68	18	39	42	37	9	38	39	64	71	62	70	69	62	18	14	23	14	51	52	31	44	30	31	74	83	77	68		X
I296	36 Macartney Street Ermington			I	Residential	50	45	44	40	46	60	21	52	55	50	9	48	49	64	71	62	70	69	62	23	19	28	19	53	54	34	47	33	34	64	73	67	58		X
I297	37 Macartney Street Ermington			I	Residential	50	45	44	40	54	68	20	42	45	40	9	40	41	69	76	67	75	74	67	21	17	26	17	51	52	31	44	30	31	73	82	76	67		
I298	38 Macartney Street Ermington			I	Residential	50	45	44	40	49	63	19	52	55	50	10	49	50	59	66	57	65	64	57	17	13	22	13	51	52	34	47	33	34	60	69	63	54		X
I299	39 Macartney Street Ermington			I	Residential	50	45	44	40	43	57	14	35	38	33	8	31	32	65	72	63	71	70	63	10	6	15	6	40	41	32	45	31	32	70	79	73	64		
I300	4 Macartney Street Ermington			I	Residential	50	45	44	40	44	58	15	39	42	37	8	33	34	55	62	53	61	60	53	11	7	16	7	51	52	34	47	33	34	61	70	64	55		X
I301	4 Macartney Street Ermington			I	Residential	50	45	44	40	38	52	12	34	37	32	8	32	33	66	73	64	72	71	64	7	3	12	3	43	44	30	43	29	30	66	75	69	60		X
I302	40 Macartney Street Ermington			I	Residential	50	45	44	40	49	63	27	45	48	43	10	41	42	68	75	66	74	73	66	21	17	26	17	55	56	34	47	33	34	75	84	78	69		X
I303	41 Macartney Street Ermington			I	Residential	50	45	44	40	47	61	16	49	52	47	10	43	44	70	77	68	76	75	68	17	13	22	13	52	53	34	47	33	34	72	81	75	66		
I304	42 Macartney Street Ermington			I	Residential	50	45	44	40	46	60	15	53	56	51	7	49	50	65	72	63	71	70	63	22	18	27	18	50	51	34	47	33	34	66	75	69	60		X
I305	43 Macartney Street Ermington			I	Residential	50	45	44	40	47	61	17	51	54	49	10	46	47	71	78	69	77	76	69	18	14	23	14	52	53	32	45	31	32	76	85	79	70		X
I306	43 Macartney Street Ermington			I	Residential	50	45	44	40	46	60	26	52	55	50	18	49	50	66	73	64	72	71	64	22	18	27	18	47	48	34	47	33	34	67	76	70	61		
I307	5 Macartney Street Ermington			I	Residential	50	45	44	40	44	58	23	50	53	48	15	46	47	64	71	62	70	69	62	19	15	24	15	48	49	34	47	33	34	65	74	68	59		
I308	6 Macartney Street Ermington			I	Residential	50	45	44	40	30	44	13	32	35	30	8	32	33	61	68	59	67	66	59	8	4	13	4	37	38	30	43	29	30	66	75	69	60		X
I309	7 Macartney Street Ermington			I	Residential	50	45	44	40	46	60	14	36	39	34	8	37	38	66	73	64	72	71	64	12	8	17	8	54	55	32	45	31	32	71	80	74	65		
I310	8 Macartney Street Ermington			I	Residential	50	45	44	40	29	43	12	31	34	29	8	25	26	62	69	60	68	67	60	7	3	12	3	35	36	29	42	28	29	61	70	64	55		X
I311	9 Macartney Street Ermington			I	Residential	50	45	44	40	40	54	19	33	36	31	9	37	38	67	74	65	73	72	65	15	11	20	11	46	47	31	44	30	31	70	79	73	64		
I312	1 Maling Avenue Ermington			I	Residential	50	45	44	40	44	58	16	46	49	44	8	43	44	58	65	56	64	63	56	22	18	27	18	50	51	31	44	30	31	58	67	61	52		
I313	10 Maling Avenue Ermington			I	Residential	50	45	44	40	25	39	20	29	32	27	12	26	27	40	47	38	46	45	38	15	11	20	11	33	34	26	39	25	26	39	48	42	33		
I314	11 Maling Avenue Ermington			I	Residential	50	45	44	40	33	47	18	35	38	33	13	33	34	39	46	37	45	44	37	15	11	20	11	37	38	28	41	27	28	38	47	41	32		
I315	12 Maling Avenue Ermington			I	Residential	50	45	44	40	22	36	30	32	35	30	24	26	27	36	43	34	42	41	34	25	21	30	21	29	30	29	42	28	29	35	44	38	29		
I316	13 Maling Avenue Ermington			I	Residential	50	45	44	40	34	48	20	36	39	34	13	34	35	40	47	38	46	45	38	15	11	20	11	38	39	28	41	27	28	39	48	42	33		
I317	13 Maling Avenue Ermington			I	Residential	50	45	44	40	30	44	19	36	39	34	13	36	37	48	55	46	54	53	46	14	10	19	10	39	40	29	42	28	29	48	57	51	42		
I318	14 Maling Avenue Ermington			I	Residential	50	45	44	40	34	48	17	39	42	37	12	36	37	47	54	45	53	52	45	13	9	18	9	45	46	29	42	28	29	46	55	49	40		
I319	16 Maling Avenue Ermington			I	Residential	50	45	44	40	35	49	16	37	40	35	11	36	37	42	49	40	48	47	40	12	8	17	8	40	41	28	41	27	28	40	49	43	34		
I320	17 Maling Avenue Ermington			I	Residential	50	45	44	40	37	51	17	38	41	36	11	36	37	44	51	42	50	49	42	12	8	17	8	42	43	28	41	27	28	43	52	46	37		
I321	18 Maling Avenue Ermington			I	Residential	50	45	44	40	35	49	17	38	41	36	11	36	37	47	54	45	53	52	45	12	8	17	8	45	46	29	42	28	29	46	55	49	40		
I322	19 Maling Avenue Ermington			I	Residential	50	45	44	40	37	51	16	39	42	37	10	36	37	44	51	42	50	49	42	11	7	16	7	42	43	29	42	28	29	44	53	47	38		
I323	2 Maling Avenue Ermington			I	Residential	50	45	44	40	39	53	16	41	44	39	11	37	38	48	55	46	54	53	46	12	8	17	8	46	47	29	42	28	29	48	57	51	42		
I324	20 Maling Avenue Ermington			I	Residential	50	45	44	40	25	39	14	32	35	30	10	30	31	35	42	33	41	40	33	12	8	17	8	33	34	28	41	27	28	35	44	38	29		
I325	21 Maling Avenue Ermington			I	Residential	50	45	44	40	37	51	16	42	45	40	10	39	40	45	52	43	51	50	43	11	7	16	7	40	41	30	43	29	30	46	55	49	40		
I326	22 Maling Avenue Ermington			I	Residential	50	45	44	40	38	52	15	38	41	36	12	36	37	48	55	46	54	53	46	19	15	24	15	46	47	29	42	28	29	47	56	50	41		
I327	23 Maling Avenue Ermington			I	Residential	50	45	44	40	34	48	16	41	44	39	11	38	39	41	48	39	47	46	39	12	8	17	8	37	38	29	42	28	29	41	50	44	35		
I328	24 Maling Avenue Ermington			I	Residential	50	45	44	40	40	54	15	42	45	40	10	40	41	48	55	46	54	53	46	11	7	16	7	46	47	29	42	28	29	48	57	51	42		
I329	25 Maling Avenue Ermington			I	Residential	50	45	44	40	34	48	16	41	44	39	11	38	39	45	52	43	51	50	43	12	8	17	8	36	37	28	41	27	28	45	54	48	39		
I330	26 Maling Avenue Ermington			I	Residential	50	45	44	40	41	55	13	42	45	40	9	39	40	48	55	46	54	53	46	9	5	14	5	46	47	30	43	29	30	48	57	51	42		
I331	27 Maling Avenue Ermington			I	Residential	50	45	44	40	40	54	31	36	39	34	23	33	34	48	55	46	54	53	46	25	21	30	21	45	46	31	44	30	31	48	57	51	42		
I332	29 Maling Avenue Ermington			I	Residential	50	45	44	40	42	56	12	42	45	40	9	39	40	52	59	50	58	57	50	8	4	13	4	47	48	30	43	29	30	51	60	54	45		
I333	3 Maling Avenue Ermington			I	Residential	50	45	44	40	44	58	29	36	39	34	14	27	28	53	60	51	59	58	51	24	20	29	20	49	50	33	46	32	33	51	60	54	45		
I334	4 Maling Avenue Ermington			I	Residential	50	45	44	40	27	41	20	30	33	28	13	27	28	36	43	34	42	41	34	14	10	19	10	34	35	28	41	27	28	35	44	38	29		
I335	4 Maling Avenue Ermington			I	Residential	50	45	44	40	26	40	16	33	36	31	11	31	32	36	43	34	42	41	34	13	9	18	9	34	35	28	41	27	28	35	44	38	29		
I336	5 Maling Avenue Ermington			I	Residential	50	45	44	40	26	40	18	33	36	31	14	31	32	37	44	35	43	42	35	15	11	20	11	35	36	27	40	26	27	36	45	39	30		
I337	7 Maling Avenue Ermington			I	Residential	50	45	44	40	24	38	20	31	34	29	15	28	29	30	37	28	36	35	28	16	12	21	12	29	30	28	41	27	28	32	41	35	26		
I338	8 Maling Avenue Ermington			I	Residential	50	45	44	40	30	44	19	33	36	31	13	32	33	42	49	40	48	47	40	15	11	20	11	41	42	28	41	27	28	41	50	44	35		
I339	9 Maling Avenue Ermington			I	Residential	50	45	44	40	27	41	19	34	37	32	13	32	33	37	44	35	43	42	35	14	10	19	10	35	36	28	41	27	28	37	46	40	31		
I340	1 Marguerette Street Ermington			I	Residential	50	45	44	40	22	36	30	30	33	28	22	25	26	35	42	33	41	40	33	25	21	30	21	27	28	26	39	25	26	34	43	37	28		
I341	1 Marguerette Street Ermington			I	Residential	50	45	44	40	25	39	16	31	34	29	11	22	23	52	59	50	58	57	50	12	8	17	8	31	32	28	41	27	28	51	60	54	45		
I342	10 Marguerette Street Ermington			I	Residential	50	45	44	40	35	49	13	34	37	32	9	32	33	52	59	50	58	57	50	8	4	13	4	39	40	28	41	27	28	51	60	54	45		
I343	10 Marguerette Street Ermington			I	Residential	50	45	44	40	43	57	18	44	47	42	9	41	42	50	57	48	56	55	48	15	11	20	11	48	49	30	43	29	30	51	60	54	45		
I344	11 Marguerette Street Ermington			I	Residential	50	45	44	40	43	57	12	43	46	41	8	41	42	55	62	53	61	60	53	7	3	12	3	49	50	31	44	30	31	60	69	63	54		
I345	13 Marguerette Street Ermington			I	Residential	50	45	44	40	38	52	12	44	47	42	8	41	42	54	61	52	60	59	52	7	3	12	3	47	48	31	44	30	31	56	65	59	50		
I346	14 Marguerette Street Ermington			I	Residential	50	45	44	40	37	51	13	43	46	41	7	41	42	54	61	52	60	59	52	7	3	12	3	45	46	31	44	30	31	57	66	60	51		
I347	15 Marguerette Street Ermington			I	Residential	50	45	44	40	37	51	20	44	47	42	9	42	43	48	55	46	54	53	46	16	12	21	12	34	35	28	41	27	28	58	67	61	52		
I348	15 Marguerette Street Ermington			I	Residential	50	45	44	40	26	40	29	31	34	29	23	25	26	54	61	52	60	59	52	24	20	29	20	35	36	28	41	27	28	53	62	56	47		
I349	16 Marguerette Street Ermington			I	Residential	50	45	44	40	41	55	27	45	48	43	12	43	44	55	62	53	61	60	53	20	16	25	16	46	47	32	45	31	32	54	63	57	48		
I350	17 Marguerette Street Ermington			I	Residential	50	45	44	40	36	50	22	43	46	41	9	38	39	53	60	51	59	58	51	19	15	24	15	45	46	30	43	29	30	58	67	61	52		
I351	18 Marguerette Street Ermington			I	Residential	50	45	44	40	38	52	19	44	47	42	9	42	43	55	62	53	61	60	53	22	18	27	18	47	48	31	44	30	31	54	63	57	48		
I352	2 Marguerette Street Ermington			I	Residential	50	45	44	40	37	51	28	44	47	42	12	43	44	53	60	51	59	58	51	24	20	29	20	41	42	30	43	29	30	52	61	55	46		
I353	20 Marguerette Street Ermington	Pao de Queijo By Ana		I	Commercial	70	0	0	0	42	56	13	38	41	36	9	39	40	55	62	53	61	60	53	9	5	14	5	47	48	31	44	30	31	54	63	57	48		
I354	22 Marguerette Street Ermington			I	Residential	50	45	44	40	27	41	11	29	32	27	7	24	25	55	62	53	61	60	53	7	3	12	3	38	39	27	40	26	27	54	63	57	48		
I355	24 Marguerette Street Ermington			I	Residential	50	45	44	40	39	53	26	46	49	44	16	44	45	60	67	58	66	65	58	26	22	31	22	57	58	32	45	31	32	59	68	62	53		
I356	25 Marguerette Street Ermington			I	Residential	50	45	44	40	37	51	17	35	38	33	10	29	30	56	63	54	62	61	54	15	11	20	11	47	48	31	44	30	31	55	64	58	49		
I357	26 Marguerette Street Ermington			I	Residential	50	45	44	40	40	54	29	46	49	44	20	44	45	53	60	51	59	58	51	25	21	30	21	51	52	32	45	31	32	52	61	55	46		
I358	27 Marguerette Street Ermington			I	Residential	50	45	44	40	30	44	16	29	32	27	10	25	26	57	64	55	63	62	55	12	8	17	8	52	53	26	39	25	26	59	68	62	53		
I359	28 Marguerette Street Ermington			I	Residential	50	45	44	40	45	59	28	48	51	46	18	45	46	55	62	53	61	60	53	26	22	31	22	53	54	33	46	32	33	53	62	56	47		
I360	29 Marguerette Street Ermington			I	Residential	50	45	44	40	45	59	30	47	50	45	17	45	46	57	64	55	63	62	55	25	21	30	21	56	57	33	46	32	33	57	66	60	51		
I361	3 Marguerette Street Ermington			I	Residential	50	45	44	40	45	59	28	48	51	46	18	45	46	53	60	51	59	58	51	25	21	30	21	50	51	32	45	31	32	54	63	57	48		
I362	30 Marguerette Street Ermington			I	Residential	50	45	44	40	25	39	18	31	34	29	11	26	27	46	53	44	52	51	44	13	9	18	9	31	32	28	41	27	28	49	58	52	43		
I363	31 Marguerette Street Ermington			I	Residential	50	45	44	40	45	59	20	48	51	46	10	46	47	60	67	58	66	65	58	18	14	23	14	53	54	33	46	32	33	59	68	62	53		
I364	31 Marguerette Street Ermington			I	Residential	50	45	44	40	50	64	16	41	44	39	10	36	37	56	63	54	62	61	54	11	7	16	7	42	43	32	45	31	32	58	67	61	52		
I365	32 Marguerette Street Ermington			I	Residential	50	45	44	40	47	61	29	49	52	47	20	45	46	54	61	52	60	59	52	24	20	29	20	50	51	32	45	31	32	60	69	63	54		
I366	33 Marguerette Street Ermington			I	Residential	50	45	44	40	43	57	23	47	50	45	12	46	47	57	64	55	63	62	55	20	16	25	16	55	56	32	45	31	32	56	65	59	50		
I367	34 Marguerette Street Ermington			I	Residential	50	45	44	40	43	57	30	49	52	47	23	46	47	55	62	53	61	60	53	24	20	29	20	53	54	32	45	31	32	60	69	63	54		
I368	35 Marguerette Street Ermington			I	Residential	50	45	44	40	43	57	24	47	50	45	11	45	46	55	62	53	61	60	53	19	15	24	15	53	54	32	45	31	32	55	64	58	49		
I369	36 Marguerette Street Ermington			I	Residential	50	45	44	40	45	59	24	50	53	48	14	46	47	53	60	51	59	58	51	20	16	25	16	51	52	35	48	34	35	53	62	56	47		
I370	37 Marguerette Street Ermington			I	Residential	50	45	44	40	44	58	20	48	51	46	11	46	47	54	61	52	60	59	52	17	13	22	13	51	52	32	45	31	32	54	63	57	48		
I371	38 Marguerette Street Ermington			I	Residential	50	45	44	40	45	59	30	50	53	48	19	47	48	55	62	53	61	60	53	24	20	29	20	50	51	34	47	33	34	55	64	58	49		
I372	39 Marguerette Street Ermington			I	Residential	50	45	44	40	30	44	12	31	34	29	7	27	28	54	61	52	60	59	52	7	3	12	3	52	53	24	37	23	24	53	62	56	47		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day
I373	4 Marguerette Street Ermington			I	Residential	50	45
I374	40 Marguerette Street Ermington			I	Residential	50	45
I375	41 Marguerette Street Ermington			I	Residential	50	45
I376	41 Marguerette Street Ermington			I	Residential	50	45
I377	42 Marguerette Street Ermington			I	Residential	50	45
I378	43 Marguerette Street Ermington			I	Residential	50	45
I379	44 Marguerette Street Ermington			I	Residential	50	45
I380	45 Marguerette Street Ermington			I	Residential	50	45
I381	46 Marguerette Street Ermington			I	Residential	50	45
I382	46 Marguerette Street Ermington			I	Residential	50	45
I383	47 Marguerette Street Ermington			I	Residential	50	45
I384	48 Marguerette Street Ermington			I	Residential	50	45
I385	49 Marguerette Street Ermington			I	Residential	50	45
I386	5 Marguerette Street Ermington			I	Residential	50	45
I387	5 Marguerette Street Ermington			I	Residential	50	45
I388	50 Marguerette Street Ermington			I	Residential	50	45
I389	51 Marguerette Street Ermington			I	Residential	50	45
I390	52 Marguerette Street Ermington			I	Residential	50	45
I391	52 Marguerette Street Ermington			I	Residential	50	45
I392	53 Marguerette Street Ermington			I	Residential	50	45
I393	54 Marguerette Street Ermington			I	Residential	50	45
I394	54 Marguerette Street Ermington			I	Residential	50	45
I395	55 Marguerette Street Ermington			I	Residential	50	45
I396	55 Marguerette Street Ermington			I	Residential	50	45
I397	56 Marguerette Street Ermington			I	Residential	50	45
I398	57 Marguerette Street Ermington			I	Residential	50	45
I399	57 Marguerette Street Ermington			I	Residential	50	45
I400	58 Marguerette Street Ermington			I	Residential	50	45
I401	59 Marguerette Street Ermington			I	Residential	50	45
I402	6 Marguerette Street Ermington			I	Residential	50	45
I403	60 Marguerette Street Ermington			I	Residential	50	45
I404	62 Marguerette Street Ermington			I	Residential	50	45
I405	64 Marguerette Street Ermington			I	Residential	50	45
I406	66 Marguerette Street Ermington			I	Residential	50	45
I407	66 Marguerette Street Ermington			I	Residential	50	45
I408	68 Marguerette Street Ermington			I	Residential	50	45
I409	7 Marguerette Street Ermington			I	Residential	50	45
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I412	72 Marguerette Street Ermington			I	Residential	50	45
I413	74 Marguerette Street Ermington			I	Residential	50	45
I414	76 Marguerette Street Ermington			I	Residential	50	45
I415	78 Marguerette Street Ermington			I	Residential	50	45
I416	8 Marguerette Street Ermington			I	Residential	50	45
I417	9 Marguerette Street Ermington			I	Residential	50	45
I418	1 Massie Street Ermington			I	Residential	50	45
I419	10 Massie Street Ermington			I	Residential	50	45
I420	12 Massie Street Ermington			I	Residential	50	45
I421	14 Massie Street Ermington			I	Residential	50	45
I422	2 Massie Street Ermington			I	Residential	50	45
I423	3 Massie Street Ermington			I	Residential	50	45
I424	4 Massie Street Ermington			I	Residential	50	45
I425	4 Massie Street Ermington	Tiny Scholars Childcare		I	Educational institute	55	0
I426	5 Massie Street Ermington			I	Residential	50	45
I427	5 Massie Street Ermington			I	Residential	50	45
I428	6 Massie Street Ermington			I	Residential	50	45
I429	8 Massie Street Ermington			I	Residential	50	45
I430	9 Massie Street Ermington			I	Residential	50	45
I431	1 Murdoch Street Ermington			I	Residential	50	45
I432	1 Murdoch Street Ermington			I	Residential	50	45
I433	10 Murdoch Street Ermington			I	Residential	50	45
I434	11 Murdoch Street Ermington			I	Residential	50	45
I435	11 Murdoch Street Ermington			I	Residential	50	45
I436	12 Murdoch Street Ermington			I	Residential	50	45
I437	13 Murdoch Street Ermington			I	Residential	50	45
I438	14 Murdoch Street Ermington			I	Residential	50	45
I439	15 Murdoch Street Ermington			I	Residential	50	45
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I441	16 Murdoch Street Ermington			I	Residential	50	45
I442	17 Murdoch Street Ermington			I	Residential	50	45
I443	17 Murdoch Street Ermington			I	Residential	50	45
I444	2 Murdoch Street Ermington			I	Residential	50	45
I445	20 Murdoch Street Ermington			I	Residential	50	45
I446	21 Murdoch Street Ermington			I	Residential	50	45
I447	22 Murdoch Street Ermington			I	Residential	50	45
I448	23 Murdoch Street Ermington			I	Residential	50	45
I449	24 Murdoch Street Ermington			I	Residential	50	45
I450	25 Murdoch Street Ermington			I	Residential	50	45
I451	25 Murdoch Street Ermington			I	Residential	50	45
I452	26 Murdoch Street Ermington			I	Residential	50	45
I453	27 Murdoch Street Ermington			I	Residential	50	45
I454	28 Murdoch Street Ermington			I	Residential	50	45
I455	28 Murdoch Street Ermington			I	Residential	50	45
I456	29 Murdoch Street Ermington			I	Residential	50	45
I457	3 Murdoch Street Ermington			I	Residential	50	45
I458	31 Murdoch Street Ermington			I	Residential	50	45
I459	31 Murdoch Street Ermington			I	Residential	50	45
I460	32 Murdoch Street Ermington			I	Residential	50	45
I461	32 Murdoch Street Ermington			I	Residential	50	45
I462	33 Murdoch Street Ermington			I	Residential	50	45
I463	34 Murdoch Street Ermington			I	Residential	50	45
I464	35 Murdoch Street Ermington			I	Residential	50	45
I465	36 Murdoch Street Ermington			I	Residential	50	45
I466	37 Murdoch Street Ermington			I	Residential	50	45
I467	38 Murdoch Street Ermington			I	Residential	50	45
I468	39 Murdoch Street Ermington			I	Residential	50	45
I469	4 Murdoch Street Ermington			I	Residential	50	45
I470	41 Murdoch Street Ermington			I	Residential	50	45
I471	42 Murdoch Street Ermington			I	Residential	50	45
I472	43 Murdoch Street Ermington			I	Residential	50	45
I473	44 Murdoch Street Ermington			I	Residential	50	45
I474	45 Murdoch Street Ermington			I	Residential	50	45
I475	45 Murdoch Street Ermington			I	Residential	50	45
I476	46 Murdoch Street Ermington			I	Residential	50	45
I477	48 Murdoch Street Ermington			I	Residential	50	45
I478	49 Murdoch Street Ermington			I	Residential	50	45
I479	5 Murdoch Street Ermington			I	Residential	50	45
I480	50 Murdoch Street Ermington			I	Residential	50	45
I481	51 Murdoch Street Ermington			I	Residential	50	45
I482	51 Murdoch Street Ermington			I	Residential	50	45
I483	51 Murdoch Street Ermington			I	Residential	50	45
I484	52 Murdoch Street Ermington			I	Residential	50	45
I485	54 Murdoch Street Ermington			I	Residential	50	45
I486	56 Murdoch Street Ermington			I	Residential	50	45
I487	58 Murdoch Street Ermington			I	Residential	50	45
I488	6 Murdoch Street Ermington			I	Residential	50	45
I489	7 Murdoch Street Ermington			I	Residential	50	45
I490	8 Murdoch Street Ermington			I	Residential	50	45
I491	9 Murdoch Street Ermington			I	Residential	50	45
I492	1 Saunders Road Ermington			I	Residential	50	45
I493	10 Saunders Road Ermington			I	Residential	50	45
I494	11 Saunders Road Ermington			I	Residential	50	45
I495	12 Saunders Road Ermington			I	Residential	50	45
I496	13 Saunders Road Ermington			I	Residential	50	45
I497	14 Saunders Road Ermington			I	Residential	50	45
I498	15 Saunders Road Ermington			I	Residential	50	45
I499	16 Saunders Road Ermington			I	Residential	50	45
I500	17 Saunders Road Ermington			I	Residential	50	45
I501	18 Saunders Road Ermington			I	Residential	50	45
I502	19 Saunders Road Ermington			I	Residential	50	45
I503	2 Saunders Road Ermington			I	Residential	50	45
I504	20 Saunders Road Ermington			I	Residential	50	45
I505	22 Saunders Road Ermington	Little Explorers Learning Centre		I	Educational institute	55	0
I506	3 Saunders Road Ermington			I	Residential	50	45
I507	4 Saunders Road Ermington			I	Residential	50	45
I508	5 Saunders Road Ermington			I	Residential	50	45
I509	6 Saunders Road Ermington			I	Residential	50	45
I510	7 Saunders Road Ermington			I	Residential	50	45
I511	8 Saunders Road Ermington			I	Residential	50	45
I512	8 Saunders Road Ermington			I	Residential	50	45
I513	9 Saunders Road Ermington			I	Residential	50	45
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I516	11 Spofforth Street Ermington			I	Residential	50	45
I517	12-14 Spofforth Street Ermington			I	Residential	50	45
I518	12-14 Spofforth Street Ermington			I	Residential	50	45
I519	12-14 Spofforth Street Ermington			I	Residential	50	45
I520	13 Spofforth Street Ermington			I	Residential	50	45
I521	15 Spofforth Street Ermington			I	Residential	50	45
I522	16 Spofforth Street Ermington			I	Residential	50	45
I523	17 Spofforth Street Ermington			I	Residential	50	45
I524	18 Spofforth Street Ermington			I	Residential	50	45
I525	18 Spofforth Street Ermington			I	Residential	50	45
I526	19 Spofforth Street Ermington			I	Residential	50	45
I527	2 Spofforth Street Ermington			I	Residential	50	45
I528	20 Spofforth Street Ermington			I	Residential	50	45
I529	21 Spofforth Street Ermington			I	Residential	50	45
I530	22 Spofforth Street Ermington			I	Residential	50	45
I531	23 Spofforth Street Ermington			I	Residential	50	45
I532	24 Spofforth Street Ermington			I	Residential	50	45
I533	25 Spofforth Street Ermington			I	Residential	50	45
I534	26 Spofforth Street Ermington			I	Residential	50	45
I535	27 Spofforth Street Ermington			I	Residential	50	45
I536	28 Spofforth Street Ermington			I	Residential	50	45
I537	29 Spofforth Street Ermington			I	Residential	50	45
I538	3 Spofforth Street Ermington			I	Residential	50	45
I539	30 Spofforth Street Ermington			I	Residential	50	45
I540	31 Spofforth Street Ermington			I	Residential	50	45
I541	32 Spofforth Street Ermington			I	Residential	50	45
I542	34 Spofforth Street Ermington			I	Residential	50	45
I543	4 Spofforth Street Ermington			I	Residential	50	45
I544	4 Spofforth Street Ermington			I	Residential	50	45
I545	5 Spofforth Street Ermington			I	Residential	50	45
I546	5 Spofforth Street Ermington			I	Residential	50	45
I547	6 Spofforth Street Ermington			I	Residential	50	45
I548	7 Spofforth Street Ermington			I	Residential	50	45
I549	8 Spofforth Street Ermington			I	Residential	50	45
I550	9 Spofforth Street Ermington			I	Residential	50	45
I551	9 Spofforth Street Ermington			I	Residential	50	45
I552	1 Spurway Street Ermington			I	Residential	50	45
I553	3 Spurway Street Ermington			I	Residential	50	45
I554	39 Spurway Street Ermington	Rydalmere East Public School		I	Educational institute	55	0
I555	39 Spurway Street Ermington	Rydalmere East Public School		I	Educational institute	55	0
I556	39 Spurway Street Ermington	Rydalmere East Public School		I	Educational institute	55	0
I557	39 Spurway Street Ermington	Rydalmere East Public School		I	Educational institute	55	0
I558	43 Spurway Street Ermington			I	Residential	50	45
I559	45 Spurway Street Ermington			I	Residential	50	45
I560	47-49 Spurway Street Ermington			I	Residential	50	45
I561	47-49 Spurway Street Ermington			I	Residential	50	45
I562	5 Spurway Street Ermington			I	Residential	50	45
I563	51 Spurway Street Ermington			I	Residential	50	45
I564	53 Spurway Street Ermington			I	Residential	50	45
I565	55 Spurway Street Ermington			I	Residential	50	45
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I567	59 Spurway Street Ermington			I	Residential	50	45
I568	61 Spurway Street Ermington			I	Residential	50	45
I569	63 Spurway Street Ermington			I	Residential	50	45
I570	65 Spurway Street Ermington			I	Residential	50	45
I571	1 Trumble Avenue Ermington			I	Residential	50	45
I572	1 Trumble Avenue Ermington			I	Residential	50	45
I573	10 Trumble Avenue Ermington			I	Residential	50	45
I574	11 Trumble Avenue Ermington			I	Residential	50	45
I575	12 Trumble Avenue Ermington			I	Residential	50	45
I576	13 Trumble Avenue Ermington			I	Residential	50	45
I577	14 Trumble Avenue Ermington			I	Residential	50	45
I578	15 Trumble Avenue Ermington			I	Residential	50	45
I579	16 Trumble Avenue Ermington			I	Residential	50	45
I580	17 Trumble Avenue Ermington			I	Residential	50	45
I581	18 Trumble Avenue Ermington			I	Residential	50	45
I582	19 Trumble Avenue Ermington			I	Residential	50	45
I583	2 Trumble Avenue Ermington			I	Residential	50	45
I584	20 Trumble Avenue Ermington			I	Residential	50	45
I585	21 Trumble Avenue Ermington			I	Residential	50	45
I586	22 Trumble Avenue Ermington			I	Residential	50	45
I587	22 Trumble Avenue Ermington			I	Residential	50	45
I588	23 Trumble Avenue Ermington			I	Residential	50	45
I589	25 Trumble Avenue Ermington			I	Residential	50	45
I590	25 Trumble Avenue Ermington			I	Residential	50	45
I591	26 Trumble Avenue Ermington			I	Residential	50	45
I592	27 Trumble Avenue Ermington			I	Residential	50	45
I593	28 Trumble Avenue Ermington			I	Residential	50	45
I594	29 Trumble Avenue Ermington			I	Residential	50	45
I595	3 Trumble Avenue Ermington			I	Residential	50	45
I596	30 Trumble Avenue Ermington			I	Residential	50	45
I597	31 Trumble Avenue Ermington			I	Residential	50	45
I598	32 Trumble Avenue Ermington			I	Residential	50	45
I599	33 Trumble Avenue Ermington			I	Residential	50	45
I600	34 Trumble Avenue Ermington			I	Residential	50	45
I601	35 Trumble Avenue Ermington			I	Residential	50	45
I602	36 Trumble Avenue Ermington			I	Residential	50	45
I603	37 Trumble Avenue Ermington			I	Residential	50	45
I604	38 Trumble Avenue Ermington			I	Residential	50	45
I605	39 Trumble Avenue Ermington			I	Residential	50	45
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I610	44 Trumble Avenue Ermington			I	Residential	50	45
I611	45 Trumble Avenue Ermington			I	Residential	50	45
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I616	50 Trumble Avenue Ermington			I	Residential	50	45
I617	51 Trumble Avenue Ermington			I	Residential	50	45
I618	52 Trumble Avenue Ermington			I	Residential	50	45
I619	53 Trumble Avenue Ermington			I	Residential	50	45
I620	54 Trumble Avenue Ermington			I	Residential	50	45
I621	55 Trumble Avenue Ermington			I	Residential	50	45
I622	56 Trumble Avenue Ermington			I	Residential	50	45
I623	58 Trumble Avenue Ermington			I	Residential	50	45
I624	6 Trumble Avenue Ermington			I	Residential	50	45
I625	60 Trumble Avenue Ermington			I	Residential	50	45
I626	62 Trumble Avenue Ermington			I	Residential	50	45
I627	64 Trumble Avenue Ermington			I	Residential	50	45
I628	66 Trumble Avenue Ermington			I	Residential	50	45
I629	68 Trumble Avenue Ermington			I	Residential	50	45
I630	7 Trumble Avenue Ermington			I	Residential	50	45
I631	70 Trumble Avenue Ermington			I	Residential	50	45
I632	72 Trumble Avenue Ermington			I	Residential	50	45
I633	74 Trumble Avenue Ermington			I	Residential	50	45
I634	76 Trumble Avenue Ermington			I	Residential	50	45
I635	78 Trumble Avenue Ermington			I	Residential	50	45
I636	8 Trumble Avenue Ermington			I	Residential	50	45
I637	9 Trumble Avenue Ermington			I	Residential	50	45
I638	1 Trumper Street Ermington			I	Residential	50	45
I639	10 Trumper Street Ermington			I	Residential	50	45
I640	11 Trumper Street Ermington			I	Residential	50	45
I641	12 Trumper Street Ermington			I	Residential	50	45
I642	13 Trumper Street Ermington			I	Residential	50	45
I643	14 Trumper Street Ermington			I	Residential	50	45
I644	15 Trumper Street Ermington			I	Residential	50	45
I645	16 Trumper Street Ermington			I	Residential	50	45
I646	17 Trumper Street Ermington			I	Residential	50	45
I647	18 Trumper Street Ermington			I	Residential	50	45
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I649	2 Trumper Street Ermington			I	Residential	50	45
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I651	20 Trumper Street Ermington			I	Residential	50	45
I652	21 Trumper Street Ermington			I	Residential	50	45
I653	23 Trumper Street Ermington			I	Residential	50	45
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I659	27 Trumper Street Ermington			I	Residential	50	45
I660	28 Trumper Street Ermington			I	Residential	50	45
I661	29 Trumper Street Ermington			I	Residential	50	45
I662	3 Trumper Street Ermington			I	Residential	50	45
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I668	5 Trumper Street Ermington			I	Residential	50	45
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I670	6 Trumper Street Ermington			I	Residential	50	45
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I672	7 Trumper Street Ermington			I	Residential	50	45
I673	8 Trumper Street Ermington			I	Residential	50	45
I674	9 Trumper Street Ermington			I	Residential	50	45
I675	1 Turner Street Ermington			I	Residential	50	45
I676	10 Turner Street Ermington			I	Residential	50	45
I677	11 Turner Street Ermington			I	Residential	50	45
I678	12 Turner Street Ermington			I	Residential	50	45
I679	13 Turner Street Ermington			I	Residential	50	45
I680	14 Turner Street Ermington			I	Residential	50	45
I681	15 Turner Street Ermington			I	Residential	50	45
I682	16 Turner Street Ermington			I	Residential	50	45
I683	18 Turner Street Ermington			I	Residential	50	45
I684	2 Turner Street Ermington			I	Residential	50	45
I685	20 Turner Street Ermington			I	Residential	50	45
I686	3 Turner Street Ermington			I	Residential	50	45
I687	4 Turner Street Ermington			I	Residential	50	45
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I689	6 Turner Street Ermington			I	Residential	50	45
I690	7 Turner Street Ermington			I	Residential	50	45
I691	7 Turner Street Ermington			I	Residential	50	45
I692	8 Turner Street Ermington			I	Residential	50	45
I693	543 Victoria Road Ermington			I	Residential	50	45
I694	545 Victoria Road Ermington			I	Residential	50	45
I695	547 Victoria Road Ermington			I	Residential	50	45
I696	549 Victoria Road Ermington			I	Residential	50	45
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I699	555 Victoria Road Ermington			I	Residential	50	45
I700	557 Victoria Road Ermington			I	Residential	50	45
I701	559 Victoria Road Ermington			I	Residential	50	45
I702	561 Victoria Road Ermington			I	Residential	50	45
I703	563 Victoria Road Ermington			I	Residential	50	45
I704	565 Victoria Road Ermington			I	Residential	50	45
I705	567 Victoria Road Ermington			I	Residential	50	45
I706	569 Victoria Road Ermington			I	Residential	50	45
I707	571 Victoria Road Ermington			I	Residential	50	45
I708	573 Victoria Road Ermington			I	Residential	50	45
I709	575 Victoria Road Ermington			I	Residential	50	45

RECEIVER ID	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
I373	44	40	44	58	23	33	36	31	13	30	31	54	61	52	60	59	52	19	15	24	15	35	36	24	37	23	24	54	63	57	48		
I374	44	40	29	43	21	34	37	32	11	34	35	55	62	53	61	60	53	20	16	25	16	38	39	31	44	30	31	54	63	57	48		
I375	44	40	53	67	27	49	52	47	12	46	47	60	67	58	66	65	58	23	19	28	19	46	47	32	45	31	32	63	72	66	57		
I376	44	40	49	63	25	53	56	51	15	49	50	59	66	57	65	64	57	23	19	28	19	50	51	35	48	34	35	59	68	62	53		
I377	44	40	49	63	18	53	56	51	11	50	51	54	61	52	60	59	52	24	20	29	20	50	51	36	49	35	36	54	63	57	48		
I378	44	40	41	55	24	38	41	36	12	33	34	53	60	51	59	58	51	24	20	29	20	52	53	33	46	32	33	60	69	63	54		
I379	44	40	48	62	19	55	58	53	9	50	51	54	61	52	60	59	52	14	10	19	10	52	53	34	47	33	34	54	63	57	48		
I380	44	40	43	57	17	40	43	38	9	36	37	56	63	54	62	61	54	14	10	19	10	37	38	33	46	32	33	56	65	59	50		
I381	44	40	49	63	23	55	58	53	12	50	51	55	62	53	61	60	53	21	17	26	17	52	53	34	47	33	34	54	63	57	48		
I382	44	40	44	58	18	34	37	32	9	43	44	54	61	52	60	59	52	14	10	19	10	49	50	24	37	23	24	56	65	59	50		
I383	44	40	44	58	28	39	42	37	19	37	38	57	64	55	63	62	55	23	19	28	19	46	47	31	44	30	31	56	65	59	50		
I384	44	40	49	63	27	55	58	53	16	51	52	61	68	59	67	66	59	23	19	28	19	51	52	34	47	33	34	64	73	67	58		
I385	44	40	34	48	17	37	40	35	9	34	35	57	64	55	63	62	55	13	9	18	9	36	37	24	37	23	24	57	66	60	51		
I386	44	40	50	64	24	56	59	54	14	52	53	62	69	60	68	67	60	21	17	26	17	52	53	35	48	34	35	64	73	67	58		
I387	44	40	41	55	13	42	45	40	8	39	40	54	61	52	60	59	52	7	3	12	3	48	49	31	44	30	31	58	67	61	52		
I388	44	40	41	55	16	37	40	35	11	34	35	55	62	53	61	60	53	18	14	23	14	48	49	31	44	30	31	57	66	60	51		
I389	44	40	45	59	27	38	41	36	18	36	37	57	64	55	63	62	55	23	19	28	19	50	51	30	43	29	30	58	67	61	52		
I390	44	40	49	63	20	54	57	52	11	50	51	62	69	60	68	67	60	16	12	21	12	51	52	35	48	34	35	61	70	64	55		
I391	44	40	45	59	11	51	54	49	6	48	49	62	69	60	68	67	60	6	2	11	2	48	49	33	46	32	33	63	72	66	57		
I392	44	40	43	57	18	50	53	48	8	46	47	61	68	59	67	66	59	14	10	19	10	46	47	34	47	33	34	61	70	64	55		
I393	44	40	48	62	25	55	58	53	12	51	52	57	64	55	63	62	55	20	16	25	16	51	52	35	48	34	35	55	64	58	49		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
I710	577 Victoria Road Ermington			I	Residential	50	45	44	40	21	35	30	26	29	24	23	21	22	45	52	43	51	50	43	25	21	30	21	31	32	22	35	21	22	46	55	49	40		
I711	579 Victoria Road Ermington			I	Residential	50	45	44	40	21	35	29	26	29	24	22	24	25	45	52	43	51	50	43	24	20	29	20	31	32	22	35	21	22	46	55	49	40		
I712	581 Victoria Road Ermington			I	Residential	50	45	44	40	21	35	22	25	28	23	15	25	26	36	43	34	42	41	34	17	13	22	13	30	31	22	35	21	22	36	45	39	30		
I713	583 Victoria Road Ermington			I	Residential	50	45	44	40	26	40	29	31	34	29	24	30	31	44	51	42	50	49	42	24	20	29	20	38	39	27	40	26	27	43	52	46	37		
I714	585 Victoria Road Ermington			I	Residential	50	45	44	40	30	44	29	33	36	31	25	28	29	45	52	43	51	50	43	24	20	29	20	34	35	30	43	29	30	44	53	47	38		
I715	587 Victoria Road Ermington			I	Residential	50	45	44	40	31	45	18	26	29	24	12	24	25	39	46	37	45	44	37	14	10	19	10	37	38	21	34	20	21	38	47	41	32		
I716	589 Victoria Road Ermington			I	Residential	50	45	44	40	30	44	18	26	29	24	12	23	24	41	48	39	47	46	39	14	10	19	10	39	40	21	34	20	21	40	49	43	34		
I717	591 Victoria Road Ermington			I	Residential	50	45	44	40	29	43	29	33	36	31	24	33	34	42	49	40	48	47	40	23	19	28	19	41	42	28	41	27	28	42	51	45	36		
I718	593 Victoria Road Ermington			I	Residential	50	45	44	40	32	46	28	32	35	30	21	33	34	41	48	39	47	46	39	24	20	29	20	35	36	27	40	26	27	40	49	43	34		
I719	595 Victoria Road Ermington			I	Residential	50	45	44	40	26	40	22	29	32	27	15	27	28	39	46	37	45	44	37	19	15	24	15	28	29	20	33	19	20	38	47	41	32		
I720	599 Victoria Road Ermington			I	Residential	50	45	44	40	35	49	27	37	40	35	19	36	37	40	47	38	46	45	38	22	18	27	18	34	35	30	43	29	30	40	49	43	34		
I721	601 Victoria Road Ermington			I	Residential	50	45	44	40	32	46	27	39	42	37	20	37	38	38	45	36	44	43	36	24	20	29	20	35	36	30	43	29	30	37	46	40	31		
I722	603 Victoria Road Ermington			I	Residential	50	45	44	40	33	47	16	40	43	38	10	38	39	39	46	37	45	44	37	12	8	17	8	37	38	30	43	29	30	37	46	40	31		
I723	605 Victoria Road Ermington			I	Residential	50	45	44	40	29	43	25	35	38	33	17	33	34	37	44	35	43	42	35	21	17	26	17	35	36	30	43	29	30	36	45	39	30		
I724	607 Victoria Road Ermington			I	Residential	50	45	44	40	34	48	19	41	44	39	12	39	40	40	47	38	46	45	38	15	11	20	11	38	39	30	43	29	30	39	48	42	33		
I725	609 Victoria Road Ermington			I	Residential	50	45	44	40	31	45	22	38	41	36	13	37	38	42	49	40	48	47	40	17	13	22	13	35	36	31	44	30	31	42	51	45	36		
I726	611 Victoria Road Ermington			I	Residential	50	45	44	40	29	43	27	29	32	27	21	34	35	40	47	38	46	45	38	22	18	27	18	30	31	23	36	22	23	43	52	46	37		
I727	613 Victoria Road Ermington			I	Residential	50	45	44	40	31	45	25	38	41	36	19	36	37	37	44	35	43	42	35	21	17	26	17	35	36	30	43	29	30	39	48	42	33		
I728	615 Victoria Road Ermington			I	Residential	50	45	44	40	25	39	20	31	34	29	13	28	29	37	44	35	43	42	35	16	12	21	12	28	29	20	33	19	20	38	47	41	32		
I729	617 Victoria Road Ermington			I	Residential	50	45	44	40	30	44	28	36	39	34	20	33	34	41	48	39	47	46	39	23	19	28	19	34	35	31	44	30	31	40	49	43	34		
I730	619 Victoria Road Ermington			I	Residential	50	45	44	40	31	45	25	37	40	35	18	36	37	38	45	36	44	43	36	20	16	25	16	36	37	31	44	30	31	37	46	40	31		
I731	621 Victoria Road Ermington	The Dance Hub Performing Arts		I	Commercial	70	0	0	0	30	44	22	37	40	35	14	34	35	38	45	36	44	43	36	18	14	23	14	34	35	31	44	30	31	38	47	41	32		
I732	623 Victoria Road Ermington			I	Residential	50	45	44	40	39	53	19	45	48	43	11	41	42	45	52	43	51	50	43	15	11	20	11	42	43	32	45	31	32	44	53	47	38		
I733	625 Victoria Road Ermington			I	Residential	50	45	44	40	30	44	27	37	40	35	24	33	34	45	52	43	51	50	43	21	17	26	17	34	35	31	44	30	31	46	55	49	40		
I734	627-631 Victoria Road Ermington			I	Residential	50	45	44	40	34	48	21	38	41	36	17	36	37	39	46	37	45	44	37	16	12	21	12	37	38	31	44	30	31	40	49	43	34		
I735	627-631 Victoria Road Ermington			I	Residential	50	45	44	40	38	52	15	45	48	43	9	40	41	44	51	42	50	49	42	11	7	16	7	34	35	29	42	28	29	43	52	46	37		
I736	627-631 Victoria Road Ermington			I	Residential	50	45	44	40	39	53	21	44	47	42	14	41	42	45	52	43	51	50	43	18	14	23	14	40	41	31	44	30	31	44	53	47	38		
I737	633 Victoria Road Ermington			I	Residential	50	45	44	40	40	54	20	46	49	44	14	44	45	45	52	43	51	50	43	15	11	20	11	43	44	33	46	32	33	44	53	47	38		
J001	11 Atkins Road Ermington			J	Residential	53	48	45	41	42	56	27	46	49	44	20	45	46	47	54	45	53	52	45	0	0	0	0	41	42	36	49	35	36	47	56	50	41		
J002	13 Atkins Road Ermington			J	Residential	53	48	45	41	42	56	23	47	50	45	15	46	47	48	55	46	54	53	46	0	0	0	0	38	39	35	48	34	35	47	56	50	41		
J003	15 Atkins Road Ermington			J	Residential	53	48	45	41	42	56	19	48	51	46	10	40	41	47	54	45	53	52	45	0	0	0	0	42	43	36	49	35	36	47	56	50	41		
J004	17 Atkins Road Ermington			J	Residential	53	48	45	41	42	56	10	48	51	46	5	36	37	47	54	45	53	52	45	0	0	0	0	41	42	35	48	34	35	46	55	49	40		
J005	19 Atkins Road Ermington			J	Residential	53	48	45	41	40	54	26	46	49	44	18	35	36	50	57	48	56	55	48	0	0	0	0	39	40	22	35	21	22	51	60	54	45		
J006	21 Atkins Road Ermington			J	Residential	53	48	45	41	39	53	27	46	49	44	17	39	40	52	59	50	58	57	50	0	0	0	0	41	42	22	35	21	22	52	61	55	46		
J007	25 Atkins Road Ermington			J	Residential	53	48	45	41	44	58	25	39	42	37	13	35	36	49	56	47	55	54	47	0	0	0	0	39	40	35	48	34	35	48	57	51	42		
J008	27 Atkins Road Ermington			J	Residential	53	48	45	41	45	59	27	50	53	48	16	46	47	54	61	52	60	59	52	0	0	0	0	48	49	25	38	24	25	55	64	58	49		
J009	29 Atkins Road Ermington			J	Residential	53	48	45	41	50	64	23	56	59	54	11	49	50	55	62	53	61	60	53	0	0	0	0	53	54	34	47	33	34	56	65	59	50		
J010	31 Atkins Road Ermington			J	Residential	53	48	45	41	41	55	23	46	49	44	12	44	45	52	59	50	58	57	50	0	0	0	0	42	43	33	46	32	33	52	61	55	46		
J011	33 Atkins Road Ermington			J	Residential	53	48	45	41	52	66	25	57	60	55	14	52	53	57	64	55	63	62	55	0	0	0	0	55	56	34	47	33	34	58	67	61	52		
J012	35 Atkins Road Ermington			J	Residential	53	48	45	41	49	63	24	54	57	52	13	46	47	58	65	56	64	63	56	0	0	0	0	51	52	27	40	26	27	60	69	63	54		
J013	37 Atkins Road Ermington			J	Residential	53	48	45	41	50	64	26	52	55	50	15	46	47	59	66	57	65	64	57	0	0	0	0	48	49	25	38	24	25	61	70	64	55		
J014	39 Atkins Road Ermington			J	Residential	53	48	45	41	49	63	26	55	58	53	16	46	47	60	67	58	66	65	58	0	0	0	0	51	52	25	38	24	25	62	71	65	56		
J015	41 Atkins Road Ermington			J	Residential	53	48	45	41	57	71	20	60	63	58	10	54	55	58	65	56	64	63	56	0	0	0	0	58	59	35	48	34	35	58	67	61	52		
J016	43 Atkins Road Ermington			J	Residential	53	48	45	41	50	64	26	53	56	51	19	52	53	62	69	60	68	67	60	0	0	0	0	50	51	24	37	23	24	66	75	69	60		X
J017	45 Atkins Road Ermington			J	Residential	53	48	45	41	61	75	10	64	67	62	4	56	57	64	71	62	70	69	62	0	0	0	0	62	63	37	50	36	37	68	77	71	62		X
J018	47 Atkins Road Ermington			J	Residential	53	48	45	41	64	78	15	65	68	63	7	51	52	66	73	64	72	71	64	0	0	0	0	64	65	36	49	35	36	71	80	74	65	X	X
J019	49 Atkins Road Ermington			J	Residential	53	48	45	41	67	81	26	67	70	65	20	54	55	69	76	67	75	74	67	0	0	0	0	66	67	34	47	33	34	76	85	79	70	X	X
J020	61 Atkins Road Ermington		whole	J	Industrial	75	0	0	0	72	86	24	69	72	67	10	64	65	71	78	69	77	76	69	0	0	0	0	69	70	36	49	35	36	86	95	89	80	X	X
J021	63 Atkins Road Ermington		whole	J	Industrial	75	0	0	0	78	92	26	79	82	77	19	67	68	103	110	101	109	108	101	0	0	0	0	95	96	36	49	35	36	87	96	90	81	X	X
J022	65 Atkins Road Ermington		whole	J	Industrial	75	0	0	0	71	85	26	80	83	78	19	69	70	109	116	107	115	114	107	0	0	0	0	103	104	37	50	36	37	80	89	83	74	X	X
J023	65 Atkins Road Ermington		whole	J	Industrial	75	0	0	0	80	94	26	104	107	102	19	68	69	100	107	98	106	105	98	0	0	0	0	87	88	35	48	34	35	90	99	93	84	X	X
J024	67 Atkins Road Ermington			J	Industrial	75	0	0	0	79	93	24	86	89	84	19	88	89	82	89	80	88	87	80	0	0	0	0	77	78	37	50	36	37	70	79	73	64	X	X
J025	69 Atkins Road Ermington			J	Industrial	75	0	0	0	100	114	23	108	111	106	19	104	105	77	84	75	83	82	75	0	0	0	0	72	73	24	37	23	24	68	77	71	62	X	X
J026	7 Atkins Road Ermington			J	Residential	53	48	45	41	73	87	25	80	83	78	10	44	45	72	79	70	78	77	70	0	0	0	0	69	70	31	44	30	31	87	96	90	81		
J027	7 Atkins Road Ermington			J	Residential	53	48	45	41	44	58	23	37	40	35	12	34	35	49	56	47	55	54	47	0	0	0	0	34	35	32	45	31	32	49	58	52	43		
J028	71 Atkins Road Ermington			J	Industrial	75	0	0	0	28	42	26	35	38	33	21	31	32	46	53	44	52	51	44	0	0	0	0	32	33	22	35	21	22	46	55	49	40	X	X
J029	9 Atkins Road Ermington			J	Residential	53	48	45	41	67	81	26	74	77	72	18	41	42	68	75	66	74	73	66	0	0	0	0	66	67	30	43	29	30	76	85	79	70		
J030	1 Hope Street Ermington			J	Residential	53	48	45	41	43	57	23	48	51	46	12	45	46	48	55	46	54	53	46	0	0	0	0	42	43	34	47	33	34	48	57	51	42	X	X
J031	11 Hope Street Ermington			J	Residential	53	48	45	41	73	87	16	69	72	67	8	65	66	72	79	70	78	77	70	0	0	0	0	70	71	37	50	36	37	87	96	90	81	X	X
J032	13 Hope Street Ermington			J	Residential	53	48	45	41	72	86	14	69	72	67	7	65	66	71	78	69	77	76	69	0	0	0	0	55	56	37	50	36	37	91	100	94	85	X	X
J033	13 Hope Street Ermington			J	Residential	53	48	45	41	74	88	15	70	73	68	8	65	66	72	79	70	78	77	70	0	0	0	0	65	66	38	51	37	38	104	113	107	98		X
J034	15 Hope Street Ermington			J	Residential	53	48	45	41	65	79	17	67	70	65	6	47	48	67	74	65	73	72	65	0	0	0	0	47	48	29	42	28	29	75	84	78	69	X	X
J035	17 Hope Street Ermington			J	Residential	53	48	45	41	74	88	15	70	73	68	9	64	65	75	82	73	81	80	73	0	0	0	0	64	65	38	51	37	38	105	114	108	99	X	X
J036	2 Hope Street Ermington		whole	J	Industrial	75	0	0	0	74	88	15	69	72	67	4	41	42	81	88	79	87	86	79	0	0	0	0	55	56	37	50	36	37	106	115	109	100	X	X
J037	3 Hope Street Ermington			J	Residential	53	48	45	41	71	85	23	100	103	98	19	87	88	109	116	107	115	114	107	0	0	0	0	79	80	37	50	36	37	73	82	76	67	X	X
J038	5 Hope Street Ermington			J	Residential	53	48	45	41	72	86	16	69	72	67	11	65	66	72	79	70	78	77	70	0	0	0	0	70	71	37	50	36	37	86	95	89	80	X	X
J039	5 Hope Street Ermington			J	Residential	53	48	45	41	73	87	20	69	72	67	8	66	67	72	79	70	78	77	70	0	0	0	0	70	71	37	50	36	37	89	98	92	83	X	X
J040	9 Hope Street Ermington			J	Residential	53	48	45	41	73	87	14	69	72	67	7	66	67	72	79	70	78	77	70	0	0	0	0	69	70	37	50	36	37	97	106	100	91	X	X
J041	9 Hope Street Ermington			J	Residential	53	48	45	41	74	88	13	69	72	67	7	66	67	72	79	70	78	77	70	0	0	0	0	68	69	37	50	36	37	106	115	109	100		X
J042	10 Hughes Avenue Ermington			J	Residential	53	48	45	41	51	65	23	53	56	51	11	50	51	54	61	52	60	59	52	0	0	0	0	50	51	24	37	23	24	59	68	62	53		
J043	12 Hughes Avenue Ermington			J	Residential	53	48	45	41	41	55	9	40	43	38	5	33	34	46	53	44	52	51	44	0	0	0	0	42	43	32	45	31	32	45	54	48	39		
J044	14 Hughes Avenue Ermington			J	Residential	53	48	45	41	44	58	9	41	44	39	5	34	35	49	56	47	55	54	47	0	0	0	0	42	43	33	46	32	33	49	58	52	43		
J045	15 Hughes Avenue Ermington	Brethren Church		J	Place of worship	55	0	0	0	42	56	9	44	47	42	5	29	30	47	54	45	53	52	45	0	0	0	0	43	44	33	46	32	33	47	56	50	41		
J046	16 Hughes Avenue Ermington			J	Residential	53	48	45	41	42	56	24	43	46	41	19	42	43	49	56	47	55	54	47	0	0	0	0	45	46	34	47	33	34	48	57	51	42		
J047	18 Hughes Avenue Ermington			J	Residential	53	48	45	41	43	57	9	45	48	43	5	31	32	49	56	47	55	54	47	0	0	0	0	44	45	34	47	33	34	49	58	52	43		
J048	2 Hughes Avenue Ermington			J	Residential	53	48	45	41	47	61	10	52	55	50	6	35	36	53	60	51	59	58	51	0	0	0	0	42	43	34	47	33	34	53	62	56	47		
J049	2 Hughes Avenue Ermington			J	Residential	53	48	45	41	39	53	9	42	45	40	5	40	41	44	51	42	50	49	42	0	0	0	0	41	42	34	47	33	34	45	54	48	39		
J050	20 Hughes Avenue Ermington			J	Residential	53	48	45	41	39	53	19	43	46	41	14	28	29	44	51	42	50	49	42	0	0	0	0	41	42	32	45	31	32	44	53	47	38		
J051	21 Hughes Avenue Ermington			J	Residential	53	48	45	41	48	62	10	48	51	46	6	40	41	54	61	52	60	59	52	0	0	0	0	45	46	35	48	34	35	54	63	57	48		
J052	22 Hughes Avenue Ermington			J	Residential	53	48	45	41	43	57	10	40	43	38	6	29	30	48	55	46	54	53	46	0	0	0	0	45	46	34	47	33	34	47	56	50	41		
J053	23 Hughes Avenue Ermington			J	Residential	53	48	45	41	48	62	19	53	56	51	11	37	38	54	61	52	60	59	52	0	0	0	0	45	46	34	47	33	34	54	63	57	48		
J054	24 Hughes Avenue Ermington			J	Residential	53	48	45	41	42	56	7	39	42	37	3	27	28	46	53	44	52	51	44	0	0	0	0	44	45	33	46	32	33	47	56	50	41		
J055	25 Hughes Avenue Ermington			J	Residential	53	48	45	41	49	63	19	52	55	50	9	43	44	55	62	53	61	60	53	0	0	0	0	46	47	35	48	34	35	54	63	57	48		
J056	26 Hughes Avenue Ermington			J	Residential	53	48	45	41	43	57	11	40	43	38	5	36	37	50	57	48	56	55	48	0	0	0	0	49	50	35	48	34	35	50	59	53	44		
J057	27 Hughes Avenue Ermington			J	Residential	53	48	45	41	45	59	10	42	45	40	6	37	38	51	58	49	57	56	49	0	0	0	0	46	47	35	48	34	35	50	59	53	44		
J058	28 Hughes Avenue Ermington			J	Residential	53	48	45	41	32	46	10	29	32	27	5	30	31	50	57	48	56	55	48	0	0	0	0	48	49	27	40	26	27	49	58	52	43		
J059	29 Hughes Avenue Ermington			J	Residential	53	48	45	41	50	64	8	55	58	53	5	36	37	56	63	54	62	61	54	0	0	0	0	44	45	36	49	35	36	56	65	59	50		
J060	30 Hughes Avenue Ermington			J	Residential	53	48	45	41	47	61	24	52	55	50	20	47	48	53	60	51	59	58	51	0	0	0	0	45	46	23	36	22	23	52	61	55	46		
J061	31 Hughes Avenue Ermington			J	Residential	53	48	45	41	51	65	11	48	51	46	6	47	48	56	63	54	62	61	54	0	0	0	0	40	41	34	47	33	34	56	65	59	50		
J062	32 Hughes Avenue Ermington			J	Residential	53	48	45	41	44	58	22	51	54	49	16	48	49	50	57	48	56	55	48	0	0	0	0	44	45	30	43	29	30	49	58	52	43		
J063	33-37 Hughes Avenue Ermington			J	Residential	53	48	45	41	51	65	9	56	59	54	5	46	47	57	64	55	63	62	55	0	0	0	0	39	40	35	48	34	35	57	66	60	51		
J064	34 Hughes Avenue Ermington			J	Residential	53	48	45	41	51	65	23	44	47	42	20	41	42	54	61	52	60	59	52	0	0	0	0	51	52	36	49	35	36	53	62	56	47		
J065	36 Hughes Avenue Ermington			J	Residential	53	48	45	41	52	66	20	56	59	54	15	44	45	58	65	56	64	63	56	0	0	0	0	43	44	35	48	34	35	58	67	61	52		
J066	38 Hughes Avenue Ermington			J	Residential	53	48	45	41	54	68	24	55	58	53	19	50	51	59	66	57	65	64	57	0	0	0	0	52	53	36	49	35	36	59	68	62	53		
J067	39 Hughes Avenue Ermington			J	Residential	53	48	45	41	56	70	9	46	49	44	6	36	37	61	68	59	67	66	59	0	0	0	0	48	49	36	49	35	36	61	70	64	55		
J068	4 Hughes Avenue Ermington			J	Residential	53	48	45	41	46	60	22	53	56	51	16	51	52	53	60	51	59	58	51	0	0	0	0	49	50	21	34	20	21	52	61	55	46		
J069	40 Hughes Avenue Ermington			J	Residential	53	48	45	41	39	53	8	37	40	35	4	27	28	45	52	43	51	50	43	0	0	0	0	42	43	32	45	31	32	44	53	47	38		
J070	41 Hughes Avenue Ermington			J	Residential	53	48	45	41	56	70	21	58	61	56	14	54	55	62	69	60	68	67	60	0	0	0	0	52	53	36	49	35	36	63	72	66	57		
J071	43 Hughes Avenue Ermington			J	Residential	53	48	45	41	50	64	21	55	58	53	13	52	53	56	63	54	62	61	54	0	0	0	0	49	50	25	38	24	25	56	65	59	50		
J072	45 Hughes Avenue Ermington			J	Residential	53	48	45	41	51	65	24	55	58	53	19	52	53	57	64	55	63	62	55	0	0	0	0	51	52	22	35	21	22	56	65	59	50		
J073	47 Hughes Avenue Ermington			J	Residential	53	48	45	41	54	68	8	42	45	40	5	33	34	55	62	53	61	60	53	0	0	0	0	53	54	37	50	36	37	55	64	58	49		
J074	48 Hughes Avenue Ermington			J	Residential	53	48	45	41	52	66	23	56	59	54	21	53	54	58	65	56	64	63	56	0	0	0	0	52	53	27	40	26	27	58	67	61	52		X
J075	49 Hughes Avenue Ermington			J	Residential	53	48	45	41	64	78	8	53	56	51	5	51	52	69	76	67	75	74	67	0	0	0	0	50	51	37	50	36	37	72	81	75	66		
J076	50 Hughes Avenue Ermington			J	Residential	53	48	45	41	53	67	24	57	60	55	21	54	55	58	65	56	64	63	56	0	0	0	0	52	53	27	40	26	27	58	67	61	52	X	X
J077	52 Hughes Avenue Ermington			J	Residential	53	48	45	41	66	80	7	52	55	50	4	39	40	71	78	69	77	76	69	0	0	0	0	55	56	37	50	36	37	76	85	79	70	X	X
J078	53 Hughes Avenue Ermington			J	Residential	53	48	45	41	69	83	7	52	55	50	4	52	53	74	81	72	80	79	72	0	0	0	0	44	45	38	51	37	38	82	91	85	76		
J079	55 Hughes Avenue Ermington			J	Residential	53	48	45	41	57	71	14	47	50	45	7	47	48	59	66	57	65	64	57	0	0	0	0	41	42	31	44	30	31	58	67	61	52		
J080	55 Hughes Avenue Ermington			J	Residential	53	48	45	41	53	67	24	58	61	56	22	54	55	60	67	58	66	65	58	0	0	0	0	53	54	24	37	23	24	60	69	63	54		
J081	57 Hughes Avenue Ermington			J	Residential	53	48	45	41	59	73	19	52	55	50	11	40	41	60	67	58	66	65	58	0	0	0	0	55	56	39	52	38	39	59	68	62	53		
J082	59 Hughes Avenue Ermington			J	Residential	53	48	45	41	60	74	7	44	47	42	5	35	36	61	68	59	67	66	59	0	0	0	0	55	56	39	52	38	39	59	68	62	53		X
J083	6 Hughes Avenue Ermington			J	Residential	53	48	45	41	61	75	7	44	47	42	4	36	37	62	69	60	68	67	60	0	0	0	0	53	54	37	50	36	37	60	69	63	54		
J084	61 Hughes Avenue Ermington			J	Residential	53	48	45	41	39	53	8	38	41	36	4	28	29	45	52	43	51	50	43	0	0	0	0	42	43	32	45	31	32	45	54	48	39		X
J085	63 Hughes Avenue Ermington			J	Residential	53	48	45	41	63	77	8	48	51	46	5	37	38	63	70	61	69	68	61	0	0	0	0	53	54	37	50	36	37	61	70	64	55		X
J086	64 Hughes Street Ermington		whole	J	Industrial	75	0	0	0	68	82	7	50	53	48	4	37	38	65	72	63	71	70	63	0	0	0	0	54	55	37	50	36	37	63	72	66	57	X	X
J087	64 Hughes Avenue Ermington		whole	J	Industrial	75	0	0	0	72	86	23	79	82	77	19	73	74	96	103	94	102	101	94	0	0	0	0	73	74	38	51	37	38	81	90	84	75	X	X
J088	64 Hughes Avenue Ermington		whole	J	Industrial	75	0	0	0	71	85	22	83	86	81	19	69	70	107	114	105	113	112	105	0	0	0	0	67	68	38	51	37	38	81	90	84	75	X	X
J089	65 Hughes Avenue Ermington			J	Residential	53	48	45	41	72	86	22	81	84	79	19	67	68	93	100	91	99	98	91	0	0	0	0	65	66	38	51	37	38	79	88	82	73		X
J090	67 Hughes Avenue Ermington			J	Residential	53	48	45	41	70	84	8	44	47	42	5	37	38	66	73	64	72	71	64	0	0	0	0	55	56	37	50	36	37	64	73	67	58	X	X
J091	71 Hughes Avenue Ermington			J	Residential	53	48	45	41	68	82	23	63	66	61	15	52	53	68	75	66	74	73	66	0	0	0	0	52	53	37	50	36	37	70	79	73	64	X	X
J092	73 Hughes Avenue Ermington			J	Residential	53	48	45	41	76	90	7	43	46	41	4	37	38	72	79	70	78	77	70	0	0	0	0	57	58	38	51	37	38	70	79	73	64	X	X
J093	73 Hughes Avenue Ermington			J	Residential	53	48	45	41	75	89	19	67	70	65	10	56	57	78	85	76	84	83	76	0	0	0	0	51	52	24	37	23	24	88	97	91	82	X	X
J094	77 Hughes Avenue Ermington		whole	J	Residential	53	48	45	41	86	100	21	68	71	66	10	56	57	85	92	83	91	90	83	0	0	0	0	59	60	24	37	23	24	103	112	106	97	X	X
J095	8 Hughes Avenue Ermington			J	Residential	53	48	45	41	84	98	19	68	71	66	9	61	62	112	119	110	118	117	110	0	0	0	0	59	60	39	52	38	39	87	96	90	81		X
J096	80 Hughes Avenue Ermington			J	Industrial	75	0	0	0	41	55	9	46	49	44	4	37	38	47	54	45	53	52	45	0	0	0	0	42	43	33	46	32	33	47	56	50	41	X	X
J097	82 Hughes Avenue Ermington			J	Industrial	75	0	0	0	76	90	22	84	87	82	15	69	70	71	78	69	77	76	69	0	0	0	0	62	63	20	33	19	20	75	84	78	69		
J098	1 Jervis Street Ermington			J	Residential	53	48	45	41	57	71	20	64	67	62	16	51	52	60	67	58	66	65	58	0	0	0	0	43	44	45	58	44	45	55	64	58	49		X
J099	10 Jervis Street Ermington			J	Residential	53	48	45	41	57	71	8	59	62	57	5	58	59	59	66	57	65	64	57	0	0	0	0	51	52	36	49	35	36	62	71	65	56		
J100	11 Jervis Street Ermington			J	Residential	53	48	45	41	56	70	9	60	63	58	5	51	52	60	67	58	66	65	58	0	0	0	0	46	47	36	49	35	36	62	71	65	56		
J101	12 Jervis Street Ermington			J	Residential	53	48	45	41	55	69	16	55	58	53	7	44	45	58	65	56	64	63	56	0	0	0	0	48	49	36	49	35	36	61	70	64	55		
J102	12 Jervis Street Ermington			J	Residential	53	48	45	41	55	69	10	59	62	57	5	54	55	59	66	57	65	64	57	0	0	0	0	46	47	35	48	34	35	61	70	64	55		
J103	13 Jervis Street Ermington			J	Residential	53	48	45	41	49	63	10	54	57	52	5	45	46	54	61	52	60	59	52	0	0	0	0	48	49	36	49	35	36	54	63	57	48		
J104	13 Jervis Street Ermington			J	Residential	53	48	45	41	45	59	15	53	56	51	10	48	49	51	58	49	57	56	49	0	0	0	0	45	46	35	48	34	35	51	60	54	45		
J105	14 Jervis Street Ermington			J	Residential	53	48	45	41	46	60	19	52	55	50	9	49	50	52	59	50	58	57	50	0	0	0	0	49	50	36	49	35	36	51	60	54	45		
J106	15 Jervis Street Ermington			J	Residential	53	48	45	41	48	62	19	54	57	52	8	48	49	54	61	52	60	59	52	0	0	0	0	45	46	37	50	36	37	53	62	56	47		
J107	16 Jervis Street Ermington			J	Residential	53	48	45	41	45	59	7	47	50	45	4	45	46	50	57	48	56	55	48	0	0	0	0	43	44	36	49	35	36	49	58	52	43		
J108	17 Jervis Street Ermington			J	Residential	53	48	45	41	47	61	10	54	57	52	4	47	48	52	59	50	58	57	50	0	0	0	0	45	46	37	50	36	37	52	61	55	46		
J109	18 Jervis Street Ermington			J	Residential	53	48	45	41	46	60	22	53	56	51	13	45	46	53	60	51	59	58	51	0	0	0	0	45	46	37	50	36	37	52	61	55	46		
J110	19 Jervis Street Ermington			J	Residential	53	48	45	41	46	60	19	52	55	50	9	37	38	52	59	50	58	57	50	0	0	0	0	41	42	34	47	33	34	52	61	55	46		
J111	19 Jervis Street Ermington			J	Residential	53	48	45	41	43	57	23	50	53	48	15	47	48	49	56	47	55	54	47	0	0	0	0	47	48	32	45	31	32	48	57	51	42		
J112	2 Jervis Street Ermington			J	Residential	53	48	45	41	45	59	17	42	45	40	10	37	38	50	57	48	56	55	48	0	0	0	0	45	46	35	48	34	35	50	59	53	44		X
J113	2 Jervis Street Ermington			J	Residential	53	48	45	41	63	77	9	65	68	63	4	54	55	66	73	64	72	71	64	0	0	0	0	63	64	36	49	35	36	72	81	75	66		X
J114	20 Jervis Street Ermington			J	Residential	53	48	45	41	57	71	22	59	62	57	9	54	55	59	66	57	65	64	57	0	0	0	0	55	56	36	49	35	36	64	73	67	58		
J115	3 Jervis Street Ermington			J	Residential	53	48	45	41	46	60	23	53	56	51	15	47	48	52	59	50	58	57	50	0	0	0	0	36	37	37	50	36	37	51	60	54	45		X
J116	4 Jervis Street Ermington			J	Residential	53	48	45	41	61	75	19	64	67	62	8	52	53	64	71	62	70	69	62	0	0	0	0	48	49	37	50	36	37	69	78	72	63		X
J117	6 Jervis Street Ermington			J	Residential	53	48	45	41	61	75	21	64	67	62	8	57	58	64	71	62	70	69	62	0	0	0	0	62	63	37	50	36	37	68	77	71	62		
J118	7 Jervis Street Ermington			J	Residential	53	48	45	41	59	73	25	62	65	60	13	55	56	63	70	61	69	68	61	0	0	0	0	61	62	24	37	23	24	65	74	68	59		
J119	8 Jervis Street Ermington			J	Residential	53	48	45	41	57	71	21	59	62	57	12	54	55	59	66	57	65	64	57	0	0	0	0	56	57	37	50	36	37	60	69	63	54		
J120	9 Jervis Street Ermington			J	Residential	53	48	45	41	57	71	24	60	63	58	12	52	53	61	68	59	67	66	59	0	0	0	0	59	60	24	37	23	24	64	73	67	58		
J121	1 Linden Grove Ermington			J	Residential	53	48	45	41	56	70	8	44	47	42	5	36	37	58	65	56	64	63	56	0	0	0	0	49	50	36	49	35	36	56	65	59	50		
J122	10 Linden Grove Ermington			J	Residential	53	48	45	41	37	51	18	43	46	41	8	41	42	43	50	41	49	48	41	0	0	0	0	40	41	31	44	30	31	42	51	45	36		
J123	11 Linden Grove Ermington			J	Residential	53	48	45	41	45	59	24	50	53	48	17	38	39	51	58	49	57	56	49	0	0	0	0	48	49	34	47	33	34	51	60	54	45		
J124	12 Linden Grove Ermington			J	Residential	53	48	45	41	43	57	9	49	52	47	5	47	48	48	55	46	54	53	46	0	0	0	0	41	42	35	48	34	35	48	57	51	42		
J125	12 Linden Grove Ermington			J	Residential	53	48	45	41	42	56	20	47	50	45	14	47	48	48	55	46	54	53	46	0	0	0	0	44	45	36	49	35	36	47	56	50	41		
J126	13 Linden Grove Ermington			J	Residential	53	48	45	41	42	56	11	48	51	46	5	46	47	48	55	46	54	53	46	0	0	0	0	44	45	35	48	34	35	48	57	51	42		
J127	14 Linden Grove Ermington			J	Residential	53	48	45	41	42	56	10	49	52	47	4	45	46	49	56	47	55	54	47	0	0	0	0	44	45	35	48	34	35	48	57	51	42		
J128	15 Linden Grove Ermington			J	Residential	53	48	45	41	41	55	27	48	51	46	20	40	41	47	54	45	53	52	45	0	0	0	0	45	46	33	46	32	33	48	57	51	42		
J129	17 Linden Grove Ermington			J	Residential	53	48	45	41	40	54	27	46	49	44	23	39	40	46	53	44	52	51	44	0	0	0	0	43	44	35	48	34	35	46	55	49	40		
J130	6 Linden Grove Ermington			J	Residential	53	48	45	41	41	55	11	48	51	46	6	43	44	47	54	45	53	52	45	0	0	0	0	45	46	31	44	30	31	47	56	50	41		
J131	3 Linden Grove Ermington			J	Residential	53	48	45	41	45	59	20	51	54	49	14	48	49	51	58	49	57	56	49	0	0	0	0	46	47	34	47	33	34	51	60	54	45		
J132	4 Linden Grove Ermington			J	Residential	53	48	45	41	44	58	10	47	50	45	5	45	46	50	57	48	56	55	48	0	0	0	0	44	45	33	46	32	33	50	59	53	44		
J133	5 Linden Grove Ermington			J	Residential	53	48	45	41	43	57	27	51	54	49	23	44	45	50	57	48	56	55	48	0	0	0	0	48	49	23	36	22	23	48	57	51	42		
J134	6 Linden Grove Ermington			J	Residential	53	48	45	41	41	55	23	47	50	45	18	42	43	48	55	46	54	53	46	0	0	0	0	36	37	23	36	22	23	48	57	51	42		
J135	7 Linden Grove Ermington			J	Residential	53	48	45	41	44	58	10	51	54	49	5	47	48	51	58	49	57	56	49	0	0	0	0	49	50	37	50	36	37	49	58	52	43		
J136	8 Linden Grove Ermington			J	Residential	53	48	45	41	40	54	21	46	49	44	15	38	39	45	52	43	51	50	43	0	0	0	0	43	44	30	43	29	30	45	54	48	39		
J137	9 Linden Grove Ermington			J	Residential	53	48	45	41	43	57	9	41	44	39	5	43	44	49	56	47	55	54	47	0	0	0	0	43	44	34	47	33	34	49	58	52	43		
J138	1 Swane Street Ermington			J	Residential	53	48	45	41	42	56	11	48	51	46	5	46	47	47	54	45	53	52	45	0	0	0	0	43	44	34	47	33	34	48	57	51	42		
J139	11 Swane Street Ermington			J	Residential	53	48	45	41	43	57	19	49	52	47	10	47	48	49	56	47	55	54	47	0	0	0	0	47	48	22	35	21	22	49	58	52	43		
J140	13 Swane Street Ermington			J	Residential	53	48	45	41	52	66	15	54	57	52	9	49	50	58	65	56	64	63	56	0	0	0	0	47	48	34	47	33	34	58	67	61	52		
J141	2 Swane Street Ermington			J	Residential	53	48	45	41	50	64	13	53	56	51	5	49	50	54	61	52	60	59	52	0	0	0	0	49	50	36	49	35	36	54	63	57	48		
J142	3 Swane Street Ermington			J	Residential	53	48	45	41	54	68	25	59	62	57	14	54	55	59	66	57	65	64	57	0	0	0	0	57	58	35	48	34	35	60	69	63	54		
J143	4 Swane Street Ermington			J	Residential	53	48	45	41	49	63	20	53	56	51	13	40	41	53	60	51	59	58	51	0	0	0	0	51	52	37	50	36	37	53	62	56	47		
J144	5 Swane Street Ermington			J	Residential	53	48	45	41	54	68	10	59	62	57	4	55	56	58	65	56	64	63	56	0	0	0	0	48	49	37	50	36	37	60	69	63	54		
J145	6 Swane Street Ermington			J	Residential	53	48	45	41	48	62	25	50	53	48	14	39	40	52	59	50	58	57	50	0	0	0	0	46	47	36	49	35	36	52	61	55	46		
J146	6 Swane Street Ermington			J	Residential	53	48	45	41	51	65	21	57	60	55	11	49	50	56	63	54	62	61	54	0	0	0	0	54	55	34	47	33	34	56	65	59	50		
J147	8 Swane Street Ermington			J	Residential	53	48	45	41	55	69	17	57	60	55	7	43	44	61	68	59	67	66	59	0	0	0	0	45	46	36	49	35	36	61	70	64	55		
J148	9 Swane Street Ermington			J	Residential	53	48	45	41	54	68	9	59	62	57	5	53	54	60	67	58	66	65	58	0	0	0	0	43	44	30	43	29	30	61	70	64	55		
J149	635 Victoria Road Ermington			J	Residential	53	48	45	41	52	66	9	55	58	53	5	53	54	58	65	56	64	63	56	0	0	0	0	51	52	35	48	34	35	58	67	61	52		
J150	637 Victoria Road Ermington			J	Residential	53	48	45	41	41	55	27	47	50	45	24	43	44	49	56	47	55	54	47	0	0	0	0	43	44	28	41	27	28	50	59	53	44		
J151	639 Victoria Road Ermington			J	Residential	53	48	45	41	39	53	22	45	48	43	17	39	40	44	51	42	50	49	42	0	0	0	0	38	39	32	45	31	32	45	54	48	39		
J152	641 Victoria Road Ermington			J	Residential	53	48	45	41	36	50	23	43	46	41	16	40	41	43	50	41	49	48	41	0	0	0	0	40	41	30	43	29	30	42	51	45	36		
J153	643 Victoria Road Ermington			J	Residential	53	48	45	41	34	48	22	38	41	36	17	34	35	40	47	38	46	45	38	0	0	0	0	38	39	32	45	31	32	40	49	43	34		
J154	645 Victoria Road Ermington			J	Residential	53	48	45	41	38	52	22	45	48	43	16	38	39	44	51	42	50	49	42	0	0	0	0	40	41	32	45	31	32	42	51	45	36		
J155	647 Victoria Road Ermington			J	Residential	53	48	45	41	39	53	15	43	46	41	10	40	41	44	51	42	50	49	42	0	0	0	0	41	42	34	47	33	34	44	53	47	38		
J156	647 Victoria Road Ermington			J	Residential	53	48	45	41	40	54	10	45	48	43	6	42	43	45	52	43	51	50	43	0	0	0	0	42	43	35	48	34	35	44	53	47	38		
J157	651 Victoria Road Ermington			J	Residential	53	48	45	41	40	54	11	44	47	42	6	30	31	45	52	43	51	50	43	0	0	0	0	41	42	35	48	34	35	44	53	47	38		
J158	2 Hope Street Melrose Park			J	Industrial	75	0	0	0	39	53	17	45	48	43	11	42	43	44	51	42	50	49	42	0	0	0	0	41	42	35	48	34	35	44	53	47	38	X	X
J159	4 Hope Street Melrose Park			J	Industrial	75	0	0	0	70	84	20	54	57	52	13	46	47	77	84	75	83	82	75	0	0	0	0	58	59	22	35	21	22	86	95	89	80	X	X
J160	4 Hope Street Melrose Park			J	Industrial	75	0	0	0	61	75	14	41	44	39	5	35	36	68	75	66	74	73	66	0	0	0	0	38	39	25	38	24	25	70	79	73	64	X	X
J161	6 Hope Street Melrose Park			J	Industrial	75	0	0	0	67	81	20	39	42	37	20	35	36	74	81	72	80	79	72	0	0	0	0	64	65	21	34	20	21	85	94	88	79		X
J162	6 Hope Street Melrose Park			J	Industrial	75	0	0	0	58	72	0	38	41	36	0	39	40	64	71	62	70	69	62	0	0	0	0	48	49	23	36	22	23	72	81	75	66	X	X
J163	6 Hope Street Melrose Park			J	Industrial	75	0	0	0	34	48	0	53	56	51	0	32	33	88	95	86	94	93	86	0	0	0	0	50	51	39	52	38	39	101	110	104	95	X	X
J164	657 Victoria Road Melrose Park			J	Residential	53	48	45	41	29	43	0	58	61	56	0	24	25	88	95	86	94	93	86	0	0	0	0	37	38	41	54	40	41	102	111	105	96		
J165	659 Victoria Road Melrose Park			J	Residential	53	48	45	41	43	57	21	46	49	44	20	41	42	48	55	46	54	53	46	0	0	0	0	46	47	35	48	34	35	47	56	50	41		
J166	659 Victoria Road Melrose Park			J	Residential	53	48	45	41	43	57	0	46	49	44	0	42	43	47	54	45	53	52	45	0	0	0	0	45	46	34	47	33	34	47	56	50	41		
J167	659 Victoria Road Melrose Park			J	Residential	53	48	45	41	42	56	0	45	48	43	0	43	44	47	54	45	53	52	45	0	0	0	0	45	46	35	48	34	35	47	56	50	41		
J168	661 Victoria Road Melrose Park			J	Residential	53	48	45	41	28	42	0	41	44	39	0	38	39	46	53	44	52	51	44	0	0	0	0	39	40	34	47	33	34	45	54	48	39		
J169	661 Victoria Road Melrose Park			J	Residential	53	48	45	41	41	55	0	43	46	41	0	41	42	47	54	45	53	52	45	0	0	0	0	45	46	35	48	34	35	47	56	50	41		
J170	661 Victoria Road Melrose Park			J	Residential	53	48	45	41	40	54	0	43	46	41	0	41	42	47	54	45	53	52	45	0	0	0	0	44	45	36	49	35	36	47	56	50	41		
J171	661 Victoria Road Melrose Park			J	Residential	53	48	45	41	41	55	0	44	47	42	0	42	43	47	54	45	53	52	45	0	0	0	0	45	46	34	47	33	34	47	56	50	41		
J172	661 Victoria Road Melrose Park			J	Residential	53	48	45	41	39	53	0	40	43	38	0	21	22	46	53	44	52	51	44	0	0	0	0	43	44	22	35	21	22	45	54	48	39		
J173	661 Victoria Road Melrose Park			J	Residential	53	48	45	41	23	37	0	24	27	22	0	19	20	45	52	43	51	50	43	0	0	0	0	43	44	20	33	19	20	40	49	43	34		
J174	30 Waratah Street Melrose Park			J	Industrial	75	0	0	0	31	45	0	36	39	34	0	18	19	37	44	35	43	42	35	0	0	0	0	33	34	35	48	34	35	40	49	43	34	X	X
J175	32 Waratah Street Melrose Park			J	Industrial	75	0	0	0	43	57	0	69	72	67	0	31	32	98	105	96	104	103	96	0	0	0	0	59	60	48	61	47	48	108	117	111	102	X	X
J176	9 Waratah Street Melrose Park		whole	J	Industrial	75	0	0	0	32	46	0	70	73	68	0	29	30	89	96	87	95	94	87	0	0	0	0	44	45	35	48	34	35	109	118	112	103	X	X
J177	100 Wharf Road Melrose Park			J	Industrial	75	0	0	0	52	66	0	53	56	51	0	31	32	98	105	96	104	103	96	0	0	0	0	67	68	24	37	23	24	107	116	110	101	X	X
J178	110 Wharf Road Melrose Park	Melrose Park Public School		J	Educational institute	55	0	0	0	33	47	0	32	35	30	0	24	25	48	55	46	54	53	46	0	0	0	0	42	43	23	36	22	23	85	94	88	79		
J179	110 Wharf Road Melrose Park	Melrose Park Public School		J	Educational institute	55	0	0	0	36	50	0	57	60	55	0	38	39	59	66	57	65	64	57	0	0	0	0	40	41	33	46	32	33	62	71	65	56		
J180	110 Wharf Road Melrose Park	Melrose Park Public School		J	Educational institute	55	0	0	0	39	53	0	54	57	52	0	40	41	62	69	60	68	67	60	0	0	0	0	51	52	38	51	37	38	61	70	64	55		
J181	110 Wharf Road Melrose Park	Melrose Park Public School		J	Educational institute	55	0	0	0	30	44	0	60	63	58	0	31	32	63	70	61	69	68	61	0	0	0	0	58	59	33	46	32	33	65	74	68	59		X
J182	110 Wharf Road Melrose Park	Melrose Park Public School		J	Educational institute	55	0	0	0	41	55	0	57	60	55	0	43	44	67	74	65	73	72	65	0	0	0	0	57	58	48	61	47	48	70	79	73	64		
J183	110 Wharf Road Melrose Park	Melrose Park Public School		J	Educational institute	55	0	0	0	36	50	0	53	56	51	0	38	39	58	65	56	64	63	56	0	0	0	0	47	48	38	51	37	38	57	66	60	51		
J184	112 Wharf Road Melrose Park			J	Industrial	75	0	0	0	40	54	0	47	50	45	0	41	42	64	71	62	70	69	62	0	0	0	0	45	46	38	51	37	38	64	73	67	58		X
K001	101 Adelaide Street Melrose Park			K	Residential	47	42	42	37	50	64	0	71	74	69	0	24	25	75	82	73	81	80	73	0	0	0	0	73	74	54	67	53	54	74	83	77	68		
K002	97 Adelaide Street Melrose Park			K	Residential	47	42	42	37	28	42	0	34	37	32	0	27	28	36	43	34	42	41	34	0	0	0	0	32	33	23	36	22	23	36	45	39	30		
K003	99 Adelaide Street Melrose Park			K	Residential	47	42	42	37	35	49	0	41	44	39	0	30	31	40	47	38	46	45	38	0	0	0	0	36	37	37	50	36	37	39	48	42	33		
K004	10 Andrew Street Melrose Park			K	Residential	47	42	42	37	32	46	0	40	43	38	0	30	31	39	46	37	45	44	37	0	0	0	0	36	37	35	48	34	35	38	47	41	32		
K005	12 Andrew Street Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	31	32	44	51	42	50	49	42	0	0	0	0	37	38	39	52	38	39	43	52	46	37		
K006	14 Andrew Street Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	31	32	45	52	43	51	50	43	0	0	0	0	38	39	39	52	38	39	44	53	47	38		
K007	16 Andrew Street Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	34	35	43	50	41	49	48	41	0	0	0	0	38	39	39	52	38	39	42	51	45	36		
K008	18 Andrew Street Melrose Park			K	Residential	47	42	42	37	37	51	0	43	46	41	0	31	32	42	49	40	48	47	40	0	0	0	0	38	39	39	52	38	39	41	50	44	35		
K009	2 Andrew Street Melrose Park			K	Residential	47	42	42	37	37	51	0	43	46	41	0	29	30	41	48	39	47	46	39	0	0	0	0	38	39	39	52	38	39	41	50	44	35		
K010	20 Andrew Street Melrose Park			K	Residential	47	42	42	37	35	49	0	42	45	40	0	30	31	41	48	39	47	46	39	0	0	0	0	36	37	38	51	37	38	40	49	43	34		
K011	22 Andrew Street Melrose Park			K	Residential	47	42	42	37	37	51	0	43	46	41	0	30	31	42	49	40	48	47	40	0	0	0	0	31	32	40	53	39	40	41	50	44	35		
K012	24 Andrew Street Melrose Park			K	Residential	47	42	42	37	30	44	0	42	45	40	0	30	31	41	48	39	47	46	39	0	0	0	0	39	40	28	41	27	28	40	49	43	34		
K013	26 Andrew Street Melrose Park			K	Residential	47	42	42	37	38	52	0	44	47	42	0	21	22	43	50	41	49	48	41	0	0	0	0	37	38	40	53	39	40	42	51	45	36		
K014	28 Andrew Street Melrose Park			K	Residential	47	42	42	37	34	48	0	44	47	42	0	34	35	44	51	42	50	49	42	0	0	0	0	39	40	26	39	25	26	43	52	46	37		
K015	30 Andrew Street Melrose Park			K	Residential	47	42	42	37	38	52	0	44	47	42	0	34	35	43	50	41	49	48	41	0	0	0	0	39	40	40	53	39	40	42	51	45	36		
K016	32 Andrew Street Melrose Park			K	Residential	47	42	42	37	38	52	0	44	47	42	0	33	34	43	50	41	49	48	41	0	0	0	0	39	40	40	53	39	40	42	51	45	36		
K017	34 Andrew Street Melrose Park			K	Residential	47	42	42	37	38	52	0	44	47	42	0	33	34	43	50	41	49	48	41	0	0	0	0	40	41	40	53	39	40	43	52	46	37		
K018	36 Andrew Street Melrose Park			K	Residential	47	42	42	37	38	52	0	44	47	42	0	33	34	43	50	41	49	48	41	0	0	0	0	40	41	40	53	39	40	43	52	46	37		
K019	38 Andrew Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	34	35	43	50	41	49	48	41	0	0	0	0	40	41	40	53	39	40	42	51	45	36		
K020	4 Andrew Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	33	34	43	50	41	49	48	41	0	0	0	0	40	41	40	53	39	40	42	51	45	36		
K021	40 Andrew Street Melrose Park			K	Residential	47	42	42	37	35	49	0	41	44	39	0	20	21	40	47	38	46	45	38	0	0	0	0	36	37	37	50	36	37	39	48	42	33		
K022	6 Andrew Street Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	21	22	44	51	42	50	49	42	0	0	0	0	40	41	40	53	39	40	43	52	46	37		
K023	8 Andrew Street Melrose Park			K	Residential	47	42	42	37	36	50	0	43	46	41	0	31	32	42	49	40	48	47	40	0	0	0	0	37	38	39	52	38	39	41	50	44	35		
K024	8 Andrew Street Melrose Park			K	Residential	47	42	42	37	27	41	0	40	43	38	0	26	27	40	47	38	46	45	38	0	0	0	0	28	29	38	51	37	38	37	46	40	31		
K025	1 James Street Melrose Park			K	Residential	47	42	42	37	36	50	0	43	46	41	0	32	33	43	50	41	49	48	41	0	0	0	0	37	38	39	52	38	39	42	51	45	36		
K026	12 James Street Melrose Park			K	Residential	47	42	42	37	35	49	0	42	45	40	0	31	32	41	48	39	47	46	39	0	0	0	0	36	37	39	52	38	39	40	49	43	34		
K027	12 James Street Melrose Park			K	Residential	47	42	42	37	36	50	0	42	45	40	0	29	30	42	49	40	48	47	40	0	0	0	0	37	38	40	53	39	40	41	50	44	35		
K028	13 James Street Melrose Park			K	Residential	47	42	42	37	35	49	0	42	45	40	0	28	29	41	48	39	47	46	39	0	0	0	0	37	38	39	52	38	39	40	49	43	34		
K029	13 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	32	33	44	51	42	50	49	42	0	0	0	0	38	39	40	53	39	40	43	52	46	37		
K030	15 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	32	33	44	51	42	50	49	42	0	0	0	0	38	39	40	53	39	40	43	52	46	37		
K031	15 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	31	32	44	51	42	50	49	42	0	0	0	0	36	37	40	53	39	40	43	52	46	37		
K032	16 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	45	48	43	0	33	34	44	51	42	50	49	42	0	0	0	0	38	39	40	53	39	40	43	52	46	37		
K033	16 James Street Melrose Park			K	Residential	47	42	42	37	36	50	0	43	46	41	0	21	22	41	48	39	47	46	39	0	0	0	0	26	27	40	53	39	40	40	49	43	34		
K034	18 James Street Melrose Park			K	Residential	47	42	42	37	36	50	0	43	46	41	0	21	22	41	48	39	47	46	39	0	0	0	0	26	27	39	52	38	39	41	50	44	35		
K035	19 James Street Melrose Park			K	Residential	47	42	42	37	28	42	0	34	37	32	0	25	26	35	42	33	41	40	33	0	0	0	0	31	32	29	42	28	29	36	45	39	30		
K036	2 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	43	46	41	0	21	22	42	49	40	48	47	40	0	0	0	0	25	26	40	53	39	40	41	50	44	35		
K037	20 James Street Melrose Park			K	Residential	47	42	42	37	35	49	0	42	45	40	0	25	26	40	47	38	46	45	38	0	0	0	0	36	37	38	51	37	38	41	50	44	35		
K038	20 James Street Melrose Park			K	Residential	47	42	42	37	34	48	0	42	45	40	0	21	22	41	48	39	47	46	39	0	0	0	0	27	28	39	52	38	39	39	48	42	33		
K039	21 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	31	32	42	49	40	48	47	40	0	0	0	0	39	40	39	52	38	39	42	51	45	36		
K040	23 James Street Melrose Park			K	Residential	47	42	42	37	26	40	0	41	44	39	0	23	24	41	48	39	47	46	39	0	0	0	0	26	27	40	53	39	40	38	47	41	32		
K041	24 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	32	33	42	49	40	48	47	40	0	0	0	0	39	40	39	52	38	39	42	51	45	36		
K042	25 James Street Melrose Park			K	Residential	47	42	42	37	38	52	0	44	47	42	0	32	33	43	50	41	49	48	41	0	0	0	0	39	40	39	52	38	39	42	51	45	36		
K043	26 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	46	49	44	0	33	34	45	52	43	51	50	43	0	0	0	0	39	40	40	53	39	40	45	54	48	39		
K044	27 James Street Melrose Park			K	Residential	47	42	42	37	38	52	0	44	47	42	0	32	33	43	50	41	49	48	41	0	0	0	0	39	40	40	53	39	40	42	51	45	36		
K045	28 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	43	46	41	0	32	33	42	49	40	48	47	40	0	0	0	0	39	40	33	46	32	33	42	51	45	36		
K046	29 James Street Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	32	33	43	50	41	49	48	41	0	0	0	0	39	40	39	52	38	39	42	51	45	36		
K047	3 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	32	33	43	50	41	49	48	41	0	0	0	0	39	40	40	53	39	40	42	51	45	36		
K048	30 James Street Melrose Park			K	Residential	47	42	42	37	35	49	0	42	45	40	0	32	33	42	49	40	48	47	40	0	0	0	0	37	38	39	52	38	39	41	50	44	35		
K049	31 James Street Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	21	22	42	49	40	48	47	40	0	0	0	0	26	27	39	52	38	39	42	51	45	36		
K050	33 James Street Melrose Park			K	Residential	47	42	42	37	38	52	0	44	47	42	0	33	34	43	50	41	49	48	41	0	0	0	0	40	41	40	53	39	40	42	51	45	36		
K051	35 James Street Melrose Park			K	Residential	47	42	42	37	25	39	0	42	45	40	0	23	24	41	48	39	47	46	39	0	0	0	0	27	28	39	52	38	39	40	49	43	34		
K052	37 James Street Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	32	33	43	50	41	49	48	41	0	0	0	0	40	41	40	53	39	40	42	51	45	36		
K053	4 James Street Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	31	32	43	50	41	49	48	41	0	0	0	0	40	41	39	52	38	39	42	51	45	36		
K054	5 James Street Melrose Park			K	Residential	47	42	42	37	35	49	0	42	45	40	0	21	22	40	47	38	46	45	38	0	0	0	0	31	32	39	52	38	39	41	50	44	35		
K055	6 James Street Melrose Park			K	Residential	47	42	42	37	34	48	0	41	44	39	0	27	28	40	47	38	46	45	38	0	0	0	0	26	27	38	51	37	38	39	48	42	33		
K056	7 James Street Melrose Park			K	Residential	47	42	42	37	32	46	0	40	43	38	0	21	22	41	48	39	47	46	39	0	0	0	0	26	27	39	52	38	39	41	50	44	35		
K057	8 James Street Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	28	29	43	50	41	49	48	41	0	0	0	0	37	38	40	53	39	40	43	52	46	37		
K058	9 James Street Melrose Park			K	Residential	47	42	42	37	35	49	0	42	45	40	0	25	26	41	48	39	47	46	39	0	0	0	0	37	38	39	52	38	39	41	50	44	35		
K059	56 Andrew Street Melrose Park			K	Residential	47	42	42	37	18	32	0	40	43	38	0	21	22	41	48	39	47	46	39	0	0	0	0	26	27	39	52	38	39	38	47	41	32		X
K060	1 Batten Avenue Melrose Park			K	Residential	47	42	42	37	44	58	0	64	67	62	0	38	39	66	73	64	72	71	64	0	0	0	0	55	56	42	55	41	42	66	75	69	60		
K061	10 Batten Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	38	39	48	55	46	54	53	46	0	0	0	0	44	45	33	46	32	33	51	60	54	45		
K062	12 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	42	45	40	0	37	38	46	53	44	52	51	44	0	0	0	0	43	44	37	50	36	37	49	58	52	43		
K063	13 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	42	45	40	0	37	38	46	53	44	52	51	44	0	0	0	0	43	44	38	51	37	38	49	58	52	43		
K064	13 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	42	45	40	0	38	39	46	53	44	52	51	44	0	0	0	0	43	44	37	50	36	37	49	58	52	43		
K065	14 Batten Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	41	44	39	0	36	37	41	48	39	47	46	39	0	0	0	0	38	39	36	49	35	36	44	53	47	38		
K066	2 Batten Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	38	39	49	56	47	55	54	47	0	0	0	0	44	45	37	50	36	37	50	59	53	44		
K067	3 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	39	40	47	54	45	53	52	45	0	0	0	0	43	44	36	49	35	36	50	59	53	44		
K068	4 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	38	39	47	54	45	53	52	45	0	0	0	0	45	46	36	49	35	36	49	58	52	43		
K069	5 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	40	43	38	0	38	39	47	54	45	53	52	45	0	0	0	0	44	45	32	45	31	32	51	60	54	45		
K070	6 Batten Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	38	39	47	54	45	53	52	45	0	0	0	0	44	45	29	42	28	29	50	59	53	44		
K071	6 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	40	43	38	0	37	38	47	54	45	53	52	45	0	0	0	0	44	45	32	45	31	32	51	60	54	45		
K072	7 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	40	43	38	0	38	39	46	53	44	52	51	44	0	0	0	0	43	44	31	44	30	31	48	57	51	42		
K073	8 Batten Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	40	43	38	0	38	39	47	54	45	53	52	45	0	0	0	0	44	45	35	48	34	35	47	56	50	41		
K074	9 Batten Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	46	53	44	52	51	44	0	0	0	0	43	44	33	46	32	33	49	58	52	43		
K075	1 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	38	39	46	53	44	52	51	44	0	0	0	0	44	45	34	47	33	34	47	56	50	41		
K076	10 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	56	70	0	63	66	61	0	35	36	58	65	56	64	63	56	0	0	0	0	46	47	57	70	56	57	58	67	61	52		
K077	100 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	49	63	0	54	57	52	0	34	35	54	61	52	60	59	52	0	0	0	0	46	47	49	62	48	49	53	62	56	47		
K078	101 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	45	52	43	51	50	43	0	0	0	0	42	43	35	48	34	35	45	54	48	39		
K079	103 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	37	38	48	55	46	54	53	46	0	0	0	0	44	45	29	42	28	29	49	58	52	43		
K080	104 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	38	39	48	55	46	54	53	46	0	0	0	0	43	44	29	42	28	29	51	60	54	45		
K081	104 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	44	51	42	50	49	42	0	0	0	0	42	43	35	48	34	35	46	55	49	40		
K082	105 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	45	52	43	51	50	43	0	0	0	0	42	43	35	48	34	35	46	55	49	40		
K083	105 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	40	43	38	0	36	37	49	56	47	55	54	47	0	0	0	0	46	47	31	44	30	31	50	59	53	44		
K084	106 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	39	40	48	55	46	54	53	46	0	0	0	0	45	46	33	46	32	33	49	58	52	43		
K085	107 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	39	42	37	0	37	38	44	51	42	50	49	42	0	0	0	0	42	43	35	48	34	35	47	56	50	41		
K086	108 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	39	40	48	55	46	54	53	46	0	0	0	0	45	46	30	43	29	30	50	59	53	44		
K087	109 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	36	37	44	51	42	50	49	42	0	0	0	0	41	42	34	47	33	34	47	56	50	41		
K088	11 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	39	42	37	0	29	30	48	55	46	54	53	46	0	0	0	0	43	44	32	45	31	32	50	59	53	44		
K089	110 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	56	70	0	64	67	62	0	31	32	59	66	57	65	64	57	0	0	0	0	43	44	59	72	58	59	58	67	61	52		
K090	111 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	45	52	43	51	50	43	0	0	0	0	42	43	35	48	34	35	47	56	50	41		
K091	112 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	29	32	27	0	25	26	48	55	46	54	53	46	0	0	0	0	29	30	25	38	24	25	50	59	53	44		
K092	113 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	36	37	43	50	41	49	48	41	0	0	0	0	41	42	21	34	20	21	44	53	47	38		
K093	114 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	29	43	0	39	42	37	0	27	28	39	46	37	45	44	37	0	0	0	0	37	38	34	47	33	34	38	47	41	32		
K094	115 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	38	41	36	0	36	37	43	50	41	49	48	41	0	0	0	0	40	41	34	47	33	34	43	52	46	37		
K095	116 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	37	38	46	53	44	52	51	44	0	0	0	0	44	45	31	44	30	31	46	55	49	40		
K096	117 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	38	41	36	0	36	37	43	50	41	49	48	41	0	0	0	0	40	41	34	47	33	34	43	52	46	37		
K097	118 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	38	39	47	54	45	53	52	45	0	0	0	0	42	43	32	45	31	32	50	59	53	44		
K098	119 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	38	41	36	0	36	37	42	49	40	48	47	40	0	0	0	0	40	41	33	46	32	33	43	52	46	37		
K099	12 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	42	45	40	0	39	40	47	54	45	53	52	45	0	0	0	0	45	46	37	50	36	37	50	59	53	44		
K100	120 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	45	59	0	55	58	53	0	34	35	55	62	53	61	60	53	0	0	0	0	46	47	44	57	43	44	54	63	57	48		
K101	121 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	38	41	36	0	36	37	43	50	41	49	48	41	0	0	0	0	40	41	34	47	33	34	43	52	46	37		
K102	122 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	39	40	47	54	45	53	52	45	0	0	0	0	44	45	20	33	19	20	47	56	50	41		
K103	123 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	37	40	35	0	35	36	41	48	39	47	46	39	0	0	0	0	39	40	33	46	32	33	42	51	45	36		
K104	124 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	38	39	46	53	44	52	51	44	0	0	0	0	44	45	26	39	25	26	48	57	51	42		
K105	125 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	36	39	34	0	34	35	41	48	39	47	46	39	0	0	0	0	38	39	33	46	32	33	42	51	45	36		
K106	126 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	39	40	46	53	44	52	51	44	0	0	0	0	44	45	36	49	35	36	48	57	51	42		
K107	127 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	36	39	34	0	35	36	40	47	38	46	45	38	0	0	0	0	38	39	20	33	19	20	41	50	44	35		
K108	128 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	39	40	46	53	44	52	51	44	0	0	0	0	43	44	29	42	28	29	47	56	50	41		
K109	129 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	36	39	34	0	35	36	39	46	37	45	44	37	0	0	0	0	36	37	32	45	31	32	41	50	44	35		
K110	129 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	27	41	0	34	37	32	0	23	24	30	37	28	36	35	28	0	0	0	0	26	27	27	40	26	27	32	41	35	26		
K111	13 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	38	39	47	54	45	53	52	45	0	0	0	0	43	44	35	48	34	35	50	59	53	44		
K112	130 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	46	60	0	56	59	54	0	28	29	59	66	57	65	64	57	0	0	0	0	41	42	59	72	58	59	50	59	53	44		
K113	131 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	36	39	34	0	33	34	39	46	37	45	44	37	0	0	0	0	37	38	32	45	31	32	41	50	44	35		
K114	132 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	40	41	49	56	47	55	54	47	0	0	0	0	43	44	36	49	35	36	49	58	52	43		
K115	133 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	36	39	34	0	34	35	40	47	38	46	45	38	0	0	0	0	37	38	25	38	24	25	40	49	43	34		
K116	134 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	40	43	38	0	39	40	47	54	45	53	52	45	0	0	0	0	43	44	35	48	34	35	49	58	52	43		
K117	135 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	35	38	33	0	34	35	40	47	38	46	45	38	0	0	0	0	37	38	32	45	31	32	40	49	43	34		
K118	137 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	40	43	38	0	33	34	41	48	39	47	46	39	0	0	0	0	37	38	35	48	34	35	46	55	49	40		
K119	139 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	39	42	37	0	37	38	43	50	41	49	48	41	0	0	0	0	40	41	28	41	27	28	43	52	46	37		
K120	14 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	39	42	37	0	38	39	45	52	43	51	50	43	0	0	0	0	41	42	33	46	32	33	47	56	50	41		
K121	141 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	48	62	0	54	57	52	0	21	22	53	60	51	59	58	51	0	0	0	0	34	35	44	57	43	44	53	62	56	47		
K122	143 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	38	39	44	51	42	50	49	42	0	0	0	0	42	43	34	47	33	34	48	57	51	42		
K123	145 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	38	39	44	51	42	50	49	42	0	0	0	0	42	43	34	47	33	34	45	54	48	39		
K124	147 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	38	39	43	50	41	49	48	41	0	0	0	0	40	41	34	47	33	34	44	53	47	38		
K125	149 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	39	42	37	0	38	39	43	50	41	49	48	41	0	0	0	0	41	42	31	44	30	31	44	53	47	38		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
K126	15 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	37	38	43	50	41	49	48	41	0	0	0	0	41	42	23	36	22	23	41	50	44	35		
K127	151 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	50	64	0	57	60	55	0	29	30	58	65	56	64	63	56	0	0	0	0	45	46	57	70	56	57	55	64	58	49		
K128	153 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	36	37	42	49	40	48	47	40	0	0	0	0	35	36	28	41	27	28	41	50	44	35		
K129	155 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	36	37	42	49	40	48	47	40	0	0	0	0	40	41	20	33	19	20	43	52	46	37		
K130	157 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	38	41	36	0	36	37	42	49	40	48	47	40	0	0	0	0	40	41	32	45	31	32	42	51	45	36		
K131	159 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	36	39	34	0	34	35	42	49	40	48	47	40	0	0	0	0	39	40	29	42	28	29	42	51	45	36		
K132	16 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	37	40	35	0	36	37	37	44	35	43	42	35	0	0	0	0	35	36	29	42	28	29	36	45	39	30		
K133	161 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	44	58	0	53	56	51	0	32	33	51	58	49	57	56	49	0	0	0	0	35	36	44	57	43	44	51	60	54	45		
K134	163 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	36	39	34	0	32	33	40	47	38	46	45	38	0	0	0	0	37	38	28	41	27	28	41	50	44	35		
K135	165 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	36	39	34	0	32	33	40	47	38	46	45	38	0	0	0	0	38	39	29	42	28	29	41	50	44	35		
K136	167 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	36	39	34	0	34	35	40	47	38	46	45	38	0	0	0	0	37	38	30	43	29	30	41	50	44	35		
K137	169 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	36	39	34	0	34	35	40	47	38	46	45	38	0	0	0	0	37	38	32	45	31	32	40	49	43	34		
K138	17 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	35	38	33	0	17	18	40	47	38	46	45	38	0	0	0	0	38	39	31	44	30	31	40	49	43	34		
K139	18 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	51	65	0	58	61	56	0	32	33	56	63	54	62	61	54	0	0	0	0	47	48	54	67	53	54	54	63	57	48		
K140	19 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	43	57	0	52	55	50	0	34	35	51	58	49	57	56	49	0	0	0	0	45	46	45	58	44	45	50	59	53	44		
K141	2 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	52	66	0	56	59	54	0	29	30	54	61	52	60	59	52	0	0	0	0	46	47	48	61	47	48	54	63	57	48		
K142	20 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	45	59	0	52	55	50	0	26	27	51	58	49	57	56	49	0	0	0	0	45	46	49	62	48	49	50	59	53	44		
K143	20 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	54	57	52	0	22	23	53	60	51	59	58	51	0	0	0	0	37	38	45	58	44	45	53	62	56	47		
K144	21 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	51	54	49	0	22	23	51	58	49	57	56	49	0	0	0	0	35	36	33	46	32	33	50	59	53	44		
K145	23 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	49	63	0	57	60	55	0	33	34	58	65	56	64	63	56	0	0	0	0	42	43	49	62	48	49	57	66	60	51		
K146	24 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	54	68	0	59	62	57	0	33	34	57	64	55	63	62	55	0	0	0	0	44	45	48	61	47	48	57	66	60	51		
K147	25 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	51	54	49	0	28	29	51	58	49	57	56	49	0	0	0	0	35	36	34	47	33	34	50	59	53	44		
K148	26 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	53	67	0	58	61	56	0	32	33	56	63	54	62	61	54	0	0	0	0	43	44	47	60	46	47	56	65	59	50		
K149	27 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	28	42	0	47	50	45	0	21	22	47	54	45	53	52	45	0	0	0	0	41	42	30	43	29	30	46	55	49	40		
K150	28 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	52	55	50	0	22	23	51	58	49	57	56	49	0	0	0	0	39	40	41	54	40	41	50	59	53	44		
K151	29 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	28	42	0	47	50	45	0	26	27	47	54	45	53	52	45	0	0	0	0	40	41	30	43	29	30	46	55	49	40		
K152	3 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	54	57	52	0	34	35	56	63	54	62	61	54	0	0	0	0	43	44	41	54	40	41	55	64	58	49		
K153	30 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	48	62	0	57	60	55	0	28	29	57	64	55	63	62	55	0	0	0	0	46	47	57	70	56	57	54	63	57	48		
K154	31 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	48	51	46	0	35	36	48	55	46	54	53	46	0	0	0	0	41	42	38	51	37	38	47	56	50	41		
K155	31 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	46	60	0	55	58	53	0	23	24	57	64	55	63	62	55	0	0	0	0	48	49	49	62	48	49	56	65	59	50		
K156	32 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	46	60	0	56	59	54	0	35	36	57	64	55	63	62	55	0	0	0	0	45	46	47	60	46	47	56	65	59	50		
K157	33 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	41	44	39	0	31	32	42	49	40	48	47	40	0	0	0	0	43	44	37	50	36	37	41	50	44	35		
K158	34 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	53	56	51	0	19	20	53	60	51	59	58	51	0	0	0	0	48	49	35	48	34	35	52	61	55	46		
K159	35 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	41	44	39	0	30	31	40	47	38	46	45	38	0	0	0	0	36	37	37	50	36	37	40	49	43	34		
K160	36 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	50	64	0	57	60	55	0	25	26	52	59	50	58	57	50	0	0	0	0	49	50	48	61	47	48	51	60	54	45		
K161	36 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	41	44	39	0	32	33	43	50	41	49	48	41	0	0	0	0	36	37	39	52	38	39	42	51	45	36		
K162	37 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	42	45	40	0	28	29	42	49	40	48	47	40	0	0	0	0	37	38	38	51	37	38	41	50	44	35		
K163	38 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	50	64	0	57	60	55	0	32	33	55	62	53	61	60	53	0	0	0	0	48	49	52	65	51	52	54	63	57	48		
K164	39 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	42	45	40	0	29	30	43	50	41	49	48	41	0	0	0	0	35	36	38	51	37	38	42	51	45	36		
K165	4 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	49	63	0	56	59	54	0	35	36	52	59	50	58	57	50	0	0	0	0	48	49	50	63	49	50	51	60	54	45		
K166	41 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	50	64	0	57	60	55	0	30	31	53	60	51	59	58	51	0	0	0	0	44	45	52	65	51	52	53	62	56	47		
K167	42 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	50	53	48	0	31	32	50	57	48	56	55	48	0	0	0	0	48	49	41	54	40	41	49	58	52	43		
K168	43 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	34	35	42	49	40	48	47	40	0	0	0	0	33	34	40	53	39	40	42	51	45	36		
K169	44 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	46	49	44	0	21	22	46	53	44	52	51	44	0	0	0	0	43	44	35	48	34	35	46	55	49	40		
K170	45 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	30	44	0	41	44	39	0	34	35	41	48	39	47	46	39	0	0	0	0	33	34	31	44	30	31	41	50	44	35		
K171	46 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	45	48	43	0	32	33	45	52	43	51	50	43	0	0	0	0	39	40	43	56	42	43	44	53	47	38		
K172	47 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	43	46	41	0	35	36	42	49	40	48	47	40	0	0	0	0	34	35	41	54	40	41	41	50	44	35		
K173	48 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	45	48	43	0	23	24	45	52	43	51	50	43	0	0	0	0	39	40	34	47	33	34	44	53	47	38		
K174	49 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	38	41	36	0	35	36	44	51	42	50	49	42	0	0	0	0	35	36	28	41	27	28	45	54	48	39		
K175	5 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	44	47	42	0	22	23	44	51	42	50	49	42	0	0	0	0	39	40	36	49	35	36	43	52	46	37		
K176	5 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	46	60	0	56	59	54	0	26	27	58	65	56	64	63	56	0	0	0	0	34	35	58	71	57	58	53	62	56	47		
K177	51 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	58	72	0	65	68	63	0	36	37	60	67	58	66	65	58	0	0	0	0	47	48	60	73	59	60	60	69	63	54		
K178	52 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	47	50	45	0	23	24	46	53	44	52	51	44	0	0	0	0	39	40	39	52	38	39	45	54	48	39		
K179	52 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	34	35	45	52	43	51	50	43	0	0	0	0	35	36	42	55	41	42	44	53	47	38		
K180	54 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	48	51	46	0	35	36	47	54	45	53	52	45	0	0	0	0	36	37	41	54	40	41	46	55	49	40		
K181	55 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	30	44	0	38	41	36	0	35	36	46	53	44	52	51	44	0	0	0	0	35	36	28	41	27	28	46	55	49	40		
K182	56 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	44	47	42	0	27	28	43	50	41	49	48	41	0	0	0	0	30	31	36	49	35	36	43	52	46	37		
K183	57 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	33	34	43	50	41	49	48	41	0	0	0	0	34	35	41	54	40	41	43	52	46	37		
K184	58 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	45	48	43	0	34	35	44	51	42	50	49	42	0	0	0	0	33	34	41	54	40	41	43	52	46	37		
K185	59 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	44	47	42	0	31	32	45	52	43	51	50	43	0	0	0	0	34	35	41	54	40	41	45	54	48	39		
K186	6 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	38	41	36	0	37	38	44	51	42	50	49	42	0	0	0	0	36	37	29	42	28	29	44	53	47	38		
K187	60 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	48	62	0	55	58	53	0	34	35	55	62	53	61	60	53	0	0	0	0	46	47	52	65	51	52	54	63	57	48		
K188	61 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	43	46	41	0	34	35	43	50	41	49	48	41	0	0	0	0	34	35	41	54	40	41	42	51	45	36		
K189	62 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	42	45	40	0	34	35	44	51	42	50	49	42	0	0	0	0	35	36	37	50	36	37	44	53	47	38		
K190	63 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	27	41	0	34	37	32	0	30	31	43	50	41	49	48	41	0	0	0	0	29	30	28	41	27	28	43	52	46	37		
K191	64 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	47	50	45	0	36	37	47	54	45	53	52	45	0	0	0	0	36	37	39	52	38	39	48	57	51	42		
K192	65 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	42	45	40	0	34	35	41	48	39	47	46	39	0	0	0	0	33	34	40	53	39	40	44	53	47	38		
K193	66 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	44	47	42	0	33	34	45	52	43	51	50	43	0	0	0	0	36	37	36	49	35	36	44	53	47	38		
K194	67 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	39	42	37	0	35	36	46	53	44	52	51	44	0	0	0	0	42	43	26	39	25	26	50	59	53	44		
K195	68 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	47	50	45	0	33	34	45	52	43	51	50	43	0	0	0	0	35	36	43	56	42	43	43	52	46	37		
K196	69 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	40	43	38	0	34	35	44	51	42	50	49	42	0	0	0	0	41	42	38	51	37	38	44	53	47	38		
K197	7 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	47	50	45	0	34	35	44	51	42	50	49	42	0	0	0	0	36	37	43	56	42	43	44	53	47	38		
K198	70 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	49	52	47	0	17	18	51	58	49	57	56	49	0	0	0	0	32	33	51	64	50	51	41	50	44	35		
K199	71 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	42	45	40	0	33	34	42	49	40	48	47	40	0	0	0	0	40	41	37	50	36	37	45	54	48	39		
K200	72 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	46	49	44	0	33	34	45	52	43	51	50	43	0	0	0	0	36	37	42	55	41	42	45	54	48	39		
K201	74 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	43	46	41	0	34	35	46	53	44	52	51	44	0	0	0	0	42	43	36	49	35	36	49	58	52	43		
K202	75 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	40	43	38	0	37	38	45	52	43	51	50	43	0	0	0	0	42	43	39	52	38	39	49	58	52	43		
K203	75 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	38	39	49	56	47	55	54	47	0	0	0	0	43	44	22	35	21	22	51	60	54	45		
K204	76 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	45	48	43	0	34	35	44	51	42	50	49	42	0	0	0	0	36	37	41	54	40	41	45	54	48	39		
K205	77 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	39	42	37	0	37	38	44	51	42	50	49	42	0	0	0	0	41	42	26	39	25	26	46	55	49	40		
K206	78 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	43	46	41	0	28	29	48	55	46	54	53	46	0	0	0	0	44	45	39	52	38	39	50	59	53	44		
K207	79 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	46	53	44	52	51	44	0	0	0	0	43	44	38	51	37	38	47	56	50	41		
K208	8 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	40	43	38	0	37	38	47	54	45	53	52	45	0	0	0	0	37	38	37	50	36	37	51	60	54	45		
K209	80 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	48	62	0	55	58	53	0	34	35	53	60	51	59	58	51	0	0	0	0	46	47	49	62	48	49	53	62	56	47		
K210	81 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	40	43	38	0	34	35	44	51	42	50	49	42	0	0	0	0	41	42	37	50	36	37	46	55	49	40		
K211	82 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	24	38	0	31	34	29	0	25	26	40	47	38	46	45	38	0	0	0	0	30	31	25	38	24	25	39	48	42	33		
K212	83 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	39	42	37	0	37	38	46	53	44	52	51	44	0	0	0	0	43	44	23	36	22	23	48	57	51	42		
K213	84 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	38	41	36	0	33	34	44	51	42	50	49	42	0	0	0	0	41	42	27	40	26	27	47	56	50	41		
K214	85 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	43	46	41	0	37	38	46	53	44	52	51	44	0	0	0	0	43	44	38	51	37	38	48	57	51	42		
K215	86 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	39	42	37	0	36	37	47	54	45	53	52	45	0	0	0	0	43	44	31	44	30	31	49	58	52	43		
K216	87 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	42	45	40	0	39	40	47	54	45	53	52	45	0	0	0	0	43	44	37	50	36	37	49	58	52	43		
K217	87 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	39	40	46	53	44	52	51	44	0	0	0	0	44	45	27	40	26	27	48	57	51	42		
K218	88 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	36	37	49	56	47	55	54	47	0	0	0	0	42	43	38	51	37	38	49	58	52	43		
K219	89 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	39	42	37	0	39	40	44	51	42	50	49	42	0	0	0	0	39	40	34	47	33	34	51	60	54	45		
K220	9 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	40	43	38	0	40	41	49	56	47	55	54	47	0	0	0	0	42	43	26	39	25	26	52	61	55	46		
K221	9 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	55	69	0	60	63	58	0	27	28	56	63	54	62	61	54	0	0	0	0	39	40	55	68	54	55	58	67	61	52		
K222	90 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	58	72	0	65	68	63	0	26	27	60	67	58	66	65	58	0	0	0	0	41	42	59	72	58	59	60	69	63	54		
K223	91 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	43	46	41	0	38	39	42	49	40	48	47	40	0	0	0	0	40	41	38	51	37	38	43	52	46	37		
K224	92 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	25	39	0	35	38	33	0	27	28	44	51	42	50	49	42	0	0	0	0	30	31	28	41	27	28	47	56	50	41		
K225	92 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	37	40	35	0	35	36	44	51	42	50	49	42	0	0	0	0	38	39	25	38	24	25	44	53	47	38		
K226	93 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	39	42	37	0	37	38	40	47	38	46	45	38	0	0	0	0	38	39	36	49	35	36	43	52	46	37		
K227	94 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	28	42	0	40	43	38	0	30	31	39	46	37	45	44	37	0	0	0	0	32	33	32	45	31	32	38	47	41	32		
K228	95 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	38	39	43	50	41	49	48	41	0	0	0	0	41	42	37	50	36	37	46	55	49	40		
K229	96 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	30	44	0	39	42	37	0	24	25	38	45	36	44	43	36	0	0	0	0	29	30	36	49	35	36	37	46	40	31		
K230	97 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	42	45	40	0	37	38	45	52	43	51	50	43	0	0	0	0	43	44	36	49	35	36	47	56	50	41		
K231	98 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	34	35	40	47	38	46	45	38	0	0	0	0	36	37	36	49	35	36	41	50	44	35		
K232	99 Cobham Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	37	38	47	54	45	53	52	45	0	0	0	0	45	46	36	49	35	36	48	57	51	42		
K233	1 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	37	38	48	55	46	54	53	46	0	0	0	0	44	45	22	35	21	22	49	58	52	43		
K234	10 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	33	34	47	54	45	53	52	45	0	0	0	0	41	42	45	58	44	45	46	55	49	40		
K235	11 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	28	29	45	52	43	51	50	43	0	0	0	0	39	40	43	56	42	43	44	53	47	38		
K236	12 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	40	54	0	47	50	45	0	23	24	47	54	45	53	52	45	0	0	0	0	29	30	45	58	44	45	45	54	48	39		
K237	13 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	32	46	0	44	47	42	0	32	33	44	51	42	50	49	42	0	0	0	0	40	41	42	55	41	42	41	50	44	35		
K238	15 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	40	54	0	48	51	46	0	34	35	47	54	45	53	52	45	0	0	0	0	43	44	38	51	37	38	46	55	49	40		
K239	16 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	34	48	0	49	52	47	0	23	24	47	54	45	53	52	45	0	0	0	0	29	30	45	58	44	45	45	54	48	39		
K240	16 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	30	31	45	52	43	51	50	43	0	0	0	0	40	41	42	55	41	42	44	53	47	38		
K241	17 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	39	53	0	47	50	45	0	31	32	45	52	43	51	50	43	0	0	0	0	41	42	42	55	41	42	45	54	48	39		
K242	19 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	25	26	47	54	45	53	52	45	0	0	0	0	34	35	45	58	44	45	47	56	50	41		
K243	2 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	23	24	47	54	45	53	52	45	0	0	0	0	27	28	45	58	44	45	46	55	49	40		
K244	20 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	34	48	0	46	49	44	0	20	21	45	52	43	51	50	43	0	0	0	0	27	28	43	56	42	43	42	51	45	36		
K245	20 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	29	43	0	31	34	29	0	27	28	37	44	35	43	42	35	0	0	0	0	29	30	26	39	25	26	36	45	39	30		
K246	21 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	27	28	45	52	43	51	50	43	0	0	0	0	37	38	42	55	41	42	44	53	47	38		
K247	22 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	33	47	0	48	51	46	0	23	24	50	57	48	56	55	48	0	0	0	0	29	30	48	61	47	48	46	55	49	40		
K248	23 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	38	52	0	45	48	43	0	21	22	44	51	42	50	49	42	0	0	0	0	24	25	42	55	41	42	43	52	46	37		
K249	24 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	41	55	0	49	52	47	0	22	23	50	57	48	56	55	48	0	0	0	0	28	29	48	61	47	48	47	56	50	41		
K250	25 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	40	54	0	48	51	46	0	26	27	46	53	44	52	51	44	0	0	0	0	32	33	42	55	41	42	45	54	48	39		
K251	26 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	41	55	0	49	52	47	0	30	31	49	56	47	55	54	47	0	0	0	0	44	45	41	54	40	41	48	57	51	42		
K252	27 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	28	42	0	44	47	42	0	22	23	43	50	41	49	48	41	0	0	0	0	29	30	41	54	40	41	42	51	45	36		
K253	28 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	37	51	0	51	54	49	0	22	23	49	56	47	55	54	47	0	0	0	0	28	29	48	61	47	48	46	55	49	40		
K254	29 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	24	25	47	54	45	53	52	45	0	0	0	0	40	41	43	56	42	43	46	55	49	40		
K255	3 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	43	57	0	51	54	49	0	22	23	52	59	50	58	57	50	0	0	0	0	31	32	50	63	49	50	48	57	51	42		
K256	30 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	26	40	0	45	48	43	0	20	21	45	52	43	51	50	43	0	0	0	0	26	27	44	57	43	44	41	50	44	35		
K257	31 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	42	56	0	49	52	47	0	31	32	47	54	45	53	52	45	0	0	0	0	40	41	44	57	43	44	47	56	50	41		
K258	32 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	46	60	0	54	57	52	0	25	26	53	60	51	59	58	51	0	0	0	0	34	35	50	63	49	50	52	61	55	46		
K259	33 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	42	56	0	49	52	47	0	31	32	47	54	45	53	52	45	0	0	0	0	40	41	44	57	43	44	47	56	50	41		
K260	36 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	42	56	0	50	53	48	0	23	24	51	58	49	57	56	49	0	0	0	0	33	34	49	62	48	49	46	55	49	40		
K261	4 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	43	57	0	53	56	51	0	26	27	50	57	48	56	55	48	0	0	0	0	38	39	50	63	49	50	49	58	52	43		
K262	5 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	23	24	43	50	41	49	48	41	0	0	0	0	32	33	40	53	39	40	42	51	45	36		
K263	6 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	34	48	0	46	49	44	0	33	34	46	53	44	52	51	44	0	0	0	0	42	43	35	48	34	35	45	54	48	39		
K264	7 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	32	46	0	42	45	40	0	27	28	42	49	40	48	47	40	0	0	0	0	39	40	38	51	37	38	41	50	44	35		
K265	7 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	29	43	0	47	50	45	0	25	26	46	53	44	52	51	44	0	0	0	0	31	32	45	58	44	45	44	53	47	38		
K266	8 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	41	55	0	49	52	47	0	34	35	47	54	45	53	52	45	0	0	0	0	42	43	45	58	44	45	46	55	49	40		
K267	9 Crowley Crescent Melrose Park			K	Residential	47	42	42	37	38	52	0	45	48	43	0	26	27	44	51	42	50	49	42	0	0	0	0	38	39	41	54	40	41	43	52	46	37		
K268	1 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	47	50	45	0	34	35	47	54	45	53	52	45	0	0	0	0	42	43	38	51	37	38	46	55	49	40		
K269	10 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	40	43	38	0	37	38	46	53	44	52	51	44	0	0	0	0	38	39	36	49	35	36	48	57	51	42		
K270	12 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	39	40	46	53	44	52	51	44	0	0	0	0	42	43	36	49	35	36	48	57	51	42		
K271	12 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	39	42	37	0	36	37	44	51	42	50	49	42	0	0	0	0	41	42	32	45	31	32	45	54	48	39		
K272	2 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	38	39	48	55	46	54	53	46	0	0	0	0	43	44	36	49	35	36	50	59	53	44		
K273	3 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	40	43	38	0	36	37	45	52	43	51	50	43	0	0	0	0	43	44	31	44	30	31	47	56	50	41		
K274	4 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	40	43	38	0	39	40	46	53	44	52	51	44	0	0	0	0	43	44	35	48	34	35	48	57	51	42		
K275	5 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	44	51	42	50	49	42	0	0	0	0	42	43	32	45	31	32	47	56	50	41		
K276	6 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	38	39	46	53	44	52	51	44	0	0	0	0	43	44	26	39	25	26	48	57	51	42		
K277	7 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	45	52	43	51	50	43	0	0	0	0	42	43	32	45	31	32	46	55	49	40		
K278	7 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	37	40	35	0	31	32	46	53	44	52	51	44	0	0	0	0	39	40	31	44	30	31	48	57	51	42		
K279	8 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	36	39	34	0	34	35	45	52	43	51	50	43	0	0	0	0	43	44	27	40	26	27	48	57	51	42		
K280	9 Johnson Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	45	52	43	51	50	43	0	0	0	0	41	42	33	46	32	33	46	55	49	40		
K281	1 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	37	38	44	51	42	50	49	42	0	0	0	0	42	43	29	42	28	29	47	56	50	41		
K282	1 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	43	46	41	0	40	41	55	62	53	61	60	53	0	0	0	0	49	50	37	50	36	37	62	71	65	56		
K283	1 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	43	57	0	46	49	44	0	41	42	57	64	55	63	62	55	0	0	0	0	51	52	42	55	41	42	63	72	66	57		
K284	10 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	40	41	50	57	48	56	55	48	0	0	0	0	39	40	39	52	38	39	57	66	60	51		
K285	101 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	43	46	41	0	37	38	46	53	44	52	51	44	0	0	0	0	38	39	31	44	30	31	47	56	50	41		
K286	102 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	50	53	48	0	25	26	52	59	50	58	57	50	0	0	0	0	31	32	49	62	48	49	45	54	48	39		
K287	103 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	59	62	57	0	25	26	61	68	59	67	66	59	0	0	0	0	34	35	60	73	59	60	56	65	59	50		
K288	104 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	49	52	47	0	22	23	50	57	48	56	55	48	0	0	0	0	30	31	48	61	47	48	46	55	49	40		
K289	106 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	47	61	0	53	56	51	0	28	29	51	58	49	57	56	49	0	0	0	0	46	47	44	57	43	44	50	59	53	44		
K290	106 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	29	43	0	58	61	56	0	25	26	59	66	57	65	64	57	0	0	0	0	36	37	58	71	57	58	55	64	58	49		
K291	107 Lancaster Avenue Melrose Park	Melrose Family Day Care		K	Educational institute	55	0	0	0	34	48	0	59	62	57	0	25	26	59	66	57	65	64	57	0	0	0	0	36	37	59	72	58	59	55	64	58	49		
K292	107 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	27	41	0	49	52	47	0	24	25	49	56	47	55	54	47	0	0	0	0	32	33	47	60	46	47	46	55	49	40		
K293	109 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	49	52	47	0	29	30	50	57	48	56	55	48	0	0	0	0	34	35	49	62	48	49	47	56	50	41		
K294	11 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	26	40	0	48	51	46	0	24	25	46	53	44	52	51	44	0	0	0	0	30	31	44	57	43	44	43	52	46	37		
K295	11 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	47	50	45	0	35	36	46	53	44	52	51	44	0	0	0	0	34	35	42	55	41	42	45	54	48	39		
K296	110 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	32	33	46	53	44	52	51	44	0	0	0	0	37	38	41	54	40	41	45	54	48	39		
K297	111 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	58	61	56	0	27	28	58	65	56	64	63	56	0	0	0	0	43	44	57	70	56	57	54	63	57	48		
K298	112 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	27	41	0	49	52	47	0	23	24	48	55	46	54	53	46	0	0	0	0	28	29	46	59	45	46	46	55	49	40		
K299	113 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	47	61	0	54	57	52	0	31	32	50	57	48	56	55	48	0	0	0	0	43	44	46	59	45	46	50	59	53	44		
K300	114 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	32	33	47	54	45	53	52	45	0	0	0	0	41	42	45	58	44	45	46	55	49	40		
K301	114 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	29	43	0	57	60	55	0	27	28	56	63	54	62	61	54	0	0	0	0	33	34	55	68	54	55	53	62	56	47		
K302	115 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	27	41	0	57	60	55	0	27	28	56	63	54	62	61	54	0	0	0	0	33	34	55	68	54	55	53	62	56	47		
K303	117 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	27	41	0	48	51	46	0	25	26	46	53	44	52	51	44	0	0	0	0	28	29	45	58	44	45	45	54	48	39		
K304	118 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	48	51	46	0	24	25	47	54	45	53	52	45	0	0	0	0	27	28	46	59	45	46	44	53	47	38		
K305	119 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	25	39	0	56	59	54	0	25	26	56	63	54	62	61	54	0	0	0	0	33	34	55	68	54	55	53	62	56	47		
K306	12 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	24	38	0	47	50	45	0	26	27	47	54	45	53	52	45	0	0	0	0	28	29	46	59	45	46	44	53	47	38		
K307	120 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	47	50	45	0	37	38	51	58	49	57	56	49	0	0	0	0	37	38	41	54	40	41	50	59	53	44		
K308	121 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	42	56	0	50	53	48	0	31	32	50	57	48	56	55	48	0	0	0	0	43	44	46	59	45	46	48	57	51	42		
K309	122 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	45	48	43	0	23	24	45	52	43	51	50	43	0	0	0	0	28	29	43	56	42	43	43	52	46	37		
K310	123 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	25	39	0	56	59	54	0	24	25	55	62	53	61	60	53	0	0	0	0	32	33	54	67	53	54	52	61	55	46		
K311	124 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	45	48	43	0	22	23	45	52	43	51	50	43	0	0	0	0	26	27	43	56	42	43	43	52	46	37		
K312	125 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	30	31	47	54	45	53	52	45	0	0	0	0	42	43	45	58	44	45	46	55	49	40		
K313	126 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	22	36	0	47	50	45	0	26	27	46	53	44	52	51	44	0	0	0	0	29	30	44	57	43	44	44	53	47	38		
K314	128 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	26	40	0	55	58	53	0	24	25	53	60	51	59	58	51	0	0	0	0	30	31	53	66	52	53	51	60	54	45		
K315	130 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	55	58	53	0	27	28	54	61	52	60	59	52	0	0	0	0	38	39	53	66	52	53	51	60	54	45		
K316	132 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	54	57	52	0	24	25	53	60	51	59	58	51	0	0	0	0	30	31	52	65	51	52	51	60	54	45		
K317	134 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	54	57	52	0	24	25	53	60	51	59	58	51	0	0	0	0	30	31	51	64	50	51	50	59	53	44		
K318	136 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	54	57	52	0	25	26	53	60	51	59	58	51	0	0	0	0	31	32	52	65	51	52	50	59	53	44		
K319	138 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	22	36	0	53	56	51	0	26	27	51	58	49	57	56	49	0	0	0	0	30	31	50	63	49	50	50	59	53	44		
K320	14 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	53	56	51	0	25	26	52	59	50	58	57	50	0	0	0	0	31	32	51	64	50	51	50	59	53	44		
K321	140 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	43	46	41	0	36	37	47	54	45	53	52	45	0	0	0	0	37	38	36	49	35	36	46	55	49	40		
K322	142 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	53	56	51	0	25	26	52	59	50	58	57	50	0	0	0	0	31	32	51	64	50	51	49	58	52	43		
K323	144 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	28	42	0	53	56	51	0	27	28	52	59	50	58	57	50	0	0	0	0	31	32	51	64	50	51	49	58	52	43		
K324	146 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	23	37	0	52	55	50	0	24	25	51	58	49	57	56	49	0	0	0	0	30	31	50	63	49	50	49	58	52	43		
K325	148 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	47	50	45	0	28	29	45	52	43	51	50	43	0	0	0	0	38	39	43	56	42	43	44	53	47	38		
K326	150 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	30	31	44	51	42	50	49	42	0	0	0	0	38	39	43	56	42	43	44	53	47	38		
K327	152 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	45	48	43	0	25	26	45	52	43	51	50	43	0	0	0	0	35	36	43	56	42	43	43	52	46	37		
K328	154 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	46	49	44	0	28	29	45	52	43	51	50	43	0	0	0	0	33	34	44	57	43	44	43	52	46	37		
K329	16 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	30	44	0	46	49	44	0	26	27	45	52	43	51	50	43	0	0	0	0	34	35	44	57	43	44	43	52	46	37		
K330	17 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	34	35	51	58	49	57	56	49	0	0	0	0	37	38	41	54	40	41	50	59	53	44		
K331	17 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	36	37	46	53	44	52	51	44	0	0	0	0	36	37	42	55	41	42	45	54	48	39		
K332	18 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	32	33	46	53	44	52	51	44	0	0	0	0	33	34	42	55	41	42	46	55	49	40		
K333	19 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	44	47	42	0	33	34	50	57	48	56	55	48	0	0	0	0	37	38	36	49	35	36	50	59	53	44		
K334	2 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	34	35	46	53	44	52	51	44	0	0	0	0	34	35	42	55	41	42	45	54	48	39		
K335	20 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	29	32	27	0	34	35	51	58	49	57	56	49	0	0	0	0	47	48	23	36	22	23	55	64	58	49		
K336	21 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	40	43	38	0	29	30	49	56	47	55	54	47	0	0	0	0	36	37	33	46	32	33	49	58	52	43		
K337	22 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	36	37	48	55	46	54	53	46	0	0	0	0	37	38	41	54	40	41	47	56	50	41		
K338	23 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	30	44	0	37	40	35	0	26	27	50	57	48	56	55	48	0	0	0	0	34	35	30	43	29	30	50	59	53	44		
K339	24 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	33	34	48	55	46	54	53	46	0	0	0	0	36	37	41	54	40	41	48	57	51	42		
K340	25 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	47	50	45	0	37	38	50	57	48	56	55	48	0	0	0	0	37	38	34	47	33	34	51	60	54	45		
K341	26 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	46	49	44	0	30	31	46	53	44	52	51	44	0	0	0	0	37	38	41	54	40	41	46	55	49	40		
K342	27 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	38	41	36	0	33	34	50	57	48	56	55	48	0	0	0	0	37	38	29	42	28	29	50	59	53	44		
K343	28 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	31	45	0	39	42	37	0	34	35	49	56	47	55	54	47	0	0	0	0	36	37	30	43	29	30	48	57	51	42		
K344	3 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	45	59	0	51	54	49	0	31	32	51	58	49	57	56	49	0	0	0	0	35	36	43	56	42	43	52	61	55	46		
K345	30 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	46	49	44	0	39	40	51	58	49	57	56	49	0	0	0	0	41	42	42	55	41	42	56	65	59	50		
K346	31 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	45	48	43	0	32	33	51	58	49	57	56	49	0	0	0	0	36	37	35	48	34	35	52	61	55	46		
K347	31 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	39	42	37	0	35	36	46	53	44	52	51	44	0	0	0	0	36	37	29	42	28	29	47	56	50	41		
K348	32 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	38	41	36	0	33	34	46	53	44	52	51	44	0	0	0	0	36	37	30	43	29	30	48	57	51	42		
K349	34 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	46	60	0	52	55	50	0	34	35	51	58	49	57	56	49	0	0	0	0	34	35	44	57	43	44	51	60	54	45		
K350	35 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	44	58	0	50	53	48	0	35	36	45	52	43	51	50	43	0	0	0	0	33	34	44	57	43	44	44	53	47	38		
K351	35 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	32	33	45	52	43	51	50	43	0	0	0	0	33	34	43	56	42	43	45	54	48	39		
K352	36 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	31	32	45	52	43	51	50	43	0	0	0	0	35	36	42	55	41	42	45	54	48	39		
K353	37 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	27	41	0	34	37	32	0	28	29	40	47	38	46	45	38	0	0	0	0	31	32	29	42	28	29	41	50	44	35		
K354	38 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	46	49	44	0	31	32	43	50	41	49	48	41	0	0	0	0	33	34	43	56	42	43	43	52	46	37		
K355	4 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	47	61	0	54	57	52	0	37	38	46	53	44	52	51	44	0	0	0	0	35	36	45	58	44	45	45	54	48	39		
K356	40 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	47	50	45	0	33	34	48	55	46	54	53	46	0	0	0	0	44	45	36	49	35	36	56	65	59	50		
K357	41 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	47	50	45	0	35	36	47	54	45	53	52	45	0	0	0	0	36	37	43	56	42	43	47	56	50	41		
K358	41 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	47	50	45	0	31	32	45	52	43	51	50	43	0	0	0	0	32	33	43	56	42	43	41	50	44	35		
K359	42 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	33	34	45	52	43	51	50	43	0	0	0	0	32	33	43	56	42	43	41	50	44	35		
K360	43 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	49	52	47	0	22	23	47	54	45	53	52	45	0	0	0	0	33	34	36	49	35	36	48	57	51	42		
K361	43 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	43	46	41	0	29	30	42	49	40	48	47	40	0	0	0	0	30	31	39	52	38	39	42	51	45	36		
K362	44 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	47	50	45	0	33	34	45	52	43	51	50	43	0	0	0	0	32	33	43	56	42	43	44	53	47	38		
K363	45 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	45	48	43	0	37	38	45	52	43	51	50	43	0	0	0	0	36	37	32	45	31	32	44	53	47	38		
K364	46 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	41	44	39	0	33	34	41	48	39	47	46	39	0	0	0	0	32	33	34	47	33	34	40	49	43	34		
K365	47 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	44	58	0	51	54	49	0	28	29	50	57	48	56	55	48	0	0	0	0	35	36	48	61	47	48	49	58	52	43		
K366	48 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	34	35	47	54	45	53	52	45	0	0	0	0	43	44	44	57	43	44	46	55	49	40		
K367	49 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	38	52	0	53	56	51	0	24	25	52	59	50	58	57	50	0	0	0	0	42	43	43	56	42	43	52	61	55	46		
K368	5 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	31	32	47	54	45	53	52	45	0	0	0	0	39	40	46	59	45	46	46	55	49	40		
K369	5 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	41	44	39	0	39	40	50	57	48	56	55	48	0	0	0	0	47	48	32	45	31	32	54	63	57	48		
K370	50 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	41	44	39	0	39	40	51	58	49	57	56	49	0	0	0	0	47	48	33	46	32	33	55	64	58	49		
K371	51 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	45	59	0	54	57	52	0	34	35	53	60	51	59	58	51	0	0	0	0	46	47	49	62	48	49	52	61	55	46		
K372	52 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	43	57	0	50	53	48	0	31	32	48	55	46	54	53	46	0	0	0	0	39	40	46	59	45	46	46	55	49	40		
K373	53 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	49	63	0	56	59	54	0	31	32	54	61	52	60	59	52	0	0	0	0	44	45	51	64	50	51	54	63	57	48		
K374	54 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	44	58	0	51	54	49	0	31	32	49	56	47	55	54	47	0	0	0	0	42	43	47	60	46	47	48	57	51	42		
K375	55 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	46	60	0	60	63	58	0	34	35	60	67	58	66	65	58	0	0	0	0	53	54	50	63	49	50	61	70	64	55		
K376	55 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	45	59	0	52	55	50	0	31	32	49	56	47	55	54	47	0	0	0	0	45	46	48	61	47	48	49	58	52	43		
K377	56 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	42	45	40	0	21	22	43	50	41	49	48	41	0	0	0	0	33	34	37	50	36	37	42	51	45	36		
K378	57 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	45	59	0	62	65	60	0	34	35	62	69	60	68	67	60	0	0	0	0	53	54	45	58	44	45	63	72	66	57		
K379	58 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	46	60	0	52	55	50	0	31	32	50	57	48	56	55	48	0	0	0	0	45	46	48	61	47	48	50	59	53	44		
K380	59 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	49	63	0	63	66	61	0	36	37	63	70	61	69	68	61	0	0	0	0	52	53	51	64	50	51	64	73	67	58		
K381	6 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	34	48	0	52	55	50	0	22	23	52	59	50	58	57	50	0	0	0	0	50	51	36	49	35	36	51	60	54	45		
K382	6 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	34	35	42	49	40	48	47	40	0	0	0	0	35	36	28	41	27	28	51	60	54	45		
K383	60 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	30	44	0	43	46	41	0	33	34	46	53	44	52	51	44	0	0	0	0	34	35	29	42	28	29	46	55	49	40		
K384	60 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	59	73	0	65	68	63	0	33	34	59	66	57	65	64	57	0	0	0	0	53	54	59	72	58	59	62	71	65	56		X
K385	61 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	61	75	0	67	70	65	0	35	36	65	72	63	71	70	63	0	0	0	0	50	51	50	63	49	50	67	76	70	61		
K386	62 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	52	66	0	58	61	56	0	30	31	55	62	53	61	60	53	0	0	0	0	43	44	53	66	52	53	56	65	59	50		X
K387	63 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	61	75	0	66	69	64	0	23	24	63	70	61	69	68	61	0	0	0	0	37	38	60	73	59	60	63	72	66	57		
K388	63 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	45	59	0	59	62	57	0	36	37	60	67	58	66	65	58	0	0	0	0	47	48	49	62	48	49	59	68	62	53		
K389	64 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	44	58	0	52	55	50	0	30	31	51	58	49	57	56	49	0	0	0	0	45	46	48	61	47	48	51	60	54	45		X
K390	66 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	45	59	0	62	65	60	0	20	21	62	69	60	68	67	60	0	0	0	0	36	37	43	56	42	43	62	71	65	56		X
K391	67 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	53	67	0	62	65	60	0	38	39	62	69	60	68	67	60	0	0	0	0	52	53	51	64	50	51	63	72	66	57		X
K392	68 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	59	73	0	66	69	64	0	33	34	59	66	57	65	64	57	0	0	0	0	51	52	59	72	58	59	56	65	59	50		X
K393	69 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	71	85	0	75	78	73	0	30	31	66	73	64	72	71	64	0	0	0	0	47	48	64	77	63	64	67	76	70	61		X
K394	7 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	52	66	0	56	59	54	0	22	23	56	63	54	62	61	54	0	0	0	0	35	36	48	61	47	48	56	65	59	50		
K395	71 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	39	40	50	57	48	56	55	48	0	0	0	0	46	47	40	53	39	40	55	64	58	49		X
K396	72 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	62	76	0	66	69	64	0	32	33	62	69	60	68	67	60	0	0	0	0	42	43	58	71	57	58	63	72	66	57		X
K397	73 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	72	86	0	78	81	76	0	30	31	66	73	64	72	71	64	0	0	0	0	48	49	66	79	65	66	68	77	71	62		X
K398	74 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	58	72	0	62	65	60	0	30	31	62	69	60	68	67	60	0	0	0	0	47	48	54	67	53	54	62	71	65	56		X
K399	75 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	73	87	0	81	84	79	0	29	30	66	73	64	72	71	64	0	0	0	0	43	44	67	80	66	67	68	77	71	62		X
K400	76 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	62	76	0	62	65	60	0	31	32	62	69	60	68	67	60	0	0	0	0	50	51	56	69	55	56	62	71	65	56		X
K401	77 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	73	87	0	80	83	78	0	31	32	66	73	64	72	71	64	0	0	0	0	51	52	67	80	66	67	68	77	71	62		X
K402	78 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	62	76	0	69	72	67	0	30	31	62	69	60	68	67	60	0	0	0	0	49	50	58	71	57	58	63	72	66	57		X
K403	79 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	72	86	0	80	83	78	0	37	38	66	73	64	72	71	64	0	0	0	0	51	52	68	81	67	68	68	77	71	62		X
K404	8 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	62	76	0	69	72	67	0	33	34	62	69	60	68	67	60	0	0	0	0	49	50	59	72	58	59	63	72	66	57		
K405	80 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	35	36	48	55	46	54	53	46	0	0	0	0	33	34	42	55	41	42	47	56	50	41		X
K406	81 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	72	86	0	79	82	77	0	37	38	66	73	64	72	71	64	0	0	0	0	50	51	68	81	67	68	68	77	71	62		X
K407	82 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	57	71	0	69	72	67	0	30	31	62	69	60	68	67	60	0	0	0	0	45	46	61	74	60	61	63	72	66	57	X	X
K408	83 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	76	90	0	84	87	82	0	37	38	67	74	65	73	72	65	0	0	0	0	50	51	69	82	68	69	68	77	71	62		X
K409	85 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	60	74	0	67	70	65	0	37	38	61	68	59	67	66	59	0	0	0	0	49	50	62	75	61	62	58	67	61	52		X
K410	87 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	61	75	0	68	71	66	0	30	31	61	68	59	67	66	59	0	0	0	0	48	49	61	74	60	61	61	70	64	55		
K411	89 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	59	73	0	66	69	64	0	36	37	60	67	58	66	65	58	0	0	0	0	47	48	60	73	59	60	60	69	63	54		
K412	9 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	47	61	0	54	57	52	0	28	29	54	61	52	60	59	52	0	0	0	0	44	45	53	66	52	53	52	61	55	46		
K413	90 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	34	35	49	56	47	55	54	47	0	0	0	0	46	47	42	55	41	42	53	62	56	47		X
K414	91 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	62	76	0	69	72	67	0	38	39	64	71	62	70	69	62	0	0	0	0	48	49	65	78	64	65	63	72	66	57		
K415	91 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	35	49	0	53	56	51	0	24	25	50	57	48	56	55	48	0	0	0	0	31	32	49	62	48	49	48	57	51	42		
K416	92 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	43	57	0	52	55	50	0	30	31	51	58	49	57	56	49	0	0	0	0	42	43	50	63	49	50	50	59	53	44		X
K417	92 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	61	75	0	68	71	66	0	38	39	64	71	62	70	69	62	0	0	0	0	48	49	64	77	63	64	62	71	65	56		X
K418	93 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	46	49	44	0	23	24	63	70	61	69	68	61	0	0	0	0	30	31	63	76	62	63	42	51	45	36		
K419	94 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	36	50	0	55	58	53	0	24	25	50	57	48	56	55	48	0	0	0	0	37	38	49	62	48	49	48	57	51	42		X
K420	94 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	59	62	57	0	21	22	62	69	60	68	67	60	0	0	0	0	32	33	62	75	61	62	55	64	58	49		
K421	95 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	58	72	0	65	68	63	0	38	39	63	70	61	69	68	61	0	0	0	0	48	49	63	76	62	63	60	69	63	54		
K422	97 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	32	46	0	56	59	54	0	24	25	53	60	51	59	58	51	0	0	0	0	33	34	53	66	52	53	52	61	55	46		
K423	98 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	55	58	53	0	24	25	54	61	52	60	59	52	0	0	0	0	33	34	53	66	52	53	52	61	55	46		
K424	98 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	56	70	0	63	66	61	0	36	37	62	69	60	68	67	60	0	0	0	0	47	48	62	75	61	62	59	68	62	53		
K425	99 Lancaster Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	59	62	57	0	25	26	62	69	60	68	67	60	0	0	0	0	31	32	62	75	61	62	56	65	59	50		
K426	1 Macintosh Street Melrose Park			K	Residential	47	42	42	37	34	48	0	54	57	52	0	24	25	55	62	53	61	60	53	0	0	0	0	34	35	54	67	53	54	45	54	48	39		
K427	10 Macintosh Street Melrose Park			K	Residential	47	42	42	37	31	45	0	47	50	45	0	32	33	47	54	45	53	52	45	0	0	0	0	43	44	34	47	33	34	46	55	49	40		
K428	11 Macintosh Street Melrose Park			K	Residential	47	42	42	37	42	56	0	50	53	48	0	31	32	49	56	47	55	54	47	0	0	0	0	31	32	39	52	38	39	48	57	51	42		
K429	12 Macintosh Street Melrose Park			K	Residential	47	42	42	37	33	47	0	41	44	39	0	30	31	42	49	40	48	47	40	0	0	0	0	40	41	29	42	28	29	41	50	44	35		
K430	13 Macintosh Street Melrose Park			K	Residential	47	42	42	37	41	55	0	50	53	48	0	23	24	49	56	47	55	54	47	0	0	0	0	44	45	38	51	37	38	48	57	51	42		
K431	14 Macintosh Street Melrose Park			K	Residential	47	42	42	37	35	49	0	43	46	41	0	30	31	42	49	40	48	47	40	0	0	0	0	28	29	37	50	36	37	41	50	44	35		
K432	15 Macintosh Street Melrose Park			K	Residential	47	42	42	37	41	55	0	49	52	47	0	23	24	47	54	45	53	52	45	0	0	0	0	33	34	40	53	39	40	46	55	49	40		
K433	16 Macintosh Street Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	30	31	46	53	44	52	51	44	0	0	0	0	29	30	45	58	44	45	46	55	49	40		
K434	17 Macintosh Street Melrose Park			K	Residential	47	42	42	37	41	55	0	49	52	47	0	31	32	48	55	46	54	53	46	0	0	0	0	37	38	44	57	43	44	47	56	50	41		
K435	18 Macintosh Street Melrose Park			K	Residential	47	42	42	37	44	58	0	51	54	49	0	32	33	47	54	45	53	52	45	0	0	0	0	40	41	46	59	45	46	47	56	50	41		
K436	2 Macintosh Street Melrose Park			K	Residential	47	42	42	37	35	49	0	47	50	45	0	27	28	48	55	46	54	53	46	0	0	0	0	28	29	46	59	45	46	46	55	49	40		
K437	2 Macintosh Street Melrose Park			K	Residential	47	42	42	37	38	52	0	48	51	46	0	32	33	48	55	46	54	53	46	0	0	0	0	29	30	32	45	31	32	47	56	50	41		
K438	20 Macintosh Street Melrose Park			K	Residential	47	42	42	37	38	52	0	50	53	48	0	33	34	49	56	47	55	54	47	0	0	0	0	44	45	31	44	30	31	49	58	52	43		
K439	3 Macintosh Street Melrose Park			K	Residential	47	42	42	37	46	60	0	53	56	51	0	21	22	50	57	48	56	55	48	0	0	0	0	32	33	49	62	48	49	48	57	51	42		
K440	5 Macintosh Street Melrose Park			K	Residential	47	42	42	37	33	47	0	48	51	46	0	27	28	46	53	44	52	51	44	0	0	0	0	33	34	35	48	34	35	46	55	49	40		
K441	6 Macintosh Street Melrose Park			K	Residential	47	42	42	37	38	52	0	49	52	47	0	29	30	48	55	46	54	53	46	0	0	0	0	35	36	36	49	35	36	46	55	49	40		
K442	7 Macintosh Street Melrose Park			K	Residential	47	42	42	37	41	55	0	52	55	50	0	31	32	52	59	50	58	57	50	0	0	0	0	33	34	43	56	42	43	51	60	54	45		
K443	8 Macintosh Street Melrose Park			K	Residential	47	42	42	37	31	45	0	48	51	46	0	28	29	41	48	39	47	46	39	0	0	0	0	35	36	37	50	36	37	46	55	49	40		
K444	9 Macintosh Street Melrose Park			K	Residential	47	42	42	37	40	54	0	52	55	50	0	32	33	52	59	50	58	57	50	0	0	0	0	44	45	32	45	31	32	51	60	54	45		
K445	2 Parer Street Melrose Park			K	Residential	47	42	42	37	38	52	0	47	50	45	0	24	25	45	52	43	51	50	43	0	0	0	0	37	38	36	49	35	36	45	54	48	39		
K446	4 Parer Street Melrose Park			K	Residential	47	42	42	37	38	52	0	45	48	43	0	36	37	43	50	41	49	48	41	0	0	0	0	33	34	41	54	40	41	40	49	43	34		
K447	1 Taylor Avenue Melrose Park			K	Residential	47	42	42	37	33	47	0	41	44	39	0	35	36	46	53	44	52	51	44	0	0	0	0	36	37	38	51	37	38	46	55	49	40		
K448	3 Taylor Avenue Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	49	56	47	55	54	47	0	0	0	0	45	46	22	35	21	22	50	59	53	44		
K449	4 Taylor Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	41	44	39	0	38	39	49	56	47	55	54	47	0	0	0	0	43	44	27	40	26	27	52	61	55	46		
K450	4 Taylor Avenue Melrose Park			K	Residential	47	42	42	37	41	55	0	43	46	41	0	41	42	49	56	47	55	54	47	0	0	0	0	46	47	27	40	26	27	51	60	54	45		
K451	5 Taylor Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	39	40	49	56	47	55	54	47	0	0	0	0	46	47	37	50	36	37	51	60	54	45		
K452	7 Taylor Avenue Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	39	40	50	57	48	56	55	48	0	0	0	0	47	48	34	47	33	34	52	61	55	46		
K453	7 Taylor Avenue Melrose Park			K	Residential	47	42	42	37	39	53	0	43	46	41	0	40	41	50	57	48	56	55	48	0	0	0	0	46	47	28	41	27	28	51	60	54	45		
K454	1218 Victoria Road Melrose Park			K	Residential	47	42	42	37	41	55	0	43	46	41	0	40	41	50	57	48	56	55	48	0	0	0	0	47	48	38	51	37	38	53	62	56	47		
K455	1222 Victoria Road Melrose Park			K	Residential	47	42	42	37	33	47	0	35	38	33	0	17	18	40	47	38	46	45	38	0	0	0	0	37	38	30	43	29	30	40	49	43	34		
K456	1224 Victoria Road Melrose Park			K	Residential	47	42	42	37	27	41	0	34	37	32	0	16	17	39	46	37	45	44	37	0	0	0	0	37	38	31	44	30	31	39	48	42	33		
K457	1 Wharf Road Melrose Park			K	Residential	47	42	42	37	21	35	0	30	33	28	0	16	17	35	42	33	41	40	33	0	0	0	0	23	24	27	40	26	27	35	44	38	29		
K458	101 Wharf Road Melrose Park			K	Residential	47	42	42	37	28	42	0	37	40	35	0	16	17	41	48	39	47	46	39	0	0	0	0	34	35	32	45	31	32	42	51	45	36		
K459	103 Wharf Road Melrose Park			K	Residential	47	42	42	37	43	57	0	50	53	48	0	38	39	53	60	51	59	58	51	0	0	0	0	39	40	45	58	44	45	53	62	56	47		
K460	105 Wharf Road Melrose Park			K	Residential	47	42	42	37	43	57	0	50	53	48	0	39	40	54	61	52	60	59	52	0	0	0	0	39	40	46	59	45	46	53	62	56	47		
K461	107 Wharf Road Melrose Park			K	Residential	47	42	42	37	43	57	0	52	55	50	0	39	40	54	61	52	60	59	52	0	0	0	0	39	40	46	59	45	46	53	62	56	47		
K462	109 Wharf Road Melrose Park			K	Residential	47	42	42	37	44	58	0	51	54	49	0	40	41	53	60	51	59	58	51	0	0	0	0	39	40	47	60	46	47	54	63	57	48		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
K463	11 Wharf Road Melrose Park			K	Residential	47	42	42	37	44	58	0	52	55	50	0	37	38	53	60	51	59	58	51	0	0	0	0	42	43	47	60	46	47	54	63	57	48		
K464	111 Wharf Road Melrose Park			K	Residential	47	42	42	37	35	49	0	38	41	36	0	18	19	43	50	41	49	48	41	0	0	0	0	40	41	32	45	31	32	43	52	46	37		
K465	113 Wharf Road Melrose Park			K	Residential	47	42	42	37	45	59	0	52	55	50	0	38	39	54	61	52	60	59	52	0	0	0	0	39	40	48	61	47	48	55	64	58	49		
K466	115 Wharf Road Melrose Park			K	Residential	47	42	42	37	45	59	0	53	56	51	0	41	42	54	61	52	60	59	52	0	0	0	0	39	40	48	61	47	48	55	64	58	49		
K467	117 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	53	56	51	0	41	42	54	61	52	60	59	52	0	0	0	0	39	40	45	58	44	45	54	63	57	48		
K468	119 Wharf Road Melrose Park			K	Residential	47	42	42	37	45	59	0	54	57	52	0	36	37	54	61	52	60	59	52	0	0	0	0	39	40	49	62	48	49	54	63	57	48		
K469	121 Wharf Road Melrose Park			K	Residential	47	42	42	37	47	61	0	55	58	53	0	29	30	55	62	53	61	60	53	0	0	0	0	40	41	50	63	49	50	54	63	57	48		
K470	123 Wharf Road Melrose Park			K	Residential	47	42	42	37	48	62	0	56	59	54	0	29	30	56	63	54	62	61	54	0	0	0	0	46	47	50	63	49	50	55	64	58	49		
K471	125 Wharf Road Melrose Park			K	Residential	47	42	42	37	49	63	0	57	60	55	0	29	30	58	65	56	64	63	56	0	0	0	0	37	38	52	65	51	52	57	66	60	51		
K472	127 Wharf Road Melrose Park			K	Residential	47	42	42	37	53	67	0	61	64	59	0	32	33	61	68	59	67	66	59	0	0	0	0	38	39	55	68	54	55	60	69	63	54		
K473	129 Wharf Road Melrose Park			K	Residential	47	42	42	37	52	66	0	61	64	59	0	29	30	62	69	60	68	67	60	0	0	0	0	39	40	55	68	54	55	61	70	64	55		
K474	13 Wharf Road Melrose Park			K	Residential	47	42	42	37	52	66	0	62	65	60	0	30	31	63	70	61	69	68	61	0	0	0	0	42	43	56	69	55	56	62	71	65	56		
K475	131 Wharf Road Melrose Park			K	Residential	47	42	42	37	35	49	0	39	42	37	0	38	39	43	50	41	49	48	41	0	0	0	0	40	41	30	43	29	30	43	52	46	37		
K476	133 Wharf Road Melrose Park			K	Residential	47	42	42	37	39	53	0	62	65	60	0	30	31	63	70	61	69	68	61	0	0	0	0	56	57	42	55	41	42	62	71	65	56		
K477	135 Wharf Road Melrose Park			K	Residential	47	42	42	37	57	71	0	64	67	62	0	27	28	65	72	63	71	70	63	0	0	0	0	58	59	58	71	57	58	64	73	67	58		
K478	137 Wharf Road Melrose Park			K	Residential	47	42	42	37	57	71	0	64	67	62	0	27	28	65	72	63	71	70	63	0	0	0	0	58	59	59	72	58	59	65	74	68	59		X
K479	139 Wharf Road Melrose Park			K	Residential	47	42	42	37	59	73	0	65	68	63	0	28	29	66	73	64	72	71	64	0	0	0	0	58	59	60	73	59	60	67	76	70	61		X
K480	141 Wharf Road Melrose Park			K	Residential	47	42	42	37	60	74	0	66	69	64	0	32	33	68	75	66	74	73	66	0	0	0	0	57	58	61	74	60	61	69	78	72	63		X
K481	143 Wharf Road Melrose Park			K	Residential	47	42	42	37	62	76	0	68	71	66	0	25	26	69	76	67	75	74	67	0	0	0	0	58	59	62	75	61	62	72	81	75	66	X	X
K482	145 Wharf Road Melrose Park			K	Residential	47	42	42	37	60	74	0	70	73	68	0	38	39	72	79	70	78	77	70	0	0	0	0	56	57	64	77	63	64	81	90	84	75	X	X
K483	147 Wharf Road Melrose Park			K	Residential	47	42	42	37	70	84	0	74	77	72	0	38	39	74	81	72	80	79	72	0	0	0	0	56	57	66	79	65	66	88	97	91	82	X	X
K484	149 Wharf Road Melrose Park			K	Residential	47	42	42	37	73	87	0	72	75	70	0	38	39	75	82	73	81	80	73	0	0	0	0	56	57	67	80	66	67	84	93	87	78	X	X
K485	15 Wharf Road Melrose Park			K	Residential	47	42	42	37	84	98	0	83	86	81	0	38	39	77	84	75	83	82	75	0	0	0	0	55	56	70	83	69	70	91	100	94	85		
K486	151 Wharf Road Melrose Park		whole	K	Residential	47	42	42	37	36	50	0	39	42	37	0	36	37	45	52	43	51	50	43	0	0	0	0	42	43	33	46	32	33	45	54	48	39	X	X
K487	153 Wharf Road Melrose Park		whole	K	Residential	47	42	42	37	83	97	0	98	101	96	0	38	39	80	87	78	86	85	78	0	0	0	0	54	55	74	87	73	74	92	101	95	86	X	X
K488	155 Wharf Road Melrose Park		whole	K	Residential	47	42	42	37	80	94	0	88	91	86	0	37	38	84	91	82	90	89	82	0	0	0	0	54	55	80	93	79	80	86	95	89	80	X	X
K489	157 Wharf Road Melrose Park		whole	K	Residential	47	42	42	37	78	92	0	88	91	86	0	37	38	85	92	83	91	90	83	0	0	0	0	54	55	84	97	83	84	87	96	90	81	X	X
K490	159 Wharf Road Melrose Park		whole	K	Residential	47	42	42	37	76	90	0	82	85	80	0	37	38	72	79	70	78	77	70	0	0	0	0	52	53	79	92	78	79	76	85	79	70	X	X
K491	161 Wharf Road Melrose Park		whole	K	Residential	47	42	42	37	78	92	0	83	86	81	0	37	38	81	88	79	87	86	79	0	0	0	0	53	54	87	100	86	87	110	119	113	104	X	X
K492	17 Wharf Road Melrose Park			K	Residential	47	42	42	37	79	93	0	106	109	104	0	37	38	103	110	101	109	108	101	0	0	0	0	53	54	84	97	83	84	89	98	92	83		
K493	19 Wharf Road Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	36	37	47	54	45	53	52	45	0	0	0	0	42	43	33	46	32	33	47	56	50	41		
K494	21 Wharf Road Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	37	38	47	54	45	53	52	45	0	0	0	0	42	43	34	47	33	34	47	56	50	41		
K495	23 Wharf Road Melrose Park			K	Residential	47	42	42	37	36	50	0	39	42	37	0	37	38	47	54	45	53	52	45	0	0	0	0	43	44	30	43	29	30	48	57	51	42		
K496	25 Wharf Road Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	38	39	48	55	46	54	53	46	0	0	0	0	43	44	31	44	30	31	48	57	51	42		
K497	27 Wharf Road Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	39	40	48	55	46	54	53	46	0	0	0	0	43	44	34	47	33	34	48	57	51	42		
K498	29 Wharf Road Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	48	55	46	54	53	46	0	0	0	0	43	44	29	42	28	29	48	57	51	42		
K499	3 Wharf Road Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	37	38	48	55	46	54	53	46	0	0	0	0	43	44	34	47	33	34	49	58	52	43		
K500	31 Wharf Road Melrose Park			K	Residential	47	42	42	37	28	42	0	37	40	35	0	16	17	41	48	39	47	46	39	0	0	0	0	34	35	32	45	31	32	41	50	44	35		
K501	33 Wharf Road Melrose Park			K	Residential	47	42	42	37	38	52	0	40	43	38	0	38	39	49	56	47	55	54	47	0	0	0	0	43	44	34	47	33	34	49	58	52	43		
K502	35 Wharf Road Melrose Park			K	Residential	47	42	42	37	38	52	0	40	43	38	0	38	39	49	56	47	55	54	47	0	0	0	0	44	45	34	47	33	34	49	58	52	43		
K503	37 Wharf Road Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	38	39	49	56	47	55	54	47	0	0	0	0	44	45	34	47	33	34	50	59	53	44		
K504	39 Wharf Road Melrose Park			K	Residential	47	42	42	37	38	52	0	41	44	39	0	38	39	49	56	47	55	54	47	0	0	0	0	44	45	31	44	30	31	50	59	53	44		
K505	41 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	38	39	49	56	47	55	54	47	0	0	0	0	44	45	35	48	34	35	51	60	54	45		
K506	41 Wharf Road Melrose Park			K	Residential	47	42	42	37	37	51	0	40	43	38	0	38	39	45	52	43	51	50	43	0	0	0	0	42	43	33	46	32	33	46	55	49	40		
K507	43 Wharf Road Melrose Park			K	Residential	47	42	42	37	41	55	0	41	44	39	0	39	40	49	56	47	55	54	47	0	0	0	0	44	45	35	48	34	35	51	60	54	45		
K508	45 Wharf Road Melrose Park			K	Residential	47	42	42	37	39	53	0	42	45	40	0	38	39	48	55	46	54	53	46	0	0	0	0	44	45	35	48	34	35	51	60	54	45		
K509	47 Wharf Road Melrose Park			K	Residential	47	42	42	37	39	53	0	43	46	41	0	39	40	48	55	46	54	53	46	0	0	0	0	44	45	29	42	28	29	52	61	55	46		
K510	49 Wharf Road Melrose Park			K	Residential	47	42	42	37	39	53	0	43	46	41	0	39	40	48	55	46	54	53	46	0	0	0	0	44	45	36	49	35	36	52	61	55	46		
K511	5 Wharf Road Melrose Park			K	Residential	47	42	42	37	39	53	0	42	45	40	0	39	40	47	54	45	53	52	45	0	0	0	0	44	45	32	45	31	32	50	59	53	44		
K512	51 Wharf Road Melrose Park			K	Residential	47	42	42	37	28	42	0	37	40	35	0	16	17	41	48	39	47	46	39	0	0	0	0	39	40	32	45	31	32	41	50	44	35		
K513	53 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	39	40	47	54	45	53	52	45	0	0	0	0	45	46	36	49	35	36	50	59	53	44		
K514	55 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	39	40	48	55	46	54	53	46	0	0	0	0	45	46	36	49	35	36	49	58	52	43		
K515	57 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	40	41	48	55	46	54	53	46	0	0	0	0	45	46	34	47	33	34	49	58	52	43		
K516	57 Wharf Road Melrose Park			K	Residential	47	42	42	37	39	53	0	39	42	37	0	38	39	42	49	40	48	47	40	0	0	0	0	40	41	25	38	24	25	41	50	44	35		
K517	59 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	39	40	47	54	45	53	52	45	0	0	0	0	45	46	27	40	26	27	48	57	51	42		
K518	61 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	42	45	40	0	39	40	49	56	47	55	54	47	0	0	0	0	46	47	36	49	35	36	50	59	53	44		
K519	63 Wharf Road Melrose Park			K	Residential	47	42	42	37	41	55	0	43	46	41	0	40	41	50	57	48	56	55	48	0	0	0	0	47	48	27	40	26	27	53	62	56	47		
K520	65 Wharf Road Melrose Park			K	Residential	47	42	42	37	41	55	0	43	46	41	0	40	41	50	57	48	56	55	48	0	0	0	0	47	48	32	45	31	32	53	62	56	47		
K521	67 Wharf Road Melrose Park			K	Residential	47	42	42	37	41	55	0	43	46	41	0	40	41	51	58	49	57	56	49	0	0	0	0	48	49	39	52	38	39	55	64	58	49		
K522	67 Wharf Road Melrose Park			K	Residential	47	42	42	37	41	55	0	43	46	41	0	40	41	52	59	50	58	57	50	0	0	0	0	48	49	39	52	38	39	55	64	58	49		
K523	7 Wharf Road Melrose Park			K	Residential	47	42	42	37	41	55	0	44	47	42	0	40	41	52	59	50	58	57	50	0	0	0	0	49	50	40	53	39	40	56	65	59	50		
K524	71 Wharf Road Melrose Park			K	Residential	47	42	42	37	28	42	0	37	40	35	0	17	18	41	48	39	47	46	39	0	0	0	0	39	40	32	45	31	32	41	50	44	35		
K525	73-77 Wharf Road Melrose Park			K	Residential	47	42	42	37	42	56	0	43	46	41	0	40	41	52	59	50	58	57	50	0	0	0	0	49	50	27	40	26	27	57	66	60	51		
K526	73-77 Wharf Road Melrose Park			K	Residential	47	42	42	37	45	59	0	45	48	43	0	41	42	57	64	55	63	62	55	0	0	0	0	51	52	41	54	40	41	62	71	65	56		
K527	79 Wharf Road Melrose Park			K	Residential	47	42	42	37	43	57	0	45	48	43	0	41	42	56	63	54	62	61	54	0	0	0	0	50	51	41	54	40	41	62	71	65	56		
K528	81 Wharf Road Melrose Park			K	Residential	47	42	42	37	43	57	0	46	49	44	0	40	41	56	63	54	62	61	54	0	0	0	0	50	51	41	54	40	41	63	72	66	57		
K529	87 Wharf Road Melrose Park			K	Residential	47	42	42	37	43	57	0	44	47	42	0	41	42	56	63	54	62	61	54	0	0	0	0	50	51	38	51	37	38	63	72	66	57		
K530	89 Wharf Road Melrose Park			K	Residential	47	42	42	37	46	60	0	46	49	44	0	33	34	57	64	55	63	62	55	0	0	0	0	51	52	40	53	39	40	63	72	66	57		
K531	9 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	48	51	46	0	30	31	53	60	51	59	58	51	0	0	0	0	37	38	43	56	42	43	62	71	65	56		
K532	91 Wharf Road Melrose Park			K	Residential	47	42	42	37	34	48	0	37	40	35	0	17	18	42	49	40	48	47	40	0	0	0	0	39	40	32	45	31	32	42	51	45	36		
K533	95 Wharf Road Melrose Park			K	Residential	47	42	42	37	41	55	0	48	51	46	0	38	39	54	61	52	60	59	52	0	0	0	0	39	40	44	57	43	44	53	62	56	47		
K534	97 Wharf Road Melrose Park			K	Residential	47	42	42	37	40	54	0	49	52	47	0	37	38	53	60	51	59	58	51	0	0	0	0	37	38	44	57	43	44	53	62	56	47		
K535	99 Wharf Road Melrose Park			K	Residential	47	42	42	37	36	50	0	49	52	47	0	38	39	53	60	51	59	58	51	0	0	0	0	38	39	40	53	39	40	53	62	56	47		
K536	83 Adelaide Street West Ryde			K	Residential	47	42	42	37	42	56	0	49	52	47	0	35	36	53	60	51	59	58	51	0	0	0	0	38	39	45	58	44	45	53	62	56	47		
K537	93 Adelaide Street West Ryde			K	Residential	47	42	42	37	28	42	0	36	39	34	0	28	29	37	44	35	43	42	35	0	0	0	0	29	30	35	48	34	35	35	44	38	29		
K538	93 Adelaide Street West Ryde			K	Residential	47	42	42	37	28	42	0	36	39	34	0	28	29	37	44	35	43	42	35	0	0	0	0	29	30	29	42	28	29	37	46	40	31		
K539	95 Adelaide Street West Ryde			K	Residential	47	42	42	37	28	42	0	31	34	29	0	27	28	36	43	34	42	41	34	0	0	0	0	33	34	24	37	23	24	37	46	40	31		
K540	1 Andrew Street West Ryde			K	Residential	47	42	42	37	33	47	0	40	43	38	0	30	31	39	46	37	45	44	37	0	0	0	0	36	37	37	50	36	37	38	47	41	32		
K541	1 Andrew Street West Ryde			K	Residential	47	42	42	37	35	49	0	43	46	41	0	31	32	42	49	40	48	47	40	0	0	0	0	37	38	38	51	37	38	41	50	44	35		
K542	11 Andrew Street West Ryde			K	Residential	47	42	42	37	36	50	0	43	46	41	0	32	33	42	49	40	48	47	40	0	0	0	0	37	38	38	51	37	38	41	50	44	35		
K543	13 Andrew Street West Ryde			K	Residential	47	42	42	37	36	50	0	43	46	41	0	29	30	42	49	40	48	47	40	0	0	0	0	38	39	39	52	38	39	41	50	44	35		
K544	13 Andrew Street West Ryde			K	Residential	47	42	42	37	37	51	0	43	46	41	0	30	31	42	49	40	48	47	40	0	0	0	0	38	39	39	52	38	39	41	50	44	35		
K545	13 Andrew Street West Ryde			K	Residential	47	42	42	37	37	51	0	43	46	41	0	29	30	41	48	39	47	46	39	0	0	0	0	38	39	39	52	38	39	41	50	44	35		
K546	13 Andrew Street West Ryde			K	Residential	47	42	42	37	33	47	0	41	44	39	0	30	31	41	48	39	47	46	39	0	0	0	0	34	35	37	50	36	37	40	49	43	34		
K547	3 Andrew Street West Ryde			K	Residential	47	42	42	37	33	47	0	41	44	39	0	30	31	40	47	38	46	45	38	0	0	0	0	34	35	37	50	36	37	39	48	42	33		
K548	5 Andrew Street West Ryde			K	Residential	47	42	42	37	37	51	0	44	47	42	0	30	31	43	50	41	49	48	41	0	0	0	0	37	38	39	52	38	39	42	51	45	36		
K549	9 Andrew Street West Ryde			K	Residential	47	42	42	37	35	49	0	43	46	41	0	29	30	43	50	41	49	48	41	0	0	0	0	37	38	38	51	37	38	42	51	45	36		
K550	34 Darwin Street West Ryde			K	Residential	47	42	42	37	36	50	0	43	46	41	0	31	32	42	49	40	48	47	40	0	0	0	0	38	39	39	52	38	39	42	51	45	36		
K551	35 Darwin Street West Ryde			K	Residential	47	42	42	37	30	44	0	34	37	32	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	22	35	21	22	39	48	42	33		
K552	38 Darwin Street West Ryde			K	Residential	47	42	42	37	31	45	0	38	41	36	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	34	47	33	34	40	49	43	34		
K553	10 Deakin Street West Ryde			K	Residential	47	42	42	37	32	46	0	38	41	36	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	35	48	34	35	40	49	43	34		
K554	12 Deakin Street West Ryde			K	Residential	47	42	42	37	32	46	0	40	43	38	0	31	32	39	46	37	45	44	37	0	0	0	0	37	38	33	46	32	33	42	51	45	36		
K555	14 Deakin Street West Ryde			K	Residential	47	42	42	37	34	48	0	41	44	39	0	29	30	40	47	38	46	45	38	0	0	0	0	36	37	38	51	37	38	42	51	45	36		
K556	16 Deakin Street West Ryde			K	Residential	47	42	42	37	34	48	0	41	44	39	0	32	33	40	47	38	46	45	38	0	0	0	0	36	37	38	51	37	38	42	51	45	36		
K557	17 Deakin Street West Ryde			K	Residential	47	42	42	37	34	48	0	41	44	39	0	30	31	40	47	38	46	45	38	0	0	0	0	36	37	37	50	36	37	43	52	46	37		
K558	18 Deakin Street West Ryde			K	Residential	47	42	42	37	33	47	0	39	42	37	0	29	30	39	46	37	45	44	37	0	0	0	0	35	36	34	47	33	34	42	51	45	36		
K559	19 Deakin Street West Ryde			K	Residential	47	42	42	37	34	48	0	41	44	39	0	30	31	40	47	38	46	45	38	0	0	0	0	35	36	37	50	36	37	43	52	46	37		
K560	21 Deakin Street West Ryde			K	Residential	47	42	42	37	33	47	0	40	43	38	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	37	50	36	37	42	51	45	36		
K561	23 Deakin Street West Ryde			K	Residential	47	42	42	37	33	47	0	40	43	38	0	30	31	39	46	37	45	44	37	0	0	0	0	36	37	37	50	36	37	42	51	45	36		
K562	4 Deakin Street West Ryde			K	Residential	47	42	42	37	33	47	0	41	44	39	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	37	50	36	37	40	49	43	34		
K563	6 Deakin Street West Ryde			K	Residential	47	42	42	37	31	45	0	39	42	37	0	29	30	39	46	37	45	44	37	0	0	0	0	36	37	35	48	34	35	41	50	44	35		
K564	8 Deakin Street West Ryde			K	Residential	47	42	42	37	30	44	0	38	41	36	0	29	30	38	45	36	44	43	36	0	0	0	0	34	35	35	48	34	35	38	47	41	32		
K565	1 Hibble Street West Ryde			K	Residential	47	42	42	37	30	44	0	39	42	37	0	29	30	38	45	36	44	43	36	0	0	0	0	35	36	35	48	34	35	38	47	41	32		
K566	10 Hibble Street West Ryde			K	Residential	47	42	42	37	32	46	0	39	42	37	0	27	28	39	46	37	45	44	37	0	0	0	0	34	35	36	49	35	36	38	47	41	32		
K567	11 Hibble Street West Ryde			K	Residential	47	42	42	37	33	47	0	40	43	38	0	29	30	39	46	37	45	44	37	0	0	0	0	36	37	37	50	36	37	40	49	43	34		
K568	12 Hibble Street West Ryde			K	Residential	47	42	42	37	35	49	0	42	45	40	0	23	24	40	47	38	46	45	38	0	0	0	0	37	38	38	51	37	38	39	48	42	33		
K569	13 Hibble Street West Ryde			K	Residential	47	42	42	37	34	48	0	41	44	39	0	29	30	40	47	38	46	45	38	0	0	0	0	34	35	37	50	36	37	40	49	43	34		
K570	13 Hibble Street West Ryde			K	Residential	47	42	42	37	35	49	0	42	45	40	0	29	30	40	47	38	46	45	38	0	0	0	0	37	38	38	51	37	38	41	50	44	35		
K571	14 Hibble Street West Ryde			K	Residential	47	42	42	37	32	46	0	37	40	35	0	29	30	39	46	37	45	44	37	0	0	0	0	37	38	25	38	24	25	42	51	45	36		
K572	15 Hibble Street West Ryde			K	Residential	47	42	42	37	36	50	0	42	45	40	0	31	32	41	48	39	47	46	39	0	0	0	0	37	38	38	51	37	38	40	49	43	34		
K573	16 Hibble Street West Ryde			K	Residential	47	42	42	37	36	50	0	43	46	41	0	30	31	41	48	39	47	46	39	0	0	0	0	38	39	39	52	38	39	42	51	45	36		
K574	18 Hibble Street West Ryde			K	Residential	47	42	42	37	36	50	0	42	45	40	0	32	33	41	48	39	47	46	39	0	0	0	0	37	38	38	51	37	38	40	49	43	34		
K575	2 Hibble Street West Ryde			K	Residential	47	42	42	37	33	47	0	41	44	39	0	23	24	40	47	38	46	45	38	0	0	0	0	34	35	37	50	36	37	39	48	42	33		
K576	20 Hibble Street West Ryde			K	Residential	47	42	42	37	31	45	0	40	43	38	0	30	31	39	46	37	45	44	37	0	0	0	0	36	37	35	48	34	35	38	47	41	32		
K577	20 Hibble Street West Ryde			K	Residential	47	42	42	37	29	43	0	39	42	37	0	27	28	38	45	36	44	43	36	0	0	0	0	32	33	35	48	34	35	36	45	39	30		
K578	22 Hibble Street West Ryde			K	Residential	47	42	42	37	36	50	0	43	46	41	0	28	29	41	48	39	47	46	39	0	0	0	0	38	39	39	52	38	39	40	49	43	34		
K579	24 Hibble Street West Ryde			K	Residential	47	42	42	37	36	50	0	43	46	41	0	30	31	41	48	39	47	46	39	0	0	0	0	38	39	39	52	38	39	40	49	43	34		
K580	3 Hibble Street West Ryde			K	Residential	47	42	42	37	36	50	0	43	46	41	0	32	33	41	48	39	47	46	39	0	0	0	0	38	39	39	52	38	39	41	50	44	35		
K581	4 Hibble Street West Ryde			K	Residential	47	42	42	37	31	45	0	39	42	37	0	23	24	39	46	37	45	44	37	0	0	0	0	35	36	35	48	34	35	38	47	41	32		
K582	5 Hibble Street West Ryde			K	Residential	47	42	42	37	33	47	0	40	43	38	0	31	32	40	47	38	46	45	38	0	0	0	0	36	37	37	50	36	37	39	48	42	33		
K583	6 Hibble Street West Ryde			K	Residential	47	42	42	37	31	45	0	40	43	38	0	29	30	39	46	37	45	44	37	0	0	0	0	35	36	35	48	34	35	41	50	44	35		
K584	7 Hibble Street West Ryde			K	Residential	47	42	42	37	33	47	0	40	43	38	0	28	29	39	46	37	45	44	37	0	0	0	0	36	37	37	50	36	37	38	47	41	32		
K585	8 Hibble Street West Ryde			K	Residential	47	42	42	37	33	47	0	40	43	38	0	29	30	40	47	38	46	45	38	0	0	0	0	37	38	37	50	36	37	41	50	44	35		
K586	9 Hibble Street West Ryde			K	Residential	47	42	42	37	34	48	0	41	44	39	0	30	31	40	47	38	46	45	38	0	0	0	0	36	37	37	50	36	37	39	48	42	33		
K587	30 Huxley Street West Ryde			K	Residential	47	42	42	37	35	49	0	42	45	40	0	29	30	40	47	38	46	45	38	0	0	0	0	37	38	38	51	37	38	39	48	42	33		
K588	31 Huxley Street West Ryde			K	Residential	47	42	42	37	32	46	0	39	42	37	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	36	49	35	36	43	52	46	37		
K589	32 Huxley Street West Ryde			K	Residential	47	42	42	37	32	46	0	39	42	37	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	35	48	34	35	43	52	46	37		
K590	33 Huxley Street West Ryde			K	Residential	47	42	42	37	32	46	0	39	42	37	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	36	49	35	36	43	52	46	37		
K591	34 Huxley Street West Ryde			K	Residential	47	42	42	37	32	46	0	39	42	37	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	35	48	34	35	43	52	46	37		
K592	1 Meadowbank Lane West Ryde			K	Residential	47	42	42	37	33	47	0	40	43	38	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	36	49	35	36	43	52	46	37		
K593	2 Meadowbank Lane West Ryde			K	Residential	47	42	42	37	35	49	0	42	45	40	0	33	34	41	48	39	47	46	39	0	0	0	0	38	39	38	51	37	38	42	51	45	36		
K594	3 Meadowbank Lane West Ryde			K	Residential	47	42	42	37	32	46	0	39	42	37	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	35	48	34	35	42	51	45	36		
L001	14 Hill Road Sydney Olympic Park			L	Residential	58	53	52	43	32	46	0	38	41	36	0	32	33	39	46	37	45	44	37	0	0	0	0	36	37	35	48	34	35	40	49	43	34		
L002	14 Hill Road Sydney Olympic Park			L	Residential	58	53	52	43	33	47	0	40	43	38	0	14	15	39	46	37	45	44	37	0	0	0	0	26	27	38	51	37	38	38	47	41	32		
L003	14 Hill Road Sydney Olympic Park			L	Residential	58	53	52	43	32	46	0	39	42	37	0	27	28	38	45	36	44	43	36	0	0	0	0	33	34	38	51	37	38	37	46	40	31		
L004	14 Hill Road Sydney Olympic Park			L	Residential	58	53	52	43	33	47	0	43	46	41	0	29	30	42	49	40	48	47	40	0	0	0	0	33	34	40	53	39	40	38	47	41	32		
L005	1 Burroway Road Sydney Olympic Park			L	Mixed use	58	53	52	43	37	51	0	45	48	43	0	29	30	44	51	42	50	49	42	0	0	0	0	35	36	43	56	42	43	42	51	45	36	X	
L006	1 Burroway Road Sydney Olympic Park			L	Mixed use	58	53	52	43	40	54	0	51	54	49	0	31	32	49	56	47	55	54	47	0	0	0	0	40	41	48	61	47	48	48	57	51	42	X	
L007	1 Burroway Road Sydney Olympic Park			L	Mixed use	58	53	52	43	41	55	0	53	56	51	0	32	33	51	58	49	57	56	49	0	0	0	0	42	43	50	63	49	50	50	59	53	44	X	
L008	16 Burroway Road Wentworth Point			L	Non-sensitive	121	0	0	0	26	40	0	54	57	52	0	28	29	59	66	57	65	64	57	0	0	0	0	54	55	31	44	30	31	64	73	67	58		
L009	16 Burroway Road Wentworth Point			L	Non-sensitive	121	0	0	0	22	36	0	24	27	22	0	11	12	53	60	51	59	58	51	0	0	0	0	27	28	19	32	18	19	55	64	58	49		
L010	7 Burroway Road Wentworth Point	Wentworth Point Public School		L	Educational institute	55	0	0	0	25	39	0	27	30	25	0	12	13	56	63	54	62	61	54	0	0	0	0	31	32	22	35	21	22	59	68	62	53		
L011	5 Footbridge Boulevard Wentworth Point			L	Mixed use	58	53	52	43	40	54	0	50	53	48	0	31	32	49	56	47	55	54	47	0	0	0	0	37	38	48	61	47	48	46	55	49	40		
L012	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	20	34	0	33	36	31	0	28	29	36	43	34	42	41	34	0	0	0	0	31	32	26	39	25	26	42	51	45	36	X	
L013	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	48	62	0	73	76	71	0	37	38	83	90	81	89	88	81	0	0	0	0	48	49	84	97	83	84	82	91	85	76	X	X
L014	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	45	59	0	81	84	79	0	38	39	69	76	67	75	74	67	0	0	0	0	29	30	69	82	68	69	68	77	71	62	X	X
L015	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	45	59	0	85	88	83	0	40	41	87	94	85	93	92	85	0	0	0	0	44	45	65	78	64	65	91	100	94	85	X	X
L016	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	44	58	0	69	72	67	0	40	41	85	92	83	91	90	83	0	0	0	0	45	46	60	73	59	60	87	96	90	81	X	X
L017	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	29	43	0	58	61	56	0	30	31	72	79	70	78	77	70	0	0	0	0	54	55	39	52	38	39	84	93	87	78	X	X
L018	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	40	54	0	70	73	68	0	29	30	72	79	70	78	77	70	0	0	0	0	34	35	60	73	59	60	72	81	75	66	X	X
L019	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	39	53	0	68	71	66	0	26	27	62	69	60	68	67	60	0	0	0	0	32	33	37	50	36	37	63	72	66	57	X	X
L020	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	28	42	0	38	41	36	0	30	31	72	79	70	78	77	70	0	0	0	0	57	58	32	45	31	32	75	84	78	69	X	
L021	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	28	42	0	40	43	38	0	29	30	64	71	62	70	69	62	0	0	0	0	39	40	32	45	31	32	64	73	67	58	X	
L022	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	27	41	0	59	62	57	0	28	29	60	67	58	66	65	58	0	0	0	0	36	37	34	47	33	34	60	69	63	54	X	X
L023	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	31	45	0	42	45	40	0	33	34	66	73	64	72	71	64	0	0	0	0	37	38	40	53	39	40	66	75	69	60	X	
L024	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	26	40	0	59	62	57	0	14	15	60	67	58	66	65	58	0	0	0	0	31	32	29	42	28	29	59	68	62	53	X	X
L025	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	26	40	0	38	41	36	0	28	29	64	71	62	70	69	62	0	0	0	0	58	59	30	43	29	30	74	83	77	68	X	X
L026	14-16 Hill Road Wentworth Point			L	Residential	58	53	52	43	28	42	0	41	44	39	0	29	30	70	77	68	76	75	68	0	0	0	0	61	62	33	46	32	33	76	85	79	70	X	X
L027	51 Hill Road Wentworth Point			L	Residential	58	53	52	43	29	43	0	41	44	39	0	30	31	75	82	73	81	80	73	0	0	0	0	61	62	33	46	32	33	76	85	79	70	X	X
L028	57 Hill Road Wentworth Point			L	Residential	58	53	52	43	27	41	0	32	35	30	0	26	27	70	77	68	76	75	68	0	0	0	0	46	47	26	39	25	26	84	93	87	78	X	X
L029	7 Waterways Street Wentworth Point			L	Residential	58	53	52	43	17	31	0	35	38	33	0	18	19	65	72	63	71	70	63	0	0	0	0	49	50	26	39	25	26	81	90	84	75	X	X
L030	11 Wentworth Place Wentworth Point			L	Mixed use	58	53	52	43	34	48	0	43	46	41	0	32	33	72	79	70	78	77	70	0	0	0	0	64	65	39	52	38	39	91	100	94	85		
L031	11 Wentworth Place Wentworth Point			L	Mixed use	58	53	52	43	26	40	0	28	31	26	0	25	26	58	65	56	64	63	56	0	0	0	0	34	35	23	36	22	23	63	72	66	57		X
L032	11 Wentworth Place Wentworth Point			L	Mixed use	58	53	52	43	26	40	0	33	36	31	0	16	17	60	67	58	66	65	58	0	0	0	0	34	35	28	41	27	28	68	77	71	62		
M001	1 Amalfi Drive Wentworth Point			M	Residential	63	58	56	41	26	40	0	44	47	42	0	30	31	41	48	39	47	46	39	0	0	0	0	32	33	40	53	39	40	34	43	37	28		
M002	3 Amalfi Drive Wentworth Point			M	Residential	63	58	56	41	22	36	0	39	42	37	0	25	26	42	49	40	48	47	40	0	0	0	0	33	34	40	53	39	40	39	48	42	33		
M003	37 Amalfi Drive Wentworth Point			M	Residential	63	58	56	41	27	41	0	39	42	37	0	29	30	39	46	37	45	44	37	0	0	0	0	28	29	37	50	36	37	37	46	40	31	X	X
M004	45 Amalfi Drive Wentworth Point			M	Residential	63	58	56	41	46	60	0	75	78	73	0	47	48	78	85	76	84	83	76	0	0	0	0	76	77	51	64	50	51	89	98	92	83	X	X
M005	46 Amalfi Drive Wentworth Point			M	Residential	63	58	56	41	23	37	0	37	40	35	0	23	24	69	76	67	75	74	67	0	0	0	0	34	35	23	36	22	23	40	49	43	34		
M006	48 Amalfi Drive Wentworth Point			M	Residential	63	58	56	41	24	38	0	40	43	38	0	23	24	64	71	62	70	69	62	0	0	0	0	37	38	28	41	27	28	51	60	54	45		
M007	16 Baywater Drive Wentworth Point			M	Residential	63	58	56	41	23	37	0	35	38	33	0	29	30	64	71	62	70	69	62	0	0	0	0	33	34	24	37	23	24	37	46	40	31		
M008	3 Baywater Drive Wentworth Point			M	Residential	63	58	56	41	19	33	0	32	35	30	0	23	24	57	64	55	63	62	55	0	0	0	0	29	30	23	36	22	23	39	48	42	33		X
M009	36 Baywater Drive Wentworth Point			M	Residential	63	58	56	41	37	51	0	58	61	56	0	39	40	79	86	77	85	84	77	0	0	0	0	54	55	41	54	40	41	59	68	62	53		
M010	5 Baywater Drive Wentworth Point			M	Residential	63	58	56	41	22	36	0	33	36	31	0	28	29	53	60	51	59	58	51	0	0	0	0	28	29	26	39	25	26	29	38	32	23		X
M011	6 Baywater Drive Wentworth Point			M	Residential	63	58	56	41	27	41	0	35	38	33	0	30	31	74	81	72	80	79	72	0	0	0	0	35	36	30	43	29	30	46	55	49	40		X
M012	6-8 Baywater Drive Wentworth Point			M	Commercial	70	0	0	0	32	46	0	61	64	59	0	31	32	77	84	75	83	82	75	0	0	0	0	58	59	37	50	36	37	63	72	66	57		
M013	8 Baywater Drive Wentworth Point			M	Residential	63	58	56	41	21	35	0	28	31	26	0	23	24	56	63	54	62	61	54	0	0	0	0	27	28	23	36	22	23	30	39	33	24		
M014	9 Baywater Drive Wentworth Point			M	Residential	63	58	56	41	24	38	0	37	40	35	0	31	32	64	71	62	70	69	62	0	0	0	0	35	36	24	37	23	24	37	46	40	31		
M015	9 Baywater Drive Wentworth Point			M	Residential	63	58	56	41	18	32	0	32	35	30	0	18	19	60	67	58	66	65	58	0	0	0	0	29	30	24	37	23	24	33	42	36	27		
M016	1 Bennelong Parkway Wentworth Point			M	Residential	63	58	56	41	16	30	0	32	35	30	0	19	20	62	69	60	68	67	60	0	0	0	0	30	31	23	36	22	23	32	41	35	26	X	X
M017	11 Bennelong Parkway Wentworth Point			M	Residential	63	58	56	41	49	63	0	74	77	72	0	50	51	77	84	75	83	82	75	0	0	0	0	74	75	53	66	52	53	86	95	89	80	X	X
M018	25 Bennelong Parkway Wentworth Point			M	Residential	63	58	56	41	34	48	0	42	45	40	0	28	29	62	69	60	68	67	60	0	0	0	0	38	39	40	53	39	40	70	79	73	64		
M019	27 Bennelong Parkway Wentworth Point	Homebush Bay Apartments		M	Hotel	70	0	0	0	46	60	0	52	55	50	0	47	48	53	60	51	59	58	51	0	0	0	0	40	41	50	63	49	50	53	62	56	47		
M020	29 Bennelong Parkway Wentworth Point	Homebush Bay Apartments		M	Hotel	70	0	0	0	42	56	0	50	53	48	0	45	46	50	57	48	56	55	48	0	0	0	0	36	37	46	59	45	46	49	58	52	43		
M021	5 Bennelong Parkway Wentworth Point			M	Residential	63	58	56	41	41	55	0	49	52	47	0	41	42	48	55	46	54	53	46	0	0	0	0	36	37	45	58	44	45	47	56	50	41	X	X
M022	5 Bennelong Parkway Wentworth Point			M	Residential	63	58	56	41	41	55	0	57	60	55	0	34	35	66	73	64	72	71	64	0	0	0	0	37	38	47	60	46	47	79	88	82	73	X	X
M023	15 Corniche Drive Wentworth Point			M	Residential	63	58	56	41	51	65	0	70	73	68	0	49	50	72	79	70	78	77	70	0	0	0	0	64	65	55	68	54	55	77	86	80	71		
M024	18 Corniche Drive Wentworth Point			M	Residential	63	58	56	41	20	34	0	37	40	35	0	21	22	59	66	57	65	64	57	0	0	0	0	34	35	24	37	23	24	39	48	42	33		
M025	3 Footbridge Boulevard Wentworth Point			M	Mixed use	63	58	56	41	24	38	0	36	39	34	0	30	31	58	65	56	64	63	56	0	0	0	0	33	34	33	46	32	33	35	44	38	29		
M026	3 Footbridge Boulevard Wentworth Point			M	Mixed use	63	58	56	41	24	38	0	32	35	30	0	26	27	54	61	52	60	59	52	0	0	0	0	52	53	24	37	23	24	52	61	55	46		
M027	3 Footbridge Boulevard Wentworth Point			M	Mixed use	63	58	56	41	21	35	0	24	27	22	0	17	18	52	59	50	58	57	50	0	0	0	0	50	51	24	37	23	24	50	59	53	44		
M028	3 Footbridge Boulevard Wentworth Point			M	Mixed use	63	58	56	41	23	37	0	30	33	28	0	29	30	53	60	51	59	58	51	0	0	0	0	27	28	24	37	23	24	55	64	58	49		
M029	8 Footbridge Boulevard Wentworth Point			M	Mixed use	63	58	56	41	30	44	0	38	41	36	0	32	33	56	63	54	62	61	54	0	0	0	0	47	48	36	49	35	36	60	69	63	54		
M030	1 Half Street Wentworth Point			M	Residential	63	58	56	41	24	38	0	31	34	29	0	29	30	58	65	56	64	63	56	0	0	0	0	32	33	21	34	20	21	64	73	67	58		X
M031	12 Half Street Wentworth Point			M	Residential	63	58	56	41	26	40	0	28	31	26	0	17	18	68	75	66	74	73	66	0	0	0	0	66	67	24	37	23	24	71	80	74	65		
M032	12 Half Street Wentworth Point			M	Residential	63	58	56	41	21	35	0	31	34	29	0	22	23	53	60	51	59	58	51	0	0	0	0	28	29	28	41	27	28	53	62	56	47		
M033	21 Hill Road Wentworth Point			M	Residential	63	58	56	41	23	37	0	30	33	28	0	28	29	51	58	49	57	56	49	0	0	0	0	49	50	23	36	22	23	50	59	53	44	X	X
M034	27 Hill Road Wentworth Point			M	Residential	63	58	56	41	41	55	0	71	74	69	0	40	41	78	85	76	84	83	76	0	0	0	0	69	70	45	58	44	45	89	98	92	83	X	X
M035	33 Hill Road Wentworth Point			M	Residential	63	58	56	41	40	54	0	65	68	63	0	44	45	79	86	77	85	84	77	0	0	0	0	62	63	45	58	44	45	72	81	75	66		X
M036	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	36	50	0	55	58	53	0	38	39	78	85	76	84	83	76	0	0	0	0	52	53	40	53	39	40	58	67	61	52		
M037	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	23	37	0	30	33	28	0	29	30	55	62	53	61	60	53	0	0	0	0	32	33	19	32	18	19	56	65	59	50		
M038	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	20	34	0	31	34	29	0	24	25	56	63	54	62	61	54	0	0	0	0	31	32	28	41	27	28	36	45	39	30		
M039	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	22	36	0	30	33	28	0	27	28	52	59	50	58	57	50	0	0	0	0	28	29	25	38	24	25	52	61	55	46		
M040	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	23	37	0	26	29	24	0	17	18	62	69	60	68	67	60	0	0	0	0	32	33	20	33	19	20	39	48	42	33	X	X
M041	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	33	47	0	51	54	49	0	34	35	82	89	80	88	87	80	0	0	0	0	59	60	37	50	36	37	68	77	71	62		
M042	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	23	37	0	35	38	33	0	31	32	52	59	50	58	57	50	0	0	0	0	30	31	30	43	29	30	33	42	36	27	X	X
M043	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	32	46	0	47	50	45	0	33	34	82	89	80	88	87	80	0	0	0	0	64	65	36	49	35	36	109	118	112	103		
M044	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	24	38	0	30	33	28	0	29	30	62	69	60	68	67	60	0	0	0	0	36	37	22	35	21	22	66	75	69	60		
M045	37-39 Hill Road Wentworth Point			M	Residential	63	58	56	41	32	46	0	39	42	37	0	33	34	55	62	53	61	60	53	0	0	0	0	33	34	36	49	35	36	37	46	40	31		
M046	47 Hill Road Wentworth Point			M	Residential	63	58	56	41	23	37	0	32	35	30	0	26	27	54	61	52	60	59	52	0	0	0	0	29	30	30	43	29	30	31	40	34	25	X	X
M047	16 Marine Parade Wentworth Point			M	Residential	63	58	56	41	30	44	0	47	50	45	0	33	34	79	86	77	85	84	77	0	0	0	0	75	76	34	47	33	34	92	101	95	86		
M048	17 Marine Parade Wentworth Point			M	Residential	63	58	56	41	17	31	0	29	32	27	0	17	18	54	61	52	60	59	52	0	0	0	0	26	27	23	36	22	23	29	38	32	23		
M049	17 Monza Boulevard Wentworth Point			M	Residential	63	58	56	41	17	31	0	30	33	28	0	22	23	55	62	53	61	60	53	0	0	0	0	27	28	23	36	22	23	31	40	34	25		
M050	12 Nuvolari Place Wentworth Point			M	Residential	63	58	56	41	16	30	0	30	33	28	0	18	19	59	66	57	65	64	57	0	0	0	0	28	29	22	35	21	22	30	39	33	24		
M051	13 Savona Drive Wentworth Point			M	Residential	63	58	56	41	25	39	0	28	31	26	0	22	23	60	67	58	66	65	58	0	0	0	0	29	30	21	34	20	21	33	42	36	27		
M052	46 Savona Drive Wentworth Point			M	Residential	63	58	56	41	16	30	0	31	34	29	0	21	22	66	73	64	72	71	64	0	0	0	0	29	30	20	33	19	20	34	43	37	28	X	X
M053	46 Savona Drive Wentworth Point			M	Residential	63	58	56	41	28	42	0	42	45	40	0	32	33	78	85	76	84	83	76	0	0	0	0	75	76	31	44	30	31	91	100	94	85		X
M054	46 Savona Drive Wentworth Point			M	Residential	63	58	56	41	29	43	0	39	42	37	0	22	23	70	77	68	76	75	68	0	0	0	0	68	69	33	46	32	33	73	82	76	67		
M055	46 Savona Drive Wentworth Point			M	Residential	63	58	56	41	30	44	0	37	40	35	0	30	31	62	69	60	68	67	60	0	0	0	0	60	61	35	48	34	35	62	71	65	56		
M056	46 Savona Drive Wentworth Point			M	Residential	63	58	56	41	22	36	0	29	32	27	0	23	24	59	66	57	65	64	57	0	0	0	0	32	33	27	40	26	27	61	70	64	55		
M057	3 Stromboli Strait Wentworth Point			M	Residential	63	58	56	41	23	37	0	26	29	24	0	26	27	63	70	61	69	68	61	0	0	0	0	36	37	20	33	19	20	66	75	69	60		
M058	3 Stromboli Strait Wentworth Point			M	Residential	63	58	56	41	20	34	0	38	41	36	0	24	25	64	71	62	70	69	62	0	0	0	0	36	37	24	37	23	24	42	51	45	36		
M059	4 Stromboli Strait Wentworth Point			M	Residential	63	58	56	41	19	33	0	36	39	34	0	24	25	61	68	59	67	66	59	0	0	0	0	34	35	24	37	23	24	40	49	43	34		
M060	5 Stromboli Strait Wentworth Point			M	Residential	63	58	56	41	24	38	0	49	52	47	0	28	29	64	71	62	70	69	62	0	0	0	0	48	49	28	41	27	28	67	76	70	61		
M061	5 Stromboli Strait Wentworth Point			M	Residential	63	58	56	41	20	34	0	35	38	33	0	27	28	57	64	55	63	62	55	0	0	0	0	32	33	23	36	22	23	35	44	38	29		
M062	7 Stromboli Strait Wentworth Point			M	Residential	63	58	56	41	21	35	0	34	37	32	0	22	23	55	62	53	61	60	53	0	0	0	0	31	32	23	36	22	23	34	43	37	28		
M063	7 Stromboli Strait Wentworth Point			M	Residential	63	58	56	41	20	34	0	49	52	47	0	23	24	48	55	46	54	53	46	0	0	0	0	46	47	27	40	26	27	47	56	50	41		
M064	7 Stromboli Strait Wentworth Point			M	Residential	63	58	56	41	29	43	0	53	56	51	0	33	34	52	59	50	58	57	50	0	0	0	0	51	52	34	47	33	34	52	61	55	46		
M065	3 The Crescent Wentworth Point			M	Residential	63	58	56	41	29	43	0	43	46	41	0	34	35	54	61	52	60	59	52	0	0	0	0	39	40	37	50	36	37	47	56	50	41		
M066	4 The Crescent Wentworth Point			M	Residential	63	58	56	41	21	35	0	33	36	31	0	29	30	52	59	50	58	57	50	0	0	0	0	30	31	25	38	24	25	52	61	55	46		
M067	4 The Crescent Wentworth Point			M	Residential	63	58	56	41	21	35	0	54	57	52	0	28	29	53	60	51	59	58	51	0	0	0	0	51	52	23	36	22	23	53	62	56	47		
M068	4 The Crescent Wentworth Point			M	Residential	63	58	56	41	22	36	0	54	57	52	0	30	31	53	60	51	59	58	51	0	0	0	0	45	46	35	48	34	35	53	62	56	47		
M069	1 The Piazza Wentworth Point			M	Residential	63	58	56	41	18	32	0	32	35	30	0	30	31	38	45	36	44	43	36	0	0	0	0	27	28	22	35	21	22	37	46	40	31		
M070	2 The Piazza Wentworth Point			M	Residential	63	58	56	41	49	63	0	55	58	53	0	49	50	57	64	55	63	62	55	0	0	0	0	41	42	53	66	52	53	57	66	60	51		
M071	3 The Piazza Wentworth Point			M	Residential	63	58	56	41	47	61	0	53	56	51	0	48	49	55	62	53	61	60	53	0	0	0	0	39	40	51	64	50	51	55	64	58	49		
M072	3 The Piazza Wentworth Point			M	Residential	63	58	56	41	22	36	0	58	61	56	0	27	28	57	64	55	63	62	55	0	0	0	0	55	56	26	39	25	26	57	66	60	51		
M073	4 The Piazza Wentworth Point			M	Residential	63	58	56	41	25	39	0	59	62	57	0	28	29	59	66	57	65	64	57	0	0	0	0	57	58	30	43	29	30	60	69	63	54		
M074	45 The Promenade Wentworth Point			M	Residential	63	58	56	41	24	38	0	47	50	45	0	27	28	46	53	44	52	51	44	0	0	0	0	45	46	30	43	29	30	46	55	49	40		
M075	13 Verona Drive Wentworth Point			M	Residential	63	58	56	41	16	30	0	33	36	31	0	18	19	34	41	32	40	39	32	0	0	0	0	28	29	20	33	19	20	33	42	36	27		
M076	13 Verona Drive Wentworth Point			M	Residential	63	58	56	41	14	28	0	31	34	29	0	20	21	57	64	55	63	62	55	0	0	0	0	31	32	28	41	27	28	57	66	60	51		
M077	2 Waterways Street Wentworth Point			M	Mixed use	63	58	56	41	21	35	0	27	30	25	0	26	27	55	62	53	61	60	53	0	0	0	0	31	32	19	32	18	19	55	64	58	49		X
N001	1 Jamieson Street Sydney Olympic Park	Armory Gallery		N	Commercial	70	0	0	0	24	38	0	31	34	29	0	30	31	62	69	60	68	67	60	0	0	0	0	36	37	23	36	22	23	72	81	75	66		
N002	1 Jamieson Street Sydney Olympic Park			N	Industrial	75	0	0	0	34	48	12	43	46	41	8	36	37	44	51	42	50	49	42	0	0	0	0	35	36	39	52	38	39	43	52	46	37		
N003	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Commercial	70	0	0	0	44	58	14	57	60	55	10	47	48	59	66	57	65	64	57	0	0	0	0	55	56	50	63	49	50	63	72	66	57		
N004	1 Jamieson Street Sydney Olympic Park	Judo NSW Training Centre		N	Commercial	70	0	0	0	33	47	18	44	47	42	11	36	37	43	50	41	49	48	41	11	7	16	7	41	42	39	52	38	39	42	51	45	36		
N005	1 Jamieson Street Sydney Olympic Park	Sydney Disc Golf Club		N	Commercial	70	0	0	0	33	47	14	41	44	39	10	34	35	42	49	40	48	47	40	9	5	14	5	36	37	38	51	37	38	41	50	44	35		
N006	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	35	49	26	42	45	40	22	38	39	42	49	40	48	47	40	21	17	26	17	38	39	39	52	38	39	41	50	44	35		
N007	1 Jamieson Street Sydney Olympic Park	Birdlife Australia Discovery Centre		N	Commercial	70	0	0	0	33	47	12	40	43	38	7	35	36	39	46	37	45	44	37	5	1	10	1	35	36	37	50	36	37	38	47	41	32		
N008	1 Jamieson Street Sydney Olympic Park	Armory Building 20		N	Commercial	70	0	0	0	36	50	13	44	47	42	7	41	42	43	50	41	49	48	41	0	0	0	0	40	41	40	53	39	40	43	52	46	37		
N009	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	33	47	26	40	43	38	22	35	36	40	47	38	46	45	38	21	17	26	17	36	37	37	50	36	37	38	47	41	32		
N010	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	33	47	27	44	47	42	23	37	38	44	51	42	50	49	42	22	18	27	18	41	42	39	52	38	39	43	52	46	37		
N011	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	28	42	28	39	42	37	24	35	36	38	45	36	44	43	36	23	18	27	18	36	37	36	49	35	36	39	48	42	33		
N012	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	30	44	17	38	41	36	11	34	35	38	45	36	44	43	36	11	7	16	7	35	36	34	47	33	34	38	47	41	32		
N013	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	33	47	15	40	43	38	11	36	37	39	46	37	45	44	37	9	5	14	5	35	36	37	50	36	37	39	48	42	33		
N014	1 Jamieson Street Sydney Olympic Park	Armory Theatre		N	Commercial	70	0	0	0	34	48	14	41	44	39	8	36	37	40	47	38	46	45	38	8	4	13	4	35	36	38	51	37	38	39	48	42	33		
N015	1 Jamieson Street Sydney Olympic Park			N	Commercial	70	0	0	0	35	49	26	42	45	40	21	37	38	41	48	39	47	46	39	21	17	26	17	37	38	39	52	38	39	40	49	43	34		
N016	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	32	46	15	41	44	39	11	35	36	41	48	39	47	46	39	11	7	16	7	35	36	38	51	37	38	40	49	43	34		
N017	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	30	44	17	38	41	36	11	33	34	38	45	36	44	43	36	10	6	15	6	35	36	34	47	33	34	38	47	41	32		
N018	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	28	42	15	38	41	36	10	29	30	38	45	36	44	43	36	9	5	14	5	35	36	33	46	32	33	38	47	41	32		
N019	1 Jamieson Street Sydney Olympic Park			N	Commercial	70	0	0	0	31	45	19	42	45	40	10	35	36	41	48	39	47	46	39	11	7	16	7	40	41	38	51	37	38	41	50	44	35		
N020	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	33	47	23	42	45	40	19	34	35	41	48	39	47	46	39	13	9	18	9	37	38	39	52	38	39	40	49	43	34		
N021	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	25	39	28	38	41	36	23	22	23	38	45	36	44	43	36	22	18	27	18	36	37	33	46	32	33	38	47	41	32		
N022	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	31	45	16	39	42	37	10	34	35	39	46	37	45	44	37	9	5	14	5	36	37	35	48	34	35	39	48	42	33		
N023	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	25	39	16	38	41	36	10	30	31	38	45	36	44	43	36	9	5	14	5	36	37	33	46	32	33	38	47	41	32		
N024	1 Jamieson Street Sydney Olympic Park	Sydney Olympic Park Lodge		N	Hotel	70	0	0	0	33	47	27	42	45	40	23	35	36	41	48	39	47	46	39	22	18	27	18	39	40	38	51	37	38	42	51	45	36		
O001		Sydney Olympic Park Archery Centre		O	Commercial	70	0	0	0	23	37	29	38	41	36	25	27	28	38	45	36	44	43	36	23	19	28	19	35	36	33	46	32	33	38	47	41	32		
O002				O	Commercial	70	0	0	0	46	60	0	56	59	54	0	51	52	53	60	51	59	58	51	0	0	0	0	40	41	50	63	49	50	52	61	55	46		
O003				O	Industrial	75	0	0	0	18	32	0	38	41	36	0	30	31	39	46	37	45	44	37	0	0	0	0	23	24	26	39	25	26	38	47	41	32		
O004				O	Non-sensitive	121	0	0	0	52	66	0	58	61	56	0	52	53	58	65	56	64	63	56	0	0	0	0	39	40	56	69	55	56	61	70	64	55		
O005				O	Industrial	75	0	0	0	19	33	0	25	28	23	0	21	22	32	39	30	38	37	30	0	0	0	0	23	24	23	36	22	23	25	34	28	19		
O006				O	Industrial	75	0	0	0	44	58	0	56	59	54	0	50	51	56	63	54	62	61	54	0	0	0	0	39	40	48	61	47	48	59	68	62	53		
O007				O	Industrial	75	0	0	0	17	31	0	32	35	30	0	13	14	44	51	42	50	49	42	0	0	0	0	27	28	26	39	25	26	46	55	49	40		
O008				O	Commercial	70	0	0	0	38	52	0	47	50	45	0	38	39	49	56	47	55	54	47	0	0	0	0	40	41	45	58	44	45	49	58	52	43		
O009				O	Industrial	75	0	0	0	18	32	0	38	41	36	0	22	23	38	45	36	44	43	36	0	0	0	0	23	24	27	40	26	27	37	46	40	31		
O010				O	Industrial	75	0	0	0	16	30	0	34	37	32	0	15	16	49	56	47	55	54	47	0	0	0	0	30	31	32	45	31	32	48	57	51	42		
OA01		Elizabeth Farm		A	Passive recreation	60	0	0	0	4	18	0	30	33	28	0	13	14	47	54	45	53	52	45	0	0	0	0	25	26	15	28	14	15	47	56	50	41		
OA02		Rosehill Bowling Club Lawn		A	Active recreation	65	0	0	0	22	36	37	30	33	28	31	25	26	33	40	31	39	38	31	36	32	41	32	40	41	22	35	21	22	43	52	46	37		
OA03		Rosehill Racecourse Stables		B	Passive recreation	60	0	0	0	25	39	39	32	35	30	33	28	29	36	43	34	42	41	34	40	36	45	36	47	48	24	37	23	24	55	64	58	49		
OA04		Rosehill Racecourse		B	Active recreation	65	0	0	0	26	40	42	33	36	31	35	29	30	38	45	36	44	43	36	43	39	48	39	28	29	24	37	23	24	40	49	43	34		
OA05		Rosehill Racecourse		B	Active recreation	65	0	0	0	31	45	47	38	41	36	39	33	34	47	54	45	53	52	45	50	46	55	46	38	39	26	39	25	26	53	62	56	47		
OA06		Reid Park		E	Passive recreation	60	0	0	0	36	50	59	43	46	41	44	39	40	58	65	56	64	63	56	64	60	69	60	37	38	30	43	29	30	58	67	61	52		
OA07		Rydalmere Public School Playground		E	Active recreation	65	0	0	0	62	76	49	81	84	79	45	62	63	65	72	63	71	70	63	40	36	45	36	59	60	65	78	64	65	72	81	75	66		
OA08		Eric Primrose Reserve		E	Passive recreation	60	0	0	0	67	81	44	62	65	60	41	54	55	69	76	67	75	74	67	36	32	41	32	65	66	53	66	52	53	80	89	83	74		
OA09		Eric Primrose Reserve		F	Passive recreation	60	0	0	0	62	76	43	80	83	78	42	62	63	75	82	73	81	80	73	36	32	41	32	61	62	81	94	80	81	69	78	72	63		
OA10		Eric Primrose Reserve Park / Fields		F	Active recreation	65	0	0	0	39	53	44	56	59	54	38	40	41	51	58	49	57	56	49	33	29	38	29	40	41	46	59	45	46	54	63	57	48		
OA11		Broadoaks Park		F	Passive recreation	60	0	0	0	43	57	39	53	56	51	35	36	37	50	57	48	56	55	48	31	27	36	27	45	46	48	61	47	48	49	58	52	43		
OA12		Bretby Park		F	Passive recreation	60	0	0	0	67	81	36	79	82	77	35	38	39	69	76	67	75	74	67	31	27	36	27	51	52	70	83	69	70	76	85	79	70		
OA13		Halvorsen Park		H	Passive recreation	60	0	0	0	46	60	38	55	58	53	34	38	39	62	69	60	68	67	60	32	28	37	28	54	55	60	73	59	60	62	71	65	56		
OA14		Ken Newman Park		H	Passive recreation	60	0	0	0	40	54	33	50	53	48	29	29	30	48	55	46	54	53	46	27	23	32	23	39	40	45	58	44	45	45	54	48	39		
OA15		Ken Newman Park		H	Passive recreation	60	0	0	0	58	72	28	78	81	76	18	29	30	80	87	78	86	85	78	25	21	30	21	37	38	76	89	75	76	67	76	70	61		
OA16		Rydalmere East Public School playground		I	Active recreation	65	0	0	0	58	72	25	97	100	95	14	34	35	80	87	78	86	85	78	22	18	27	18	35	36	77	90	76	77	68	77	71	62		
OA17		Greg McKay Pavilion		I	Passive recreation	60	0	0	0	58	72	33	63	66	61	28	24	25	66	73	64	72	71	64	28	24	33	24	45	46	46	59	45	46	66	75	69	60		
OA18		George Kendall Riverside Park		I	Active recreation	65	0	0	0	38	52	30	50	53	48	26	27	28	52	59	50	58	57	50	24	20	29	20	42	43	45	58	44	45	50	59	53	44		
OA19		George Kendall Riverside Park		I	Active recreation	65	0	0	0	40	54	29	44	47	42	25	26	27	49	56	47	55	54	47	23	19	28	19	40	41	35	48	34	35	49	58	52	43		
OA20		Bruce Miller Reserve		I	Passive recreation	60	0	0	0	49	63	28	46	49	44	24	27	28	53	60	51	59	58	51	22	18	27	18	44	45	36	49	35	36	53	62	56	47		
OA21		George Kendall Riverside Park		I	Passive recreation	60	0	0	0	42	56	27	50	53	48	20	46	47	50	57	48	56	55	48	21	17	26	17	45	46	33	46	32	33	48	57	51	42		
OA22		Hughes Avenue Reserve		J	Passive recreation	60	0	0	0	43	57	26	50	53	48	21	29	30	51	58	49	57	56	49	0	0	0	0	46	47	44	57	43	44	52	61	55	46		
OA23		Melrose Park Public School playground		J	Active recreation	65	0	0	0	61	75	21	54	57	52	13	49	50	66	73	64	72	71	64	0	0	0	0	54	55	37	50	36	37	68	77	71	62		
OA24		Ermington Bay Nature Trail		J	Passive recreation	60	0	0	0	40	54	0	54	57	52	0	42	43	75	82	73	81	80	73	0	0	0	0	61	62	39	52	38	39	77	86	80	71		
OA25		Archer Park		J	Passive recreation	60	0	0	0	45	59	0	85	88	83	0	37	38	76	83	74	82	81	74	0	0	0	0	66	67	49	62	48	49	75	84	78	69		
OA26		Melrose Park Playground		K	Passive recreation	60	0	0	0	50	64	0	98	101	96	0	37	38	75	82	73	81	80	73	0	0	0	0	72	73	55	68	54	55	81	90	84	75		
OA27		Ryde Parramatta Golf Course		K	Active recreation	65	0	0	0	74	88	0	82	85	80	0	37	38	68	75	66	74	73	66	0	0	0	0	50	51	71	84	70	71	68	77	71	62		
OA28		Meadowbank Park		K	Passive recreation	60	0	0	0	36	50	0	46	49	44	0	31	32	45	52	43	51	50	43	0	0	0	0	37	38	40	53	39	40	44	53	47	38		
OA29		West Ryde Rovers Netball Club		K	Active recreation	65	0	0	0	34	48	0	43	46	41	0	30	31	42	49	40	48	47	40	0	0	0	0	38	39	38	51	37	38	41	50	44	35		
OA30		Olympic Park Wharf		L	Active recreation	65	0	0	0	31	45	0	42	45	40	0	28	29	43	50	41	49	48	41	0	0	0	0	40	41	40	53	39	40	44	53	47	38		
OA31		Wentworth Point Public School Playground		L	Active recreation	65	0	0	0	42	56	0	53	56	51	0	32	33	55	62	53	61	60	53	0	0	0	0	39	40	51	64	50	51	54	63	57	48		
OA32		Wentworth Point		L	Passive recreation	60	0	0	0	15	29	0	36	39	34	0	14	15	34	41	32	40	39	32	0	0	0	0	27	28	22	35	21	22	33	42	36	27		
OA33		Bay Park		M	Passive recreation	60	0	0	0	31	45	0	42	45	40	0	27	28	41	48	39	47	46	39	0	0	0	0	32	33	40	53	39	40	39	48	42	33		
OA34		Tennis courts		M	Active recreation	65	0	0	0	40	54	0	49	52	47	0	30	31	51	58	49	57	56	49	0	0	0	0	46	47	44	57	43	44	49	58	52	43		
OA35		Sydney Disc Golf Club		N	Active recreation	65	0	0	0	24	38	0	35	38	33	0	32	33	52	59	50	58	57	50	0	0	0	0	32	33	29	42	28	29	54	63	57	48		
OA36		Sydney Disc Golf Club		N	Active recreation	65	0	0	0	37	51	26	47	50	45	22	40	41	47	54	45	53	52	45	21	17	26	17	44	45	41	54	40	41	49	58	52	43		
OA37		Birdlife Australia Discovery Centre		N	Passive recreation	60	0	0	0	36	50	26	43	46	41	22	39	40	42	49	40	48	47	40	21	17	26	17	39	40	40	53	39	40	42	51	45	36		
OA38		Birdlife Australia Discovery Centre		N	Passive recreation	60	0	0	0	33	47	25	44	47	42	21	36	37	43	50	41	49	48	41	0	0	0	0	40	41	39	52	38	39	46	55	49	40		
OA39		Aboriginal Celebration		N	Passive recreation	60	0	0	0	33	47	25	42	45	40	20	36	37	42	49	40	48	47	40	0	0	0	0	39	40	38	51	37	38	41	50	44	35		
OA40		Birdlife Australia Discovery Centre		N	Passive recreation	60	0	0	0	33	47	26	42	45	40	22	36	37	42	49	40	48	47	40	0	0	0	0	37	38	39	52	38	39	41	50	44	35		
OA41		Sydney Olympic Park Lodge		N	Active recreation	65	0	0	0	43	57	24	51	54	49	20	47	48	54	61	52	60	59	52	0	0	0	0	48	49	48	61	47	48	52	61	55	46		
OA42		Birdlife Australia Discovery Centre		N	Passive recreation	60	0	0	0	35	49	25	44	47	42	21	37	38	43	50	41	49	48	41	0	0	0	0	36	37	39	52	38	39	42	51	45	36		
OA43		Birdlife Australia Discovery Centre		N	Passive recreation	60	0	0	0	44	58	22	53	56	51	0	49	50	57	64	55	63	62	55	0	0	0	0	46	47	50	63	49	50	55	64	58	49		
OA44		Millennium parklands		N	Passive recreation	60	0	0	0	49	63	0	59	62	57	0	46	47	59	66	57	65	64	57	0	0	0	0	44	45	53	66	52	53	57	66	60	51		
OA45		Woo-la-ra		N	Passive recreation	60	0	0	0	42	56	0	49	52	47	0	42	43	51	58	49	57	56	49	0	0	0	0	37	38	46	59	45	46	50	59	53	44		
OA46		Woo-la-ra		N	Passive recreation	60	0	0	0	48	62	0	78	81	76	0	49	50	73	80	71	79	78	71	0	0	0	0	71	72	52	65	51	52	70	79	73	64		
OA47		River Walk		N	Passive recreation	60	0	0	0	36	50	0	57	60	55	0	41	42	69	76	67	75	74	67	0	0	0	0	54	55	40	53	39	40	57	66	60	51		
OA48		Sanctuary Hill		N	Passive recreation	60	0	0	0	53	67	0	86	89	84	0	39	40	77	84	75	83	82	75	0	0	0	0	51	52	78	91	77	78	70	79	73	64		
OA49		The Pyramid		O	Passive recreation	60	0	0	0	32	46	0	50	53	48	0	37	38	72	79	70	78	77	70	0	0	0	0	65	66	40	53	39	40	69	78	72	63		
OA50		Haslams Pier		O	Passive recreation	60	0	0	0	31	45	0	46	49	44	0	36	37	43	50	41	49	48	41	0	0	0	0	41	42	42	55	41	42	46	55	49	40		
OA51		Kronos Hill		O	Passive recreation	60	0	0	0	27	41	0	43	46	41	0	32	33	40	47	38	46	45	38	0	0	0	0	38	39	38	51	37	38	42	51	45	36		
OA52		URBNSURF Surf Park		O	Active recreation	65	0	0	0	37	51	0	55	58	53	0	42	43	62	69	60	68	67	60	0	0	0	0	46	47	57	70	56	57	62	71	65	56		
OA53		Wentworth Common		O	Passive recreation	60	0	0	0	47	61	0	63	66	61	0	53	54	64	71	62	70	69	62	0	0	0	0	61	62	60	73	59	60	66	75	69	60		
OA54		Sydney BMX Club		O	Active recreation	65	0	0	0	35	49	0	56	59	54	0	40	41	66	73	64	72	71	64	0	0	0	0	45	46	62	75	61	62	65	74	68	59		
OA55		Brickpit Ring Walk		O	Passive recreation	60	0	0	0	47	61	0	57	60	55	0	53	54	55	62	53	61	60	53	0	0	0	0	46	47	51	64	50	51	54	63	57	48		
OA56		Sydney Olympic Park Archery Centre		O	Active recreation	65	0	0	0	21	35	0	54	57	52	0	23	24	48	55	46	54	53	46	0	0	0	0	36	37	30	43	29	30	48	57	51	42		
OA57		Wentworth Common		O	Passive recreation	60	0	0	0	50	64	0	58	61	56	0	52	53	56	63	54	62	61	54	0	0	0	0	40	41	54	67	53	54	56	65	59	50		
OA58		Bay Marker		O	Passive recreation	60	0	0	0	41	55	0	46	49	44	0	41	42	50	57	48	56	55	48	0	0	0	0	40	41	48	61	47	48	48	57	51	42		
OA60		Arc of Pines		O	Passive recreation	60	0	0	0	40	54	0	48	51	46	0	43	44	46	53	44	52	51	44	0	0	0	0	36	37	44	57	43	44	45	54	48	39		
OA61		Hill Pavilion		O	Passive recreation	60	0	0	0	17	31	0	38	41	36	0	29	30	34	41	32	40	39	32	0	0	0	0	28	29	26	39	25	26	37	46	40	31		
OA62		Village Green Playground		O	Passive recreation	60	0	0	0	20	34	0	39	42	37	0	20	21	43	50	41	49	48	41	0	0	0	0	26	27	29	42	28	29	43	52	46	37		
OA63		Pierre De Coubertin Dog Park		P	Passive recreation	60	0	0	0	18	32	0	37	40	35	0	27	28	40	47	38	46	45	38	0	0	0	0	25	26	26	39	25	26	39	48	42	33		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
OA64		Cumberland Park		P	Passive recreation	60	0	0	0	29	43	26	48	51	46	22	37	38	46	53	44	52	51	44	20	16	25	16	44	45	42	55	41	42	50	59	53	44		
OA65		Stadium Australia		Q	Active recreation	65	0	0	0	30	44	27	44	47	42	22	34	35	42	49	40	48	47	40	21	17	26	17	37	38	38	51	37	38	42	51	45	36		
OA66		Sydney Olympic Park Athletic Centre		Q	Active recreation	65	0	0	0	13	27	0	34	37	32	0	29	30	34	41	32	40	39	32	0	0	0	0	27	28	16	29	15	16	34	43	37	28		
OA67		Sydney Showground		Q	Active recreation	65	0	0	0	19	33	0	46	49	44	0	38	39	55	62	53	61	60	53	0	0	0	0	46	47	27	40	26	27	54	63	57	48		
OA68		New South Wales Rugby League Centre of Excellence		Q	Active recreation	65	0	0	0	26	40	0	35	38	33	0	32	33	46	53	44	52	51	44	0	0	0	0	31	32	31	45	31	32	45	54	48	39		
OA69		SOP Warm Up Arena		Q	Active recreation	65	0	0	0	21	35	0	40	43	38	0	39	40	70	77	68	76	75	68	0	0	0	0	52	53	30	43	29	30	70	79	73	64		
OA70		Cathy Freeman Park		Q	Active recreation	65	0	0	0	17	31	0	47	50	45	0	41	42	46	53	44	52	51	44	0	0	0	0	42	43	26	39	25	26	45	54	48	39		
OA71		Sydney Showground		Q	Active recreation	65	0	0	0	23	37	0	52	55	50	0	28	29	63	70	61	69	68	61	0	0	0	0	47	48	31	44	30	31	72	81	75	66		
OA72		Sydney Olympic Park Hockey Centre		Q	Active recreation	65	0	0	0	28	42	0	36	39	34	0	32	33	58	65	56	64	63	56	0	0	0	0	28	29	40	53	39	40	57	66	60	51		
OA73		Sydney Olympic Park Hockey Centre		Q	Active recreation	65	0	0	0	16	30	0	40	43	38	0	36	37	38	45	36	44	43	36	0	0	0	0	23	24	24	37	23	24	37	46	40	31		
OA74		Sydney Olympic Park Tennis World		Q	Active recreation	65	0	0	0	17	31	0	34	37	32	0	34	35	35	42	33	41	40	33	0	0	0	0	28	29	23	36	22	23	34	43	37	28		
OA75		Sydney Olympic Park Tennis World		Q	Active recreation	65	0	0	0	12	26	0	37	40	35	0	32	33	36	43	34	42	41	34	0	0	0	0	25	26	16	29	15	16	35	44	38	29		
OA76		Sydney Olympic Park Tennis World		Q	Active recreation	65	0	0	0	13	27	0	26	29	24	0	25	26	28	35	26	34	33	26	0	0	0	0	21	22	23	36	22	23	26	35	29	20		
OA77		GWS Giants Football Field		Q	Active recreation	65	0	0	0	0	13	0	17	20	15	0	16	17	18	25	16	24	23	16	0	0	0	0	15	16	7	20	6	7	17	26	20	11		
OA78		Sydney Olympic Park Tennis World		Q	Active recreation	65	0	0	0	11	25	0	31	34	29	0	27	28	31	38	29	37	36	29	0	0	0	0	21	22	22	35	21	22	30	39	33	24		
OA79		Sydney Olympic Park Tennis World		Q	Active recreation	65	0	0	0	15	29	0	34	37	32	0	30	31	33	40	31	39	38	31	0	0	0	0	22	23	25	38	24	25	32	41	35	26		
P001	10 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	0	30	33	28	0	26	27	35	42	33	41	40	33	0	0	0	0	22	23	20	33	19	20	34	43	37	28		
P002	12 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	20	36	39	34	16	27	28	34	41	32	40	39	32	19	15	24	15	31	32	32	45	31	32	33	42	36	27		
P003	14 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	19	33	36	31	15	30	31	38	45	36	44	43	36	17	13	22	13	29	30	24	37	23	24	38	47	41	32		
P004	16 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	21	39	42	37	17	28	29	37	44	35	43	42	35	17	13	22	13	35	36	34	47	33	34	39	48	42	33		
P005	2 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	22	39	42	37	18	30	31	40	47	38	46	45	38	21	17	26	17	35	36	38	51	37	38	39	48	42	33		
P006	20 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	15	36	39	34	10	31	32	34	41	32	40	39	32	20	16	25	16	28	29	20	33	19	20	33	42	36	27		
P007	22 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	27	38	41	36	24	26	27	36	43	34	42	41	34	23	19	28	19	31	32	34	47	33	34	35	44	38	29		
P008	24 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	23	38	41	36	19	31	32	36	43	34	42	41	34	10	6	15	6	33	34	34	47	33	34	35	44	38	29		
P009	26 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	13	40	43	38	9	29	30	39	46	37	45	44	37	8	4	13	4	35	36	36	49	35	36	40	49	43	34		
P010	28 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	17	36	39	34	12	30	31	35	42	33	41	40	33	14	10	19	10	32	33	33	46	32	33	34	43	37	28		
P011	30 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	16	32	35	30	12	28	29	36	43	34	42	41	34	13	9	18	9	25	26	29	42	28	29	35	44	38	29		
P012	32 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	24	35	38	33	20	31	32	34	41	32	40	39	32	16	12	21	12	31	32	31	44	30	31	36	45	39	30		
P013	34 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	28	38	41	36	23	28	29	36	43	34	42	41	34	23	19	28	19	34	35	33	46	32	33	38	47	41	32		
P014	36 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	24	32	35	30	20	28	29	36	43	34	42	41	34	21	17	26	17	25	26	29	42	28	29	36	45	39	30		
P015	4 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	28	38	41	36	23	28	29	36	43	34	42	41	34	22	18	27	18	34	35	33	46	32	33	38	47	41	32		
P016	6 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	21	35	38	33	17	28	29	37	44	35	43	42	35	19	15	24	15	31	32	34	47	33	34	33	42	36	27		
P017	8 Ali Pde, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	10	38	41	36	6	24	25	36	43	34	42	41	34	17	13	22	13	34	35	25	38	24	25	37	46	40	31		
P018	201/1 Avenue Of Europe, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	12	40	43	38	8	30	31	37	44	35	43	42	35	20	16	25	16	35	36	31	44	30	31	40	49	43	34		
P019	303/3 Avenue Of Europe, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	30	41	44	39	27	33	34	43	50	41	49	48	41	24	20	29	20	37	38	33	46	32	33	42	51	45	36		
P020	308/6 Avenue Of Oceania, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	13	42	45	40	9	35	36	41	48	39	47	46	39	11	7	16	7	39	40	37	50	36	37	42	51	45	36		
P021	105/6 Avenue Of Oceania, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	11	43	46	41	7	35	36	41	48	39	47	46	39	5	1	10	1	38	39	37	50	36	37	43	52	46	37		
P022	Manning 3/1 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	30	37	40	35	26	33	34	43	50	41	49	48	41	24	20	29	20	38	39	34	47	33	34	43	52	46	37		
P023	Manning 10/1 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	14	42	45	40	10	21	22	46	53	44	52	51	44	12	8	17	8	43	44	38	51	37	38	48	57	51	42		
P024	10 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	11	45	48	43	7	31	32	44	51	42	50	49	42	13	9	18	9	41	42	39	52	38	39	45	54	48	39		
P025	6/11 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	31	45	28	39	42	37	23	36	37	44	51	42	50	49	42	19	15	24	15	28	29	35	48	34	35	42	51	45	36		
P026	8/11 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	38	52	13	55	58	53	9	44	45	54	61	52	60	59	52	4	0	9	0	51	52	47	60	46	47	55	64	58	49		
P027	11/11 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	40	54	10	55	58	53	7	43	44	54	61	52	60	59	52	3	0	8	0	51	52	47	60	46	47	56	65	59	50		
P028	1/11 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	38	52	11	55	58	53	7	42	43	53	60	51	59	58	51	4	0	9	0	51	52	48	61	47	48	55	64	58	49		
P029	14/11 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	38	52	12	55	58	53	8	43	44	53	60	51	59	58	51	3	0	8	0	51	52	47	60	46	47	55	64	58	49		
P030	17/11 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	40	54	10	55	58	53	6	44	45	54	61	52	60	59	52	3	0	8	0	51	52	47	60	46	47	56	65	59	50		
P031	11-15 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	40	54	12	55	58	53	7	43	44	54	61	52	60	59	52	4	0	9	0	51	52	48	61	47	48	56	65	59	50		
P032	Glades 16/13 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	36	50	10	56	59	54	6	41	42	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	56	65	59	50		
P033	Glades 13/13 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	38	52	10	56	59	54	6	43	44	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	57	66	60	51		
P034	Glades 11/13 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	36	50	9	56	59	54	5	43	44	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	57	66	60	51		
P035	Glades 3/13 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	36	50	10	56	59	54	6	41	42	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	57	66	60	51		
P036	Glades 10/13 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	36	50	11	55	58	53	7	41	42	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	56	65	59	50		
P037	14 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	36	50	10	56	59	54	5	43	44	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	57	66	60	51		
P038	Carnarvon 3/15 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	26	42	45	40	21	33	34	47	54	45	53	52	45	21	17	26	17	31	32	26	39	25	26	50	59	53	44		
P039	15 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	38	52	10	56	59	54	6	42	43	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	58	67	61	52		
P040	Carnarvon 4/15 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	37	51	9	56	59	54	5	42	43	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	58	67	61	52		
P041	Carnarvon 9/15 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	38	52	9	56	59	54	5	42	43	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	58	67	61	52		
P042	16 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	38	52	9	56	59	54	5	42	43	54	61	52	60	59	52	3	0	8	0	51	52	48	61	47	48	58	67	61	52		
P043	12/17 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	34	48	23	35	38	33	21	25	26	40	47	38	46	45	38	19	15	24	15	32	33	39	52	38	39	43	52	46	37		
P044	13/17 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	10	55	58	53	6	37	38	53	60	51	59	58	51	4	0	9	0	50	51	47	60	46	47	58	67	61	52		
P045	19/17 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	35	49	10	56	59	54	6	40	41	53	60	51	59	58	51	3	0	8	0	51	52	48	61	47	48	58	67	61	52		
P046	2/17 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	19	33	11	54	57	52	7	27	28	52	59	50	58	57	50	4	0	9	0	50	51	47	60	46	47	58	67	61	52		
P047	2/17 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	11	41	44	39	7	26	27	41	48	39	47	46	39	3	0	8	0	32	33	38	51	37	38	56	65	59	50		
P048	Centennial 8/19 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	9	53	56	51	5	25	26	48	55	46	54	53	46	5	1	10	1	34	35	46	59	45	46	57	66	60	51		
P049	Centennial 25/19 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	33	47	12	40	43	38	8	36	37	40	47	38	46	45	38	7	3	12	3	31	32	37	50	36	37	39	48	42	33		
P050	Centennial 22/19 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	31	45	10	53	56	51	6	37	38	50	57	48	56	55	48	5	1	10	1	48	49	46	59	45	46	55	64	58	49		
P051	Centennial 18/19 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	9	54	57	52	5	36	37	51	58	49	57	56	49	3	0	8	0	49	50	46	59	45	46	56	65	59	50		
P052	Centennial 12/19 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	10	48	51	46	6	36	37	46	53	44	52	51	44	5	1	10	1	41	42	44	57	43	44	52	61	55	46		
P053	20 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	13	50	53	48	9	23	24	41	48	39	47	46	39	7	3	12	3	30	31	39	52	38	39	54	63	57	48		
P054	Botanical 25/21 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	23	38	41	36	18	27	28	36	43	34	42	41	34	18	14	23	14	33	34	31	44	30	31	51	60	54	45		
P055	Botanical 15/21 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	19	33	11	35	38	33	7	29	30	40	47	38	46	45	38	6	2	11	2	29	30	37	50	36	37	38	47	41	32		
P056	Botanical 11/21 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	32	46	10	52	55	50	6	38	39	50	57	48	56	55	48	5	1	10	1	47	48	45	58	44	45	54	63	57	48		
P057	Botanical 15/21 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	12	47	50	45	8	34	35	43	50	41	49	48	41	18	14	23	14	41	42	42	55	41	42	47	56	50	41		
P058	Botanical 14/21 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	12	51	54	49	8	37	38	49	56	47	55	54	47	6	2	11	2	46	47	44	57	43	44	53	62	56	47		
P059	Botanical 23/21 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	11	46	49	44	7	27	28	44	51	42	50	49	42	6	2	11	2	34	35	42	55	41	42	48	57	51	42		
P060	22 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	11	46	49	44	7	27	28	43	50	41	49	48	41	6	2	11	2	38	39	40	53	39	40	45	54	48	39		
P061	22 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	23	52	55	50	18	36	37	44	51	42	50	49	42	17	13	22	13	35	36	40	53	39	40	52	61	55	46		
P062	23 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	24	53	56	51	20	32	33	51	58	49	57	56	49	20	16	25	16	49	50	47	60	46	47	52	61	55	46		
P063	24 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	25	42	45	40	21	32	33	41	48	39	47	46	39	21	17	26	17	39	40	37	50	36	37	42	51	45	36		
P064	25 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	27	39	42	37	22	33	34	50	57	48	56	55	48	21	17	26	17	37	38	30	43	29	30	53	62	56	47		
P065	26 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	13	37	40	35	9	20	21	36	43	34	42	41	34	8	4	13	4	25	26	34	47	33	34	34	43	37	28		
P066	27 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	35	49	24	39	42	37	19	36	37	41	48	39	47	46	39	18	14	23	14	31	32	39	52	38	39	40	49	43	34		
P067	28 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	14	43	46	41	10	35	36	41	48	39	47	46	39	9	5	14	5	39	40	34	47	33	34	41	50	44	35		
P068	29 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	25	50	53	48	22	27	28	41	48	39	47	46	39	19	15	24	15	32	33	39	52	38	39	55	64	58	49		
P069	Ashburton 8/3-5 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	26	43	46	41	22	33	34	41	48	39	47	46	39	21	17	26	17	39	40	38	51	37	38	41	50	44	35		
P070	Ashburton 6/3-5 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	19	33	15	44	47	42	11	20	21	46	53	44	52	51	44	12	8	17	8	43	44	40	53	39	40	47	56	50	41		
P071	30 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	26	44	47	42	20	28	29	45	52	43	51	50	43	19	15	24	15	41	42	39	52	38	39	45	54	48	39		
P072	32 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	25	54	57	52	21	25	26	52	59	50	58	57	50	20	16	25	16	50	51	47	60	46	47	54	63	57	48		
P073	34 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	28	38	41	36	23	32	33	50	57	48	56	55	48	23	19	28	19	34	35	28	41	27	28	54	63	57	48		
P074	36 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	23	53	56	51	19	32	33	47	54	45	53	52	45	13	9	18	9	34	35	45	58	44	45	55	64	58	49		
P075	36 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	15	53	56	51	11	25	26	49	56	47	55	54	47	13	9	18	9	40	41	39	52	38	39	53	62	56	47		
P076	4 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	23	44	47	42	19	32	33	43	50	41	49	48	41	15	11	20	11	41	42	35	48	34	35	43	52	46	37		
P077	40 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	31	45	22	39	42	37	18	37	38	39	46	37	45	44	37	17	13	22	13	28	29	36	49	35	36	38	47	41	32		
P078	40 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	15	52	55	50	11	30	31	49	56	47	55	54	47	12	8	17	8	40	41	40	53	39	40	52	61	55	46		
P079	42 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	32	46	12	46	49	44	8	36	37	46	53	44	52	51	44	18	14	23	14	44	45	40	53	39	40	46	55	49	40		
P080	42 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	24	47	50	45	11	25	26	45	52	43	51	50	43	22	18	27	18	42	43	41	54	40	41	50	59	53	44		
P081	42 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	23	39	42	37	20	31	32	41	48	39	47	46	39	20	16	25	16	35	36	32	45	31	32	41	50	44	35		
P082	44 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	19	33	23	44	47	42	19	26	27	43	50	41	49	48	41	18	14	23	14	40	41	39	52	38	39	42	51	45	36		
P083	44A Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	17	39	42	37	13	35	36	43	50	41	49	48	41	14	10	19	10	30	31	33	46	32	33	43	52	46	37		
P084	48 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	32	46	13	44	47	42	9	37	38	44	51	42	50	49	42	8	4	13	4	38	39	39	52	38	39	44	53	47	38		
P085	50 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	25	36	39	34	21	31	32	43	50	41	49	48	41	22	18	27	18	28	29	28	41	27	28	43	52	46	37		
P086	50 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	12	31	34	29	8	21	22	30	37	28	36	35	28	11	7	16	7	24	25	26	39	25	26	31	40	34	25		
P087	50 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	23	36	39	34	18	31	32	40	47	38	46	45	38	20	16	25	16	38	39	31	44	30	31	39	48	42	33		
P088	52 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	24	42	45	40	20	30	31	41	48	39	47	46	39	20	16	25	16	39	40	35	48	34	35	40	49	43	34		
P089	54 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	22	43	46	41	18	28	29	42	49	40	48	47	40	20	16	25	16	40	41	37	50	36	37	41	50	44	35		
P090	56 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	21	43	46	41	17	31	32	41	48	39	47	46	39	18	14	23	14	39	40	38	51	37	38	41	50	44	35		
P091	58 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	17	43	46	41	13	29	30	41	48	39	47	46	39	17	13	22	13	38	39	38	51	37	38	41	50	44	35		
P092	6 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	27	38	41	36	23	34	35	42	49	40	48	47	40	24	20	29	20	34	35	34	47	33	34	42	51	45	36		
P093	6 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	31	45	27	35	38	33	22	35	36	37	44	35	43	42	35	20	16	25	16	27	28	35	48	34	35	36	45	39	30		
P094	Ashburton 3/7 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	21	32	35	30	16	26	27	35	42	33	41	40	33	16	12	21	12	28	29	27	40	26	27	34	43	37	28		
P095	Derwent 14/7 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	33	47	28	41	44	39	23	37	38	44	51	42	50	49	42	23	19	28	19	34	35	37	50	36	37	42	51	45	36		
P096	26/9 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	25	44	47	42	19	24	25	45	52	43	51	50	43	20	16	25	16	41	42	39	52	38	39	46	55	49	40		
P097	14/9 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	20	47	50	45	16	24	25	47	54	45	53	52	45	16	12	21	12	44	45	43	56	42	43	47	56	50	41		
P098	2/9 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	17	48	51	46	13	25	26	47	54	45	53	52	45	16	12	21	12	45	46	43	56	42	43	47	56	50	41		
P099	6/9 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	36	50	27	44	47	42	22	40	41	48	55	46	54	53	46	21	17	26	17	34	35	41	54	40	41	47	56	50	41		
P100	16/9 Blaxland Av, Newington Nsw 2127			P	Residential	54	49	50	44	40	54	28	52	55	50	23	44	45	53	60	51	59	58	51	8	4	13	4	48	49	46	59	45	46	55	64	58	49		
P101	1 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	40	54	11	54	57	52	7	43	44	53	60	51	59	58	51	3	0	8	0	51	52	47	60	46	47	55	64	58	49		
P102	1 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	26	29	32	27	22	34	35	28	35	26	34	33	26	21	17	26	17	25	26	26	39	25	26	29	38	32	23		
P103	11 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	21	43	46	41	17	35	36	44	51	42	50	49	42	9	5	14	5	42	43	33	46	32	33	44	53	47	38		
P104	11 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	15	41	44	39	11	28	29	44	51	42	50	49	42	10	6	15	6	41	42	31	44	30	31	43	52	46	37		
P105	11 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	18	38	41	36	14	29	30	38	45	36	44	43	36	12	8	17	8	36	37	35	48	34	35	37	46	40	31		
P106	13 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	27	42	45	40	22	36	37	41	48	39	47	46	39	21	17	26	17	37	38	38	51	37	38	42	51	45	36		
P107	15 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	23	43	46	41	19	34	35	42	49	40	48	47	40	17	13	22	13	40	41	36	49	35	36	41	50	44	35		
P108	19 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	31	45	26	45	48	43	22	35	36	42	49	40	48	47	40	21	17	26	17	40	41	38	51	37	38	43	52	46	37		
P109	19 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	25	38	41	36	20	35	36	41	48	39	47	46	39	21	17	26	17	30	31	35	48	34	35	43	52	46	37		
P110	21 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	25	44	47	42	21	35	36	42	49	40	48	47	40	20	16	25	16	40	41	38	51	37	38	43	52	46	37		
P111	21 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	14	44	47	42	10	34	35	42	49	40	48	47	40	9	5	14	5	40	41	38	51	37	38	44	53	47	38		
P112	23 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	26	44	47	42	22	30	31	40	47	38	46	45	38	19	15	24	15	31	32	38	51	37	38	43	52	46	37		
P113	23 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	19	33	36	31	14	22	23	28	35	26	34	33	26	14	10	19	10	21	22	26	39	25	26	32	41	35	26		
P114	25 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	12	44	47	42	8	34	35	42	49	40	48	47	40	7	3	12	3	39	40	38	51	37	38	44	53	47	38		
P115	25 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	11	44	47	42	7	34	35	42	49	40	48	47	40	7	3	12	3	39	40	38	51	37	38	44	53	47	38		
P116	27 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	24	31	34	29	16	32	33	31	38	29	37	36	29	18	14	23	14	22	23	28	41	27	28	30	39	33	24		
P117	29 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	13	44	47	42	9	34	35	42	49	40	48	47	40	9	5	14	5	39	40	38	51	37	38	43	52	46	37		
P118	3 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	13	44	47	42	9	34	35	42	49	40	48	47	40	8	4	13	4	40	41	38	51	37	38	43	52	46	37		
P119	31 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	23	41	44	39	19	31	32	40	47	38	46	45	38	17	13	22	13	31	32	31	44	30	31	39	48	42	33		
P120	33 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	15	44	47	42	10	27	28	42	49	40	48	47	40	9	5	14	5	40	41	38	51	37	38	43	52	46	37		
P121	35 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	25	43	46	41	21	28	29	40	47	38	46	45	38	16	12	21	12	28	29	38	51	37	38	43	52	46	37		
P122	37 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	19	33	20	39	42	37	16	18	19	39	46	37	45	44	37	21	17	26	17	37	38	32	45	31	32	38	47	41	32		
P123	37 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	12	40	43	38	8	21	22	40	47	38	46	45	38	17	13	22	13	38	39	31	44	30	31	39	48	42	33		
P124	39 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	17	44	47	42	12	27	28	42	49	40	48	47	40	21	17	26	17	40	41	38	51	37	38	44	53	47	38		
P125	41 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	14	43	46	41	10	27	28	37	44	35	43	42	35	12	8	17	8	26	27	35	48	34	35	39	48	42	33		
P126	45 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	15	43	46	41	11	26	27	40	47	38	46	45	38	16	12	21	12	33	34	38	51	37	38	41	50	44	35		
P127	47 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	22	35	38	33	18	29	30	37	44	35	43	42	35	19	15	24	15	30	31	30	43	29	30	37	46	40	31		
P128	47 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	16	40	43	38	12	26	27	39	46	37	45	44	37	19	15	24	15	37	38	35	48	34	35	38	47	41	32		
P129	7 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	24	38	41	36	20	30	31	37	44	35	43	42	35	19	15	24	15	30	31	34	47	33	34	36	45	39	30		
P130	7 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	23	33	36	31	19	28	29	31	38	29	37	36	29	21	17	26	17	29	30	28	41	27	28	33	42	36	27		
P131	7 Cumberland Sq, Newington Nsw 2127			P	Residential	54	49	50	44	19	33	20	34	37	32	16	22	23	31	38	29	37	36	29	16	12	21	12	28	29	29	42	28	29	35	44	38	29		
P132	1 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	23	45	48	43	19	27	28	44	51	42	50	49	42	10	6	15	6	42	43	28	41	27	28	43	52	46	37		
P133	10 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	26	34	37	32	21	33	34	47	54	45	53	52	45	21	17	26	17	34	35	31	44	30	31	49	58	52	43		
P134	13 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	15	44	47	42	11	24	25	46	53	44	52	51	44	14	10	19	10	44	45	37	50	36	37	44	53	47	38		
P135	13 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	25	45	48	43	21	34	35	39	46	37	45	44	37	18	14	23	14	35	36	37	50	36	37	44	53	47	38		
P136	14 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	27	36	39	34	23	36	37	48	55	46	54	53	46	22	18	27	18	35	36	30	43	29	30	51	60	54	45		
P137	14 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	16	37	40	35	12	18	19	34	41	32	40	39	32	17	13	22	13	31	32	32	45	31	32	36	45	39	30		
P138	17 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	31	45	27	38	41	36	22	36	37	46	53	44	52	51	44	21	17	26	17	32	33	35	48	34	35	48	57	51	42		
P139	18 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	19	48	51	46	15	18	19	46	53	44	52	51	44	10	6	15	6	44	45	38	51	37	38	48	57	51	42		
P140	18 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	18	41	44	39	12	20	21	42	49	40	48	47	40	20	16	25	16	39	40	38	51	37	38	41	50	44	35		
P141	2 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	14	41	44	39	10	19	20	40	47	38	46	45	38	11	7	16	7	34	35	38	51	37	38	39	48	42	33		
P142	3 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	27	39	42	37	22	35	36	46	53	44	52	51	44	22	18	27	18	36	37	33	46	32	33	44	53	47	38		
P143	6 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	21	39	42	37	17	34	35	38	45	36	44	43	36	14	10	19	10	35	36	35	48	34	35	38	47	41	32		
P144	7 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	21	38	41	36	17	28	29	38	45	36	44	43	36	17	13	22	13	32	33	31	44	30	31	37	46	40	31		
P145	8 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	32	46	20	40	43	38	16	30	31	39	46	37	45	44	37	14	10	19	10	30	31	36	49	35	36	38	47	41	32		
P146	8 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	24	47	50	45	20	36	37	44	51	42	50	49	42	19	15	24	15	35	36	42	55	41	42	46	55	49	40		
P147	9 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	21	44	47	42	17	21	22	44	51	42	50	49	42	6	2	11	2	42	43	29	42	28	29	43	52	46	37		
P148	9 Curlew Av, Newington Nsw 2127			P	Residential	54	49	50	44	19	33	22	39	42	37	17	25	26	40	47	38	46	45	38	17	13	22	13	38	39	33	46	32	33	38	47	41	32		
P149	1 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	20	43	46	41	16	22	23	47	54	45	53	52	45	19	15	24	15	45	46	34	47	33	34	48	57	51	42		
P150	1 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	27	37	40	35	23	30	31	36	43	34	42	41	34	21	17	26	17	30	31	33	46	32	33	35	44	38	29		
P151	11 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	24	35	38	33	19	27	28	35	42	33	41	40	33	14	10	19	10	32	33	31	44	30	31	34	43	37	28		
P152	11 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	18	34	37	32	19	20	21	32	39	30	38	37	30	19	15	24	15	30	31	29	42	28	29	32	41	35	26		
P153	13 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	32	46	17	39	42	37	13	35	36	40	47	38	46	45	38	18	14	23	14	28	29	36	49	35	36	41	50	44	35		
P154	13 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	20	36	39	34	16	28	29	35	42	33	41	40	33	23	19	28	19	33	34	30	43	29	30	35	44	38	29		
P155	4 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	27	36	39	34	23	26	27	35	42	33	41	40	33	23	19	28	19	33	34	30	43	29	30	34	43	37	28		
P156	5 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	18	43	46	41	14	29	30	43	50	41	49	48	41	18	14	23	14	41	42	38	51	37	38	43	52	46	37		
P157	5 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	14	42	45	40	10	18	19	43	50	41	49	48	41	19	15	24	15	41	42	39	52	38	39	43	52	46	37		
P158	8 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	27	30	33	28	23	33	34	30	37	28	36	35	28	21	17	26	17	26	27	27	40	26	27	29	38	32	23		
P159	9 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	19	41	44	39	15	20	21	40	47	38	46	45	38	19	15	24	15	31	32	28	41	27	28	39	48	42	33		
P160	9 Davies St, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	14	37	40	35	10	36	37	43	50	41	49	48	41	10	6	15	6	36	37	34	47	33	34	45	54	48	39		
P161	10 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	27	39	42	37	22	33	34	44	51	42	50	49	42	22	18	27	18	36	37	34	47	33	34	45	54	48	39		
P162	11 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	31	45	27	38	41	36	23	34	35	40	47	38	46	45	38	19	15	24	15	27	28	35	48	34	35	39	48	42	33		
P163	13 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	16	44	47	42	12	28	29	42	49	40	48	47	40	14	10	19	10	40	41	38	51	37	38	43	52	46	37		
P164	17 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	17	44	47	42	13	29	30	45	52	43	51	50	43	21	17	26	17	43	44	38	51	37	38	44	53	47	38		
P165	19 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	22	43	46	41	18	21	22	43	50	41	49	48	41	13	9	18	9	41	42	37	50	36	37	43	52	46	37		
P166	2 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	21	43	46	41	17	26	27	44	51	42	50	49	42	17	13	22	13	42	43	37	50	36	37	43	52	46	37		
P167	21 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	26	38	41	36	22	34	35	44	51	42	50	49	42	22	18	27	18	39	40	31	44	30	31	44	53	47	38		
P168	23 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	24	43	46	41	20	31	32	44	51	42	50	49	42	19	15	24	15	42	43	37	50	36	37	43	52	46	37		
P169	25 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	15	42	45	40	11	24	25	41	48	39	47	46	39	16	12	21	12	39	40	36	49	35	36	42	51	45	36		
P170	27 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	29	37	40	35	25	35	36	41	48	39	47	46	39	22	18	27	18	33	34	33	46	32	33	42	51	45	36		
P171	29 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	28	37	40	35	24	35	36	41	48	39	47	46	39	22	18	27	18	34	35	32	45	31	32	41	50	44	35		
P172	3 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	24	42	45	40	20	26	27	44	51	42	50	49	42	14	10	19	10	41	42	36	49	35	36	42	51	45	36		
P173	31 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	23	44	47	42	19	28	29	46	53	44	52	51	44	18	14	23	14	44	45	39	52	38	39	44	53	47	38		
P174	33 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	24	42	45	40	20	27	28	43	50	41	49	48	41	24	20	29	20	40	41	36	49	35	36	42	51	45	36		
P175	4 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	26	41	44	39	22	20	21	40	47	38	46	45	38	23	19	28	19	38	39	35	48	34	35	40	49	43	34		
P176	5 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	26	42	45	40	22	33	34	43	50	41	49	48	41	22	18	27	18	39	40	36	49	35	36	44	53	47	38		
P177	6 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	19	44	47	42	15	22	23	43	50	41	49	48	41	14	10	19	10	41	42	38	51	37	38	43	52	46	37		
P178	7 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	26	42	45	40	22	34	35	43	50	41	49	48	41	22	18	27	18	39	40	37	50	36	37	43	52	46	37		
P179	8 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	14	44	47	42	10	20	21	43	50	41	49	48	41	12	8	17	8	40	41	38	51	37	38	43	52	46	37		
P180	8 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	27	37	40	35	22	35	36	41	48	39	47	46	39	22	18	27	18	30	31	35	48	34	35	41	50	44	35		
P181	9 Evans St, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	19	35	38	33	15	29	30	38	45	36	44	43	36	15	11	20	11	36	37	30	43	29	30	38	47	41	32		
P182	2 Falcon St, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	16	44	47	42	12	24	25	45	52	43	51	50	43	15	11	20	11	43	44	38	51	37	38	44	53	47	38		
P183	3 Falcon St, Newington Nsw 2127			P	Residential	54	49	50	44	19	33	25	43	46	41	21	27	28	41	48	39	47	46	39	10	6	15	6	38	39	37	50	36	37	43	52	46	37		
P184	5 Falcon St, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	12	39	42	37	8	31	32	40	47	38	46	45	38	7	3	12	3	38	39	32	45	31	32	40	49	43	34		
P185	Doncaster 16/1 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	13	43	46	41	9	29	30	39	46	37	45	44	37	15	11	20	11	36	37	37	50	36	37	41	50	44	35		
P186	Doncaster 7/1 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	27	44	47	42	22	33	34	41	48	39	47	46	39	21	17	26	17	39	40	39	52	38	39	44	53	47	38		
P187	10 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	7	21	20	42	45	40	15	37	38	39	46	37	45	44	37	15	11	20	11	19	20	16	29	15	16	39	48	42	33		
P188	11 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	22	38	41	36	18	30	31	36	43	34	42	41	34	20	16	25	16	33	34	32	45	31	32	36	45	39	30		
P189	12 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	22	36	39	34	17	27	28	34	41	32	40	39	32	18	14	23	14	32	33	31	44	30	31	35	44	38	29		
P190	13 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	22	36	39	34	18	28	29	34	41	32	40	39	32	19	15	24	15	28	29	30	43	29	30	33	42	36	27		
P191	15 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	25	37	40	35	19	27	28	35	42	33	41	40	33	23	19	28	19	32	33	28	41	27	28	36	45	39	30		
P192	16 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	26	37	40	35	20	26	27	35	42	33	41	40	33	23	19	28	19	33	34	33	46	32	33	37	46	40	31		
P193	17 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	8	22	13	34	37	32	8	32	33	33	40	31	39	38	31	18	14	23	14	16	17	19	32	18	19	33	42	36	27		
P194	19 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	26	36	39	34	20	30	31	34	41	32	40	39	32	22	18	27	18	31	32	32	45	31	32	33	42	36	27		
P195	26 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	8	22	12	39	42	37	6	33	34	38	45	36	44	43	36	9	5	14	5	30	31	18	31	17	18	38	47	41	32		
P196	28 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	10	37	40	35	4	29	30	35	42	33	41	40	33	19	15	24	15	33	34	33	46	32	33	36	45	39	30		
P197	28 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	23	33	36	31	19	26	27	32	39	30	38	37	30	21	17	26	17	30	31	28	41	27	28	32	41	35	26		
P198	Hampton 2/3 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	10	24	25	24	27	22	19	22	23	24	31	22	30	29	22	19	15	24	15	20	21	20	33	19	20	22	31	25	16		
P199	Hampton 1/3 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	7	42	45	40	1	37	38	40	47	38	46	45	38	2	0	7	0	37	38	35	48	34	35	43	52	46	37		
P200	30 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	12	41	44	39	6	37	38	39	46	37	45	44	37	7	3	12	3	30	31	37	50	36	37	38	47	41	32		
P201	32 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	12	26	24	36	39	34	19	16	17	34	41	32	40	39	32	20	16	25	16	31	32	31	44	30	31	33	42	36	27		
P202	34 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	20	32	35	30	14	27	28	31	38	29	37	36	29	16	12	21	12	28	29	29	42	28	29	30	39	33	24		
P203	36 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	17	29	32	27	12	24	25	28	35	26	34	33	26	15	11	20	11	23	24	22	35	21	22	27	36	30	21		
P204	38 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	18	29	32	27	12	25	26	28	35	26	34	33	26	14	10	19	10	26	27	26	39	25	26	29	38	32	23		
P205	4 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	11	38	41	36	6	29	30	36	43	34	42	41	34	16	12	21	12	33	34	33	46	32	33	36	45	39	30		
P206	5 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	23	38	41	36	19	29	30	36	43	34	42	41	34	18	14	23	14	34	35	30	43	29	30	38	47	41	32		
P207	6 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	22	34	37	32	16	27	28	33	40	31	39	38	31	17	13	22	13	31	32	30	43	29	30	34	43	37	28		
P208	7 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	22	38	41	36	17	28	29	36	43	34	42	41	34	19	15	24	15	34	35	31	44	30	31	38	47	41	32		
P209	8 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	21	36	39	34	14	29	30	35	42	33	41	40	33	20	16	25	16	32	33	31	44	30	31	37	46	40	31		
P210	9 Heidelberg Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	22	37	40	35	18	28	29	36	43	34	42	41	34	19	15	24	15	31	32	34	47	33	34	35	44	38	29		
P211	Unit 2 2 Holker St, Newington Nsw 2127			P	Commercial	70	0	0	0	9	23	11	41	44	39	6	32	33	38	45	36	44	43	36	13	9	18	9	30	31	18	31	17	18	38	47	41	32		
P212	Unit 7 2 Holker St, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	12	44	47	42	8	27	28	43	50	41	49	48	41	5	1	10	1	40	41	38	51	37	38	44	53	47	38		
P213	Unit 5 2 Holker St, Newington Nsw 2127			P	Commercial	70	0	0	0	31	45	18	39	42	37	14	37	38	40	47	38	46	45	38	13	9	18	9	27	28	36	49	35	36	39	48	42	33		
P214	4 Holker St, Newington Nsw 2127			P	Commercial	70	0	0	0	13	27	14	42	45	40	10	22	23	41	48	39	47	46	39	10	6	15	6	39	40	36	49	35	36	41	50	44	35		
P215	1 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	33	38	41	36	28	34	35	41	48	39	47	46	39	24	20	29	20	32	33	34	47	33	34	40	49	43	34		
P216	10 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	24	41	44	39	20	30	31	38	45	36	44	43	36	20	16	25	16	36	37	36	49	35	36	40	49	43	34		
P217	12 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	12	39	42	37	6	30	31	37	44	35	43	42	35	21	17	26	17	35	36	35	48	34	35	37	46	40	31		
P218	2 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	24	37	40	35	20	31	32	35	42	33	41	40	33	18	14	23	14	31	32	33	46	32	33	34	43	37	28		
P219	3 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	29	41	44	39	25	31	32	40	47	38	46	45	38	21	17	26	17	37	38	35	48	34	35	41	50	44	35		
P220	4 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	21	33	36	31	16	28	29	33	40	31	39	38	31	5	1	10	1	29	30	31	44	30	31	31	40	34	25		
P221	5 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	23	40	43	38	8	32	33	38	45	36	44	43	36	21	17	26	17	36	37	35	48	34	35	39	48	42	33		
P222	6 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	11	41	44	39	6	30	31	39	46	37	45	44	37	5	1	10	1	35	36	37	50	36	37	37	46	40	31		
P223	7 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	24	39	42	37	20	33	34	37	44	35	43	42	35	16	12	21	12	34	35	34	47	33	34	37	46	40	31		
P224	8 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	10	41	44	39	6	31	32	39	46	37	45	44	37	5	1	10	1	36	37	37	50	36	37	42	51	45	36		
P225	9 Kosmala Cl, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	24	40	43	38	20	30	31	38	45	36	44	43	36	20	16	25	16	36	37	35	48	34	35	38	47	41	32		
P226	1 Kuts Av, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	10	41	44	39	5	31	32	40	47	38	46	45	38	5	1	10	1	38	39	37	50	36	37	41	50	44	35		
P227	7 Kuts Av, Newington Nsw 2127			P	Residential	54	49	50	44	7	21	17	35	38	33	4	33	34	33	40	31	39	38	31	15	11	20	11	29	30	24	37	23	24	32	41	35	26		
P228	1 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	21	31	34	29	16	32	33	34	41	32	40	39	32	18	14	23	14	24	25	32	45	31	32	31	40	34	25		
P229	1 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	28	37	40	35	23	32	33	36	43	34	42	41	34	25	21	30	21	27	28	33	46	32	33	35	44	38	29		
P230	11 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	28	37	40	35	23	33	34	39	46	37	45	44	37	23	19	28	19	30	31	34	47	33	34	38	47	41	32		
P231	11 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	12	33	36	31	8	24	25	40	47	38	46	45	38	7	3	12	3	28	29	29	42	28	29	40	49	43	34		
P232	13 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	16	42	45	40	12	37	38	40	47	38	46	45	38	13	9	18	9	36	37	37	50	36	37	42	51	45	36		
P233	15 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	21	38	41	36	16	31	32	41	48	39	47	46	39	16	12	21	12	34	35	35	48	34	35	41	50	44	35		
P234	3 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	24	32	35	30	20	24	25	32	39	30	38	37	30	19	15	24	15	26	27	30	43	29	30	31	40	34	25		
P235	3 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	21	32	35	30	17	26	27	32	39	30	38	37	30	20	16	25	16	27	28	28	41	27	28	31	40	34	25		
P236	5 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	28	29	32	27	23	29	30	28	35	26	34	33	26	11	7	16	7	26	27	26	39	25	26	28	37	31	22		
P237	201/6 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	14	37	40	35	10	23	24	34	41	32	40	39	32	9	5	14	5	27	28	32	45	31	32	33	42	36	27		
P238	7 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	23	36	39	34	19	32	33	40	47	38	46	45	38	21	17	26	17	28	29	30	43	29	30	40	49	43	34		
P239	7 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	12	31	34	29	8	21	22	39	46	37	45	44	37	13	9	18	9	37	38	28	41	27	28	38	47	41	32		
P240	9 Latham Tce, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	12	42	45	40	8	22	23	40	47	38	46	45	38	14	10	19	10	38	39	34	47	33	34	40	49	43	34		
P241	1 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	24	40	43	38	19	36	37	39	46	37	45	44	37	14	10	19	10	35	36	33	46	32	33	38	47	41	32		
P242	10 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	24	41	44	39	19	33	34	41	48	39	47	46	39	20	16	25	16	38	39	36	49	35	36	42	51	45	36		
P243	11 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	22	38	41	36	18	31	32	36	43	34	42	41	34	18	14	23	14	32	33	34	47	33	34	35	44	38	29		
P244	12 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	10	35	38	33	6	26	27	33	40	31	39	38	31	6	2	11	2	30	31	30	43	29	30	33	42	36	27		
P245	13 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	20	37	40	35	16	31	32	35	42	33	41	40	33	15	11	20	11	33	34	33	46	32	33	35	44	38	29		
P246	14 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	12	36	39	34	8	28	29	34	41	32	40	39	32	18	14	23	14	29	30	32	45	31	32	33	42	36	27		
P247	15 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	13	39	42	37	8	33	34	37	44	35	43	42	35	16	12	21	12	35	36	34	47	33	34	40	49	43	34		
P248	16 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	12	27	30	25	8	27	28	33	40	31	39	38	31	17	13	22	13	22	23	30	43	29	30	29	38	32	23		
P249	17 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	22	39	42	37	15	31	32	37	44	35	43	42	35	20	16	25	16	35	36	34	47	33	34	38	47	41	32		
P250	18 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	18	36	39	34	14	29	30	35	42	33	41	40	33	17	13	22	13	32	33	30	43	29	30	36	45	39	30		
P251	19 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	21	39	42	37	17	31	32	37	44	35	43	42	35	19	15	24	15	35	36	34	47	33	34	39	48	42	33		
P252	2 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	15	29	21	29	32	27	16	28	29	35	42	33	41	40	33	23	19	28	19	23	24	33	46	32	33	28	37	31	22		
P253	20 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	11	42	45	40	6	31	32	43	50	41	49	48	41	6	2	11	2	39	40	35	48	34	35	43	52	46	37		
P254	21 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	23	39	42	37	18	29	30	37	44	35	43	42	35	16	12	21	12	35	36	34	47	33	34	39	48	42	33		
P255	22 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	13	31	34	29	9	28	29	30	37	28	36	35	28	10	6	15	6	26	27	26	39	25	26	31	40	34	25		
P256	23 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	28	39	42	37	24	30	31	37	44	35	43	42	35	23	19	28	19	34	35	34	47	33	34	38	47	41	32		
P257	24 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	19	33	36	31	14	25	26	31	38	29	37	36	29	14	10	19	10	29	30	27	40	26	27	31	40	34	25		
P258	25 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	19	39	42	37	15	36	37	37	44	35	43	42	35	7	3	12	3	35	36	34	47	33	34	38	47	41	32		
P259	26 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	26	37	40	35	21	29	30	35	42	33	41	40	33	22	18	27	18	33	34	32	45	31	32	35	44	38	29		
P260	27 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	12	38	41	36	8	32	33	36	43	34	42	41	34	18	14	23	14	34	35	33	46	32	33	37	46	40	31		
P261	29 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	25	38	41	36	20	27	28	36	43	34	42	41	34	22	18	27	18	33	34	34	47	33	34	36	45	39	30		
P262	3 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	10	24	21	36	39	34	13	33	34	34	41	32	40	39	32	18	14	23	14	20	21	18	31	17	18	34	43	37	28		
P263	4 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	10	40	43	38	5	30	31	38	45	36	44	43	36	5	1	10	1	36	37	32	45	31	32	40	49	43	34		
P264	4 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	11	40	43	38	6	32	33	38	45	36	44	43	36	20	16	25	16	36	37	35	48	34	35	41	50	44	35		
P265	5 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	19	39	42	37	15	31	32	37	44	35	43	42	35	19	15	24	15	35	36	34	47	33	34	38	47	41	32		
P266	6 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	12	26	10	39	42	37	5	28	29	41	48	39	47	46	39	14	10	19	10	29	30	39	52	38	39	34	43	37	28		
P267	7 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	20	35	38	33	16	32	33	35	42	33	41	40	33	6	2	11	2	32	33	32	45	31	32	36	45	39	30		
P268	8 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	26	43	46	41	22	31	32	40	47	38	46	45	38	22	18	27	18	36	37	38	51	37	38	41	50	44	35		
P269	9 Lewis Way, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	18	40	43	38	14	31	32	38	45	36	44	43	36	5	1	10	1	36	37	31	44	30	31	40	49	43	34		
P270	1 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	20	38	41	36	16	27	28	36	43	34	42	41	34	18	14	23	14	31	32	34	47	33	34	35	44	38	29		
P271	10 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	27	37	40	35	22	34	35	45	52	43	51	50	43	21	17	26	17	31	32	35	48	34	35	47	56	50	41		
P272	13 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	18	44	47	42	14	30	31	43	50	41	49	48	41	21	17	26	17	40	41	40	53	39	40	42	51	45	36		
P273	14 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	32	46	27	40	43	38	22	36	37	46	53	44	52	51	44	21	17	26	17	34	35	36	49	35	36	47	56	50	41		
P274	15 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	32	46	24	39	42	37	20	35	36	39	46	37	45	44	37	22	18	27	18	32	33	36	49	35	36	38	47	41	32		
P275	17 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	26	43	46	41	22	26	27	41	48	39	47	46	39	13	9	18	9	33	34	36	49	35	36	41	50	44	35		
P276	19 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	17	39	42	37	10	20	21	37	44	35	43	42	35	14	10	19	10	35	36	24	37	23	24	37	46	40	31		
P277	2 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	19	42	45	40	15	29	30	41	48	39	47	46	39	18	14	23	14	39	40	33	46	32	33	40	49	43	34		
P278	20 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	31	45	27	38	41	36	23	36	37	44	51	42	50	49	42	21	17	26	17	31	32	35	48	34	35	46	55	49	40		
P279	20 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	17	47	50	45	13	19	20	43	50	41	49	48	41	18	14	23	14	41	42	40	53	39	40	46	55	49	40		
P280	21 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	23	45	48	43	19	19	20	42	49	40	48	47	40	19	15	24	15	28	29	39	52	38	39	43	52	46	37		
P281	22 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	22	45	48	43	18	28	29	41	48	39	47	46	39	17	13	22	13	36	37	37	50	36	37	45	54	48	39		
P282	22 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	19	44	47	42	14	18	19	43	50	41	49	48	41	15	11	20	11	41	42	38	51	37	38	43	52	46	37		
P283	23 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	22	42	45	40	18	23	24	41	48	39	47	46	39	18	14	23	14	34	35	39	52	38	39	40	49	43	34		
P284	23 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	13	41	44	39	9	18	19	39	46	37	45	44	37	7	3	12	3	27	28	37	50	36	37	40	49	43	34		
P285	23 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	27	39	42	37	23	27	28	41	48	39	47	46	39	21	17	26	17	37	38	34	47	33	34	40	49	43	34		
P286	24 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	20	41	44	39	16	29	30	44	51	42	50	49	42	16	12	21	12	32	33	36	49	35	36	45	54	48	39		
P287	24 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	21	30	33	28	14	28	29	28	35	26	34	33	26	15	11	20	11	26	27	24	37	23	24	31	40	34	25		
P288	25 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	20	44	47	42	17	18	19	43	50	41	49	48	41	17	13	22	13	41	42	38	51	37	38	43	52	46	37		
P289	26 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	16	48	51	46	12	21	22	46	53	44	52	51	44	9	5	14	5	44	45	40	53	39	40	48	57	51	42		
P290	26 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	18	46	49	44	8	26	27	44	51	42	50	49	42	16	12	21	12	41	42	40	53	39	40	48	57	51	42		
P291	5 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	22	30	33	28	18	26	27	28	35	26	34	33	26	22	18	27	18	26	27	25	38	24	25	31	40	34	25		
P292	7 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	23	37	40	35	19	29	30	35	42	33	41	40	33	14	10	19	10	31	32	32	45	31	32	36	45	39	30		
P293	8 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	24	36	39	34	20	29	30	35	42	33	41	40	33	18	14	23	14	31	32	33	46	32	33	41	50	44	35		
P294	9 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	23	33	36	31	19	26	27	33	40	31	39	38	31	18	14	23	14	29	30	27	40	26	27	31	40	34	25		
P295	9 Manton Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	24	39	42	37	20	31	32	37	44	35	43	42	35	18	14	23	14	35	36	35	48	34	35	37	46	40	31		
P296	1 Monterey St, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	15	44	47	42	11	34	35	49	56	47	55	54	47	22	18	27	18	45	46	38	51	37	38	49	58	52	43		
P297	2 Monterey St, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	26	38	41	36	22	35	36	41	48	39	47	46	39	23	19	28	19	30	31	34	47	33	34	43	52	46	37		
P298	2 Monterey St, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	12	44	47	42	8	34	35	42	49	40	48	47	40	7	3	12	3	40	41	38	51	37	38	43	52	46	37		
P299	3 Monterey St, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	12	44	47	42	8	34	35	42	49	40	48	47	40	8	4	13	4	40	41	39	52	38	39	43	52	46	37		
P300	3 Monterey St, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	12	38	41	36	8	28	29	41	48	39	47	46	39	17	13	22	13	35	36	30	43	29	30	40	49	43	34		
P301	4 Monterey St, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	22	36	39	34	18	30	31	39	46	37	45	44	37	17	13	22	13	27	28	31	44	30	31	40	49	43	34		
P302	6 Monterey St, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	24	41	44	39	20	33	34	42	49	40	48	47	40	19	15	24	15	39	40	34	47	33	34	42	51	45	36		
P303	1 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	21	41	44	39	11	29	30	41	48	39	47	46	39	9	5	14	5	38	39	37	50	36	37	42	51	45	36		
P304	1 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	27	38	41	36	23	34	35	42	49	40	48	47	40	22	18	27	18	35	36	34	47	33	34	43	52	46	37		
P305	10 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	27	37	40	35	23	34	35	42	49	40	48	47	40	22	18	27	18	35	36	34	47	33	34	43	52	46	37		
P306	11 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	12	41	44	39	8	19	20	39	46	37	45	44	37	18	14	23	14	37	38	36	49	35	36	39	48	42	33		
P307	12 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	13	43	46	41	9	33	34	42	49	40	48	47	40	8	4	13	4	40	41	35	48	34	35	42	51	45	36		
P308	13 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	21	43	46	41	17	35	36	41	48	39	47	46	39	21	17	26	17	39	40	37	50	36	37	43	52	46	37		
P309	15 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	24	40	43	38	20	26	27	37	44	35	43	42	35	18	14	23	14	35	36	35	48	34	35	38	47	41	32		
P310	16 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	22	43	46	41	18	29	30	41	48	39	47	46	39	16	12	21	12	39	40	32	45	31	32	42	51	45	36		
P311	16 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	12	42	45	40	8	30	31	40	47	38	46	45	38	7	3	12	3	38	39	37	50	36	37	41	50	44	35		
P312	2 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	12	41	44	39	8	33	34	41	48	39	47	46	39	21	17	26	17	38	39	36	49	35	36	41	50	44	35		
P313	3 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	28	42	27	39	42	37	23	31	32	42	49	40	48	47	40	23	19	28	19	39	40	35	48	34	35	42	51	45	36		
P314	4 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	25	36	39	34	21	31	32	37	44	35	43	42	35	22	18	27	18	33	34	32	45	31	32	38	47	41	32		
P315	4 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	30	44	17	38	41	36	13	30	31	38	45	36	44	43	36	17	13	22	13	32	33	34	47	33	34	38	47	41	32		
P316	5 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	12	26	13	40	43	38	9	22	23	40	47	38	46	45	38	19	15	24	15	37	38	33	46	32	33	40	49	43	34		
P317	6 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	21	43	46	41	17	29	30	41	48	39	47	46	39	16	12	21	12	38	39	34	47	33	34	41	50	44	35		
P318	7 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	14	28	15	41	44	39	11	17	18	39	46	37	45	44	37	21	17	26	17	37	38	35	48	34	35	39	48	42	33		
P319	8 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	12	38	41	36	8	30	31	40	47	38	46	45	38	8	4	13	4	38	39	32	45	31	32	39	48	42	33		
P320	9 Moulton Av, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	15	39	42	37	8	32	33	40	47	38	46	45	38	8	4	13	4	41	42	35	48	34	35	41	50	44	35		
P321	1 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	29	43	27	38	41	36	22	35	36	39	46	37	45	44	37	22	18	27	18	35	36	35	48	34	35	38	47	41	32		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
P322	1 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	19	44	47	42	16	30	31	41	48	39	47	46	39	19	15	24	15	38	39	37	50	36	37	46	55	49	40		
P323	11 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	27	41	26	45	48	43	22	32	33	42	49	40	48	47	40	21	17	26	17	38	39	40	53	39	40	44	53	47	38		
P324	13 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	17	31	13	31	34	29	8	21	22	33	40	31	39	38	31	18	14	23	14	25	26	30	43	29	30	31	40	34	25		
P325	15 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	28	30	33	28	23	19	20	29	36	27	35	34	27	23	19	28	19	24	25	24	37	23	24	28	37	31	22		
P326	17 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	14	28	31	26	10	22	23	33	40	31	39	38	31	18	14	23	14	22	23	31	44	30	31	31	40	34	25		
P327	19 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	26	40	13	43	46	41	9	30	31	41	48	39	47	46	39	21	17	26	17	36	37	39	52	38	39	41	50	44	35		
P328	21 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	16	30	18	29	32	27	14	27	28	30	37	28	36	35	28	14	10	19	10	28	29	24	37	23	24	29	38	32	23		
P329	23 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	22	36	39	34	18	29	30	35	42	33	41	40	33	16	12	21	12	33	34	27	40	26	27	35	44	38	29		
P330	25 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	25	39	28	38	41	36	23	28	29	36	43	34	42	41	34	22	18	27	18	34	35	33	46	32	33	38	47	41	32		
P331	27 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	21	35	11	31	34	29	6	27	28	30	37	28	36	35	28	16	12	21	12	27	28	27	40	26	27	30	39	33	24		
P332	29 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	8	22	13	29	32	27	8	19	20	29	36	27	35	34	27	9	5	14	5	17	18	19	32	18	19	28	37	31	22		
P333	3 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	18	34	37	32	12	31	32	33	40	31	39	38	31	16	12	21	12	29	30	19	32	18	19	33	42	36	27		
P334	31 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	18	32	22	31	34	29	18	22	23	30	37	28	36	35	28	18	14	23	14	27	28	22	35	21	22	29	38	32	23		
P335	35 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	16	37	40	35	7	30	31	34	41	32	40	39	32	19	15	24	15	30	31	32	45	31	32	33	42	36	27		
P336	35 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	24	38	22	37	40	35	17	27	28	35	42	33	41	40	33	17	13	22	13	33	34	32	45	31	32	36	45	39	30		
P337	37 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	24	33	36	31	19	28	29	32	39	30	38	37	30	20	16	25	16	29	30	30	43	29	30	32	41	35	26		
P338	39 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	20	35	38	33	16	31	32	33	40	31	39	38	31	17	13	22	13	31	32	31	44	30	31	33	42	36	27		
P339	41 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	21	36	39	34	17	26	27	34	41	32	40	39	32	16	12	21	12	32	33	32	45	31	32	35	44	38	29		
P340	43 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	9	36	39	34	3	29	30	34	41	32	40	39	32	18	14	23	14	32	33	31	44	30	31	36	45	39	30		
P341	47 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	21	35	38	33	4	27	28	33	40	31	39	38	31	18	14	23	14	31	32	31	44	30	31	33	42	36	27		
P342	47 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	22	36	19	35	38	33	15	25	26	33	40	31	39	38	31	9	5	14	5	30	31	31	44	30	31	32	41	35	26		
P343	49 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	14	34	37	32	7	27	28	32	39	30	38	37	30	15	11	20	11	27	28	30	43	29	30	31	40	34	25		
P344	5 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	23	37	22	38	41	36	18	31	32	37	44	35	43	42	35	19	15	24	15	31	32	27	40	26	27	37	46	40	31		
P345	7 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	13	27	23	30	33	28	17	27	28	30	37	28	36	35	28	21	17	26	17	27	28	28	41	27	28	29	38	32	23		
P346	9 Newington Bvd, Newington Nsw 2127			P	Residential	54	49	50	44	20	34	23	28	31	26	19	23	24	27	34	25	33	32	25	15	11	20	11	25	26	24	37	23	24	27	36	30	21		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
S046	38 Albion Street Harris Park			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S047	4 Albion Street Harris Park			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S048	40 Albion Street Harris Park	True Jesus Church		S	Place of worship	55	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S049	41 Albion Street Harris Park			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S050	41 Albion Street Harris Park			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S051	42 Albion Street Harris Park			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S052	43 Albion Street Harris Park	1 Charles Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S053	44 Albion Street Harris Park	1 Charles Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S054	45 Albion Street Harris Park			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S055	46 Albion Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	26	33	24	32	31	24	0	0	0	0	0	0	0	0	0	0	26	35	29	20		
S056	47 Albion Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	47	54	45	53	52	45	0	0	0	0	0	0	0	0	0	0	46	55	49	40		
S057	5 Albion Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	27	34	25	33	32	25	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S058	5 Albion Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	26	33	24	32	31	24	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S059	50 Albion Street Harris Park	38 Charles Street Parramatta		S	Non-sensitive	121	0	0	0	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	24	33	27	18		
S060	51 Albion Street Harris Park			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S061	52 Albion Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	27	34	25	33	32	25	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S062	6 Albion Street Harris Park			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	49	56	47	55	54	47	0	0	0	0	0	0	0	0	0	0	49	58	52	43		
S063	7 Albion Street Harris Park	104-108 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	26	33	24	32	31	24	0	0	0	0	0	0	0	0	0	0	26	35	29	20		
S064	7 Albion Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	52	59	50	58	57	50	0	0	0	0	0	0	0	0	0	0	52	61	55	46		
S065	8 Albion Street Harris Park	109 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	44	51	42	50	49	42	0	0	0	0	0	0	0	0	0	0	48	57	51	42		
S066	9 Albion Street Harris Park	110-112 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S067	102 Harris Street Harris Park	113 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	52	59	50	58	57	50	0	0	0	0	0	0	0	0	0	0	52	61	55	46		
S068	104 Harris Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	45	52	43	51	50	43	0	0	0	0	0	0	0	0	0	0	44	53	47	38		
S069	104 Harris Street Harris Park	126 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	53	60	51	59	58	51	0	0	0	0	0	0	0	0	0	0	53	62	56	47		
S070	108 Harris Street Harris Park	127 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	55	62	53	61	60	53	0	0	0	0	0	0	0	0	0	0	54	63	57	48		
S071	110 Harris Street Harris Park	135 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	47	54	45	53	52	45	0	0	0	0	0	0	0	0	0	0	46	55	49	40		
S072	112 Harris Street Harris Park	136 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	50	57	48	56	55	48	0	0	0	0	0	0	0	0	0	0	52	61	55	46		
S073	112 Harris Street Harris Park	137 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	56	63	54	62	61	54	0	0	0	0	0	0	0	0	0	0	55	64	58	49		
S074	114 Harris Street Harris Park	140 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	53	60	51	59	58	51	0	0	0	0	0	0	0	0	0	0	52	61	55	46		
S075	116 Harris Street Harris Park	142 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	56	65	59	50		
S076	56 Harris Street Harris Park	143 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	58	67	61	52		
S077	58 Harris Street Harris Park	151 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	54	61	52	60	59	52	0	0	0	0	0	0	0	0	0	0	52	61	55	46		
S078	60 Harris Street Harris Park	181 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	55	62	53	61	60	53	0	0	0	0	0	0	0	0	0	0	54	63	57	48		
S079	62 Harris Street Harris Park	181 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	60	67	58	66	65	58	0	0	0	0	0	0	0	0	0	0	58	67	61	52		
S080	64 Harris Street Harris Park	188 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	66	73	64	72	71	64	0	0	0	0	0	0	0	0	0	0	65	74	68	59		
S081	66 Harris Street Harris Park	195 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	76	83	74	82	81	74	0	0	0	0	0	0	0	0	0	0	74	83	77	68		
S082	68 Harris Street Harris Park	ST JOHNS CHURCH		S	Place of worship	55	0	0	0	0	5	0	0	0	0	0	0	0	47	54	45	53	52	45	0	0	0	0	0	0	0	0	0	0	46	55	49	40		
S083	70 Harris Street Harris Park	195 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	70	77	68	76	75	68	0	0	0	0	0	0	0	0	0	0	70	79	73	64		
S084	72 Harris Street Harris Park	195 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	65	72	63	71	70	63	0	0	0	0	0	0	0	0	0	0	65	74	68	59		
S085	74 Harris Street Harris Park	197 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	71	78	69	77	76	69	0	0	0	0	0	0	0	0	0	0	70	79	73	64	X	
S086	76 Harris Street Harris Park	198 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	75	82	73	81	80	73	0	0	0	0	0	0	0	0	0	0	78	87	81	72	X	
S087	78 Harris Street Harris Park	202 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	81	88	79	87	86	79	0	0	0	0	0	0	0	0	0	0	81	90	84	75	X	
S088	80 Harris Street Harris Park	210 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	80	87	78	86	85	78	0	0	0	0	0	0	0	0	0	0	95	104	98	89	X	
S089	82 Harris Street Harris Park	University of New England		S	Educational institute	55	0	0	0	0	5	0	0	0	0	0	0	0	77	84	75	83	82	75	0	0	0	0	0	0	0	0	0	0	84	93	87	78		
S090	84 Harris Street Harris Park	216 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	72	79	70	78	77	70	0	0	0	0	0	0	0	0	0	0	74	83	77	68	X	
S091	86 Harris Street Harris Park	220 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	75	82	73	81	80	73	0	0	0	0	0	0	0	0	0	0	80	89	83	74		
S092	88 Harris Street Harris Park	221 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	74	81	72	80	79	72	0	0	0	0	0	0	0	0	0	0	77	86	80	71		
S093	90 Harris Street Harris Park	222 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	68	75	66	74	73	66	0	0	0	0	0	0	0	0	0	0	69	78	72	63		
S094	94 Harris Street Harris Park	235 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	68	75	66	74	73	66	0	0	0	0	0	0	0	0	0	0	69	78	72	63		
S095	96 Harris Street Harris Park	235 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	64	71	62	70	69	62	0	0	0	0	0	0	0	0	0	0	65	74	68	59		
S096	98 Harris Street Harris Park	238 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	42	49	40	48	47	40	0	0	0	0	0	0	0	0	0	0	43	52	46	37		
S097	12 Kendall Street Harris Park	239 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	70	77	68	76	75	68	0	0	0	0	0	0	0	0	0	0	72	81	75	66		
S098	14 Kendall Street Harris Park	240 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	60	67	58	66	65	58	0	0	0	0	0	0	0	0	0	0	60	69	63	54		
S099	18 Kendall Street Harris Park	244 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	69	76	67	75	74	67	0	0	0	0	0	0	0	0	0	0	71	80	74	65		
S100	20-24 Kendall Street Harris Park	255 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	67	74	65	73	72	65	0	0	0	0	0	0	0	0	0	0	69	78	72	63		
S101	8-10 Kendall Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	58	67	61	52		
S102	42 Marion Street Harris Park	256 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	39	46	37	45	44	37	0	0	0	0	0	0	0	0	0	0	38	47	41	32		
S103	44 Marion Street Harris Park	257 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	65	72	63	71	70	63	0	0	0	0	0	0	0	0	0	0	66	75	69	60		
S104	46 Marion Street Harris Park	257a Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	57	66	60	51		
S105	48 Marion Street Harris Park	261 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	37	44	35	43	42	35	0	0	0	0	0	0	0	0	0	0	37	46	40	31		
S106	50 Marion Street Harris Park	262 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	57	66	60	51		
S107	52 Marion Street Harris Park	264 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	64	71	62	70	69	62	0	0	0	0	0	0	0	0	0	0	64	73	67	58		
S108	56 Marion Street Harris Park	267 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	62	69	60	68	67	60	0	0	0	0	0	0	0	0	0	0	63	72	66	57		
S109	58 Marion Street Harris Park	272 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	56	63	54	62	61	54	0	0	0	0	0	0	0	0	0	0	56	65	59	50		
S110	58 Marion Street Harris Park	275 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	59	66	57	65	64	57	0	0	0	0	0	0	0	0	0	0	60	69	63	54		
S111	60 Marion Street Harris Park	277 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	55	62	53	61	60	53	0	0	0	0	0	0	0	0	0	0	55	64	58	49		
S112	12A Parkes Street Harris Park	278 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	55	62	53	61	60	53	0	0	0	0	0	0	0	0	0	0	55	64	58	49		
S113	13 Parkes Street Harris Park	279 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	59	68	62	53		
S114	14 Parkes Street Harris Park	284 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	55	62	53	61	60	53	0	0	0	0	0	0	0	0	0	0	54	63	57	48		
S115	15 Parkes Street Harris Park	286 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	58	67	61	52		
S116	17 Parkes Street Harris Park	292 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	57	66	60	51		
S117	19 Parkes Street Harris Park	295 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	56	65	59	50		
S118	20 Parkes Street Harris Park	298 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	52	59	50	58	57	50	0	0	0	0	0	0	0	0	0	0	52	61	55	46		
S119	21 Parkes Street Harris Park	302 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	56	65	59	50		
S120	22 Parkes Street Harris Park	308 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	55	64	58	49		
S121	24 Parkes Street Harris Park	311-313 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	56	63	54	62	61	54	0	0	0	0	0	0	0	0	0	0	55	64	58	49		
S122	30 Parkes Street Harris Park	312 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	52	59	50	58	57	50	0	0	0	0	0	0	0	0	0	0	51	60	54	45		
S123	7F Parkes Street Harris Park	316 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	55	62	53	61	60	53	0	0	0	0	0	0	0	0	0	0	53	62	56	47		
S124	7F Parkes Street Harris Park	317 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	50	57	48	56	55	48	0	0	0	0	0	0	0	0	0	0	50	59	53	44		
S125	9 Parkes Street Harris Park	320 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	50	57	48	56	55	48	0	0	0	0	0	0	0	0	0	0	50	59	53	44		
S126	9 Parkes Street Harris Park	321 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S127	14 Station Street Harris Park	323 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	51	58	49	57	56	49	0	0	0	0	0	0	0	0	0	0	51	60	54	45		
S128	14 Station Street Harris Park	325 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	51	58	49	57	56	49	0	0	0	0	0	0	0	0	0	0	50	59	53	44		
S129	22 Station Street Harris Park	328 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	50	57	48	56	55	48	0	0	0	0	0	0	0	0	0	0	50	59	53	44		
S130	28 Station Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	37	44	35	43	42	35	0	0	0	0	0	0	0	0	0	0	37	46	40	31		
S131	28 Station Street Harris Park	331 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	43	50	41	49	48	41	0	0	0	0	0	0	0	0	0	0	42	51	45	36		
S132	32-34 Station Street Harris Park	The Lennox		S	Hotel	70	0	0	0	0	5	0	0	0	0	0	0	0	50	57	48	56	55	48	0	0	0	0	0	0	0	0	0	0	50	59	53	44		
S133	38 Station Street Harris Park	87 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	48	55	46	54	53	46	0	0	0	0	0	0	0	0	0	0	48	57	51	42		
S134	44 Station Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	41	48	39	47	46	39	0	0	0	0	0	0	0	0	0	0	42	51	45	36		
S135	46 Station Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	48	55	46	54	53	46	0	0	0	0	0	0	0	0	0	0	47	56	50	41		
S136	46 Station Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S137	48 Station Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	48	55	46	54	53	46	0	0	0	0	0	0	0	0	0	0	46	55	49	40		
S138	52 Station Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S139	56 Station Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	49	56	47	55	54	47	0	0	0	0	0	0	0	0	0	0	49	58	52	43		
S140	8 Station Street Harris Park	10 Darcy Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S141	8 Una Street Harris Park	182 Church St Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	56	63	54	62	61	54	0	0	0	0	0	0	0	0	0	0	55	64	58	49		
S142	101 Wigram Street Harris Park	6 & 8 Parramatta Square		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	60	67	58	66	65	58	0	0	0	0	0	0	0	0	0	0	58	67	61	52		
S143	101 Wigram Street Harris Park	4 Parramatta Square		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	68	75	66	74	73	66	0	0	0	0	0	0	0	0	0	0	67	76	70	61		
S144	103 Wigram Street Harris Park	21 Darcy Street Parramatta		S	Non-sensitive	121	0	0	0	0	5	0	0	0	0	0	0	0	62	69	60	68	67	60	0	0	0	0	0	0	0	0	0	0	60	69	63	54		
S145	103 Wigram Street Harris Park	21 Darcy Street Parramatta		S	Non-sensitive	121	0	0	0	0	5	0	0	0	0	0	0	0	37	44	35	43	42	35	0	0	0	0	0	0	0	0	0	0	35	44	38	29		
S146	104-108 Wigram Street Harris Park	21 Darcy Street Parramatta		S	Non-sensitive	121	0	0	0	0	5	0	0	0	0	0	0	0	36	43	34	42	41	34	0	0	0	0	0	0	0	0	0	0	35	44	38	29		
S147	104-108 Wigram Street Harris Park	1 Fitzwilliam Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	36	43	34	42	41	34	0	0	0	0	0	0	0	0	0	0	36	45	39	30		
S148	105 Wigram Street Harris Park	100 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S149	105 Wigram Street Harris Park	100 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S150	109 Wigram Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	37	46	40	31		
S151	110-114 Wigram Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S152	110-114 Wigram Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S153	111 Wigram Street Harris Park	110 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	26	33	24	32	31	24	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S154	116 Wigram Street Harris Park	12 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S155	124 Wigram Street Harris Park	12 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	49	56	47	55	54	47	0	0	0	0	0	0	0	0	0	0	56	65	59	50		
S156	124 Wigram Street Harris Park	130 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	53	60	51	59	58	51	0	0	0	0	0	0	0	0	0	0	59	68	62	53		
S157	55 Wigram Street Harris Park	130 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S158	61 Wigram Street Harris Park	135 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S159	62-64 Wigram Street Harris Park	135 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	23	30	21	29	28	21	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S160	63 Wigram Street Harris Park	140 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	20	27	18	26	25	18	0	0	0	0	0	0	0	0	0	0	20	29	23	14		
S161	65 Wigram Street Harris Park	150 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S162	66 Wigram Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S163	67A Wigram Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	41	48	39	47	46	39	0	0	0	0	0	0	0	0	0	0	40	49	43	34		
S164	69 Wigram Street Harris Park			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	24	31	22	30	29	22	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S165	69 Wigram Street Harris Park	19 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	24	31	22	30	29	22	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S166	70 Wigram Street Harris Park	19 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	61	68	59	67	66	59	0	0	0	0	0	0	0	0	0	0	68	77	71	62		
S167	72 Wigram Street Harris Park	19 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	61	68	59	67	66	59	0	0	0	0	0	0	0	0	0	0	68	77	71	62		
S168	73 Wigram Street Harris Park	190 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	64	71	62	70	69	62	0	0	0	0	0	0	0	0	0	0	69	78	72	63		
S169	73A Wigram Street Harris Park	190 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	23	30	21	29	28	21	0	0	0	0	0	0	0	0	0	0	21	30	24	15		
S170	74 Wigram Street Harris Park	2 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	24	31	22	30	29	22	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S171	75 Wigram Street Harris Park	21 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	37	44	35	43	42	35	0	0	0	0	0	0	0	0	0	0	38	47	41	32		
S172	75 Wigram Street Harris Park	28 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	43	50	41	49	48	41	0	0	0	0	0	0	0	0	0	0	45	54	48	39		
S173	76 Wigram Street Harris Park	2a George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S174	76 Wigram Street Harris Park	30 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	36	43	34	42	41	34	0	0	0	0	0	0	0	0	0	0	36	45	39	30		
S175	77 Wigram Street Harris Park	38 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	50	57	48	56	55	48	0	0	0	0	0	0	0	0	0	0	53	62	56	47		
S176	77 Wigram Street Harris Park	4 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	40	49	43	34		
S177	77 Wigram Street Harris Park	4 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	38	45	36	44	43	36	0	0	0	0	0	0	0	0	0	0	42	51	45	36		
S178	78 Wigram Street Harris Park	41-59 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	39	46	37	45	44	37	0	0	0	0	0	0	0	0	0	0	38	47	41	32		
S179	79 Wigram Street Harris Park	41-59 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	43	50	41	49	48	41	0	0	0	0	0	0	0	0	0	0	43	52	46	37		
S180	80 Wigram Street Harris Park	46 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	42	49	40	48	47	40	0	0	0	0	0	0	0	0	0	0	43	52	46	37		
S181	80 Wigram Street Harris Park	48 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	39	46	37	45	44	37	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S182	80 Wigram Street Harris Park	48 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	39	46	37	45	44	37	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S183	81 Wigram Street Harris Park	52 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	46	53	44	52	51	44	0	0	0	0	0	0	0	0	0	0	45	54	48	39		
S184	82 Wigram Street Harris Park	6 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	38	45	36	44	43	36	0	0	0	0	0	0	0	0	0	0	37	46	40	31		
S185	83 Wigram Street Harris Park	6 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	58	67	61	52		
S186	84 Wigram Street Harris Park	6 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	36	43	34	42	41	34	0	0	0	0	0	0	0	0	0	0	35	44	38	29		
S187	84 Wigram Street Harris Park	61b George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	41	50	44	35		
S188	84 Wigram Street Harris Park	69 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	39	46	37	45	44	37	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S189	85 Wigram Street Harris Park	71 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	41	48	39	47	46	39	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S190	85 Wigram Street Harris Park	73 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	55	64	58	49		
S191	86 Wigram Street Harris Park	75 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	36	43	34	42	41	34	0	0	0	0	0	0	0	0	0	0	36	45	39	30		
S192	87 Wigram Street Harris Park	79 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	51	58	49	57	56	49	0	0	0	0	0	0	0	0	0	0	46	55	49	40		
S193	89 Wigram Street Harris Park	80 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S194	90 Wigram Street Harris Park	81 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	45	52	43	51	50	43	0	0	0	0	0	0	0	0	0	0	45	54	48	39		
S195	91 Wigram Street Harris Park	83 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S196	93 Wigram Street Harris Park	85 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S197	93 Wigram Street Harris Park	85 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S198	94 Wigram Street Harris Park	89 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S199	94 Wigram Street Harris Park	89 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S200	95 Wigram Street Harris Park	9 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S201	96 Wigram Street Harris Park	9 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	52	59	50	58	57	50	0	0	0	0	0	0	0	0	0	0	51	60	54	45		
S202	97 Wigram Street Harris Park	90 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	43	50	41	49	48	41	0	0	0	0	0	0	0	0	0	0	45	54	48	39		
S203	99 Wigram Street Harris Park	91 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S204	Jubilee Lane Harris Park	91 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S205	Jubilee Lane Harris Park	93 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S206	5 Aird Street Parramatta	95-101 George Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S207	7 Aird Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S208	18 Anderson Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S209	18 Anderson Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S210	1 Argyle Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S211	15-17 Argyle Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S212	19 Argyle Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S213	21 Argyle Street Parramatta	Parramatta City Motel		S	Hotel	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S214	25 Argyle Street Parramatta	6 Great Western Highway Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S215	25 Argyle Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	26	35	29	20		
S216	33 Argyle Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S217	5 Argyle Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S218	7 Argyle Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S219	9 Argyle Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S220	3 Barrack Lane Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S221	#N/A			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S222	#N/A			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	27	34	25	33	32	25	0	0	0	0	0	0	0	0	0	0	26	35	29	20		
S223	#N/A			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S224	#N/A			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S225	#N/A			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	27	34	25	33	32	25	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S226	1 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S227	1 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S228	1-7 Bobart Street Parramatta	14 Hassall Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	26	33	24	32	31	24	0	0	0	0	0	0	0	0	0	0	26	35	29	20		
S229	10 Bobart Street Parramatta			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	27	34	25	33	32	25	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S230	12 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S231	14 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	24	31	22	30	29	22	0	0	0	0	0	0	0	0	0	0	24	33	27	18		
S232	16 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	24	31	22	30	29	22	0	0	0	0	0	0	0	0	0	0	24	33	27	18		
S233	16 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	24	31	22	30	29	22	0	0	0	0	0	0	0	0	0	0	24	33	27	18		
S234	16 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S235	16 Bobart Street Parramatta	2a Hassall Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	23	30	21	29	28	21	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S236	18 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S237	18 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	24	31	22	30	29	22	0	0	0	0	0	0	0	0	0	0	24	33	27	18		
S238	18 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	23	30	21	29	28	21	0	0	0	0	0	0	0	0	0	0	22	31	25	16		
S239	18 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	23	30	21	29	28	21	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S240	2 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	22	29	20	28	27	20	0	0	0	0	0	0	0	0	0	0	22	31	25	16		
S241	4 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	39	46	37	45	44	37	0	0	0	0	0	0	0	0	0	0	38	47	41	32		
S242	6 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	23	30	21	29	28	21	0	0	0	0	0	0	0	0	0	0	22	31	25	16		
S243	8 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S244	9 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	22	29	20	28	27	20	0	0	0	0	0	0	0	0	0	0	22	31	25	16		
S245	9 Bobart Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	22	29	20	28	27	20	0	0	0	0	0	0	0	0	0	0	22	31	25	16		
S246	1 Campbell Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	22	29	20	28	27	20	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S247	12 Campbell Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S248	14 Campbell Street Parramatta	1 Horwood Place Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S249	15 Campbell Street Parramatta	1 Horwood Place Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	44	51	42	50	49	42	0	0	0	0	0	0	0	0	0	0	40	49	43	34		
S250	15 Campbell Street Parramatta	1 Horwood Place Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S251	16 Campbell Street Parramatta	2 Horwood Place Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S252	17 Campbell Street Parramatta	3 Horwood Place Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	37	44	35	43	42	35	0	0	0	0	0	0	0	0	0	0	36	45	39	30		
S253	19 Campbell Street Parramatta	1 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	45	52	43	51	50	43	0	0	0	0	0	0	0	0	0	0	44	53	47	38		
S254	2-6 Campbell Street Parramatta	11 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S255	23 Campbell Street Parramatta	15 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S256	24 Campbell Street Parramatta	16 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	35	44	38	29		
S257	25 Campbell Street Parramatta	16 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	38	45	36	44	43	36	0	0	0	0	0	0	0	0	0	0	40	49	43	34		
S258	29 Campbell Street Parramatta	16 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	38	45	36	44	43	36	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S259	3 Campbell Street Parramatta	17-21 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	39	46	37	45	44	37	0	0	0	0	0	0	0	0	0	0	40	49	43	34		
S260	31 Campbell Street Parramatta	17-21 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	35	44	38	29		
S261	31 Campbell Street Parramatta	2 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	35	44	38	29		
S262	33 Campbell Street Parramatta	20 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S263	35 Campbell Street Parramatta	22 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	39	46	37	45	44	37	0	0	0	0	0	0	0	0	0	0	41	50	44	35		
S264	37 Campbell Street Parramatta	24 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	42	51	45	36		
S265	39 Campbell Street Parramatta	27 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	41	48	39	47	46	39	0	0	0	0	0	0	0	0	0	0	43	52	46	37		
S266	41 Campbell Street Parramatta	29 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	35	42	33	41	40	33	0	0	0	0	0	0	0	0	0	0	36	45	39	30		
S267	43 Campbell Street Parramatta	38 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	38	47	41	32		
S268	47 Campbell Street Parramatta	4-14 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	76	83	74	82	81	74	0	0	0	0	0	0	0	0	0	0	75	84	78	69		
S269	5-7 Campbell Street Parramatta	41 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	38	45	36	44	43	36	0	0	0	0	0	0	0	0	0	0	57	66	60	51		
S270	8-10 Campbell Street Parramatta	41 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	63	70	61	69	68	61	0	0	0	0	0	0	0	0	0	0	66	75	69	60		
S271	9 Campbell Street Parramatta	43 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	62	69	60	68	67	60	0	0	0	0	0	0	0	0	0	0	67	76	70	61		
S272	1 Charles Street Parramatta	45 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	57	66	60	51		
S273	1 Charles Street Parramatta	5-9 Hunter Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	51	58	49	57	56	49	0	0	0	0	0	0	0	0	0	0	48	57	51	42		
S274	2 Charles Street Parramatta	1 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S275	20 Charles Street Parramatta			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	56	63	54	62	61	54	0	0	0	0	0	0	0	0	0	0	57	66	60	51		
S276	30 Charles Street Parramatta	Leigh Memorial Church		S	Place of worship	55	0	0	0	0	5	0	0	0	0	0	0	0	47	54	45	53	52	45	0	0	0	0	0	0	0	0	0	0	46	55	49	40		
S277	34 Charles Street Parramatta	119b Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	65	72	63	71	70	63	0	0	0	0	0	0	0	0	0	0	65	74	68	59		
S278	36 Charles Street Parramatta	119b Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	64	71	62	70	69	62	0	0	0	0	0	0	0	0	0	0	63	72	66	57		
S279	38 Charles Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	52	59	50	58	57	50	0	0	0	0	0	0	0	0	0	0	51	60	54	45		
S280	4 Charles Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	39	48	42	33		
S281	6-10 Charles Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	45	52	43	51	50	43	0	0	0	0	0	0	0	0	0	0	44	53	47	38		
S282	6-10 Charles Street Parramatta	15-19 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	22	29	20	28	27	20	0	0	0	0	0	0	0	0	0	0	23	32	26	17		
S283	104-108 Church Street Parramatta	16 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	59	68	62	53	X	
S284	105-107 Church Street Parramatta	169 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	76	83	74	82	81	74	0	0	0	0	0	0	0	0	0	0	97	106	100	91		
S285	109 Church Street Parramatta	17-21 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	59	68	62	53		
S286	110-112 Church Street Parramatta	Parramatta Public School		S	Educational institute	55	0	0	0	0	5	0	0	0	0	0	0	0	62	69	60	68	67	60	0	0	0	0	0	0	0	0	0	0	63	72	66	57		
S287	113 Church Street Parramatta	Arthur Philip High School		S	Educational institute	55	0	0	0	0	5	0	0	0	0	0	0	0	52	59	50	58	57	50	0	0	0	0	0	0	0	0	0	0	51	60	54	45		
S288	118 Church Street Parramatta	Parramatta Public School		S	Educational institute	55	0	0	0	0	5	0	0	0	0	0	0	0	44	51	42	50	49	42	0	0	0	0	0	0	0	0	0	0	49	58	52	43		
S289	126 Church Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	53	60	51	59	58	51	0	0	0	0	0	0	0	0	0	0	52	61	55	46		
S290	127 Church Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S291	135 Church Street Parramatta	2 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	46	53	44	52	51	44	0	0	0	0	0	0	0	0	0	0	47	56	50	41		
S292	136 Church Street Parramatta	2 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	54	61	52	60	59	52	0	0	0	0	0	0	0	0	0	0	57	66	60	51		
S293	137 Church Street Parramatta	20-22 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	63	70	61	69	68	61	0	0	0	0	0	0	0	0	0	0	62	71	65	56	X	
S294	140 Church Street Parramatta	23-27 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	92	99	90	98	97	90	0	0	0	0	0	0	0	0	0	0	82	91	85	76		
S295	142 Church Street Parramatta	29 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	61	68	59	67	66	59	0	0	0	0	0	0	0	0	0	0	65	74	68	59		
S296	143 Church Street Parramatta	35 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	65	72	63	71	70	63	0	0	0	0	0	0	0	0	0	0	67	76	70	61		
S297	151 Church Street Parramatta	42 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	65	72	63	71	70	63	0	0	0	0	0	0	0	0	0	0	69	78	72	63		
S298	181 Church Street Parramatta	45 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	75	82	73	81	80	73	0	0	0	0	0	0	0	0	0	0	74	83	77	68		
S299	181 Church Street Parramatta	45 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	42	49	40	48	47	40	0	0	0	0	0	0	0	0	0	0	44	53	47	38	X	
S300	188 Church Street Parramatta	SKYE Suites Parramatta		S	Hotel	70	0	0	0	0	5	0	0	0	0	0	0	0	78	85	76	84	83	76	0	0	0	0	0	0	0	0	0	0	84	93	87	78	X	
S301	195 Church Street Parramatta	46 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	78	85	76	84	83	76	0	0	0	0	0	0	0	0	0	0	88	97	91	82		
S302	195 Church Street Parramatta	48 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	73	80	71	79	78	71	0	0	0	0	0	0	0	0	0	0	73	82	76	67		
S303	195 Church Street Parramatta	5 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	70	77	68	76	75	68	0	0	0	0	0	0	0	0	0	0	69	78	72	63		
S304	195 Church Street Parramatta	5 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	36	43	34	42	41	34	0	0	0	0	0	0	0	0	0	0	35	44	38	29		
S305	197 Church Street Parramatta	57 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	57	64	55	63	62	55	0	0	0	0	0	0	0	0	0	0	57	66	60	51	X	
S306	198 Church Street Parramatta	60 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	103	110	101	109	108	101	0	0	0	0	0	0	0	0	0	0	81	90	84	75		
S307	202 Church Street Parramatta	62-64 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	67	74	65	73	72	65	0	0	0	0	0	0	0	0	0	0	66	75	69	60		
S308	210 Church Street Parramatta	65-75 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	63	70	61	69	68	61	0	0	0	0	0	0	0	0	0	0	60	69	63	54	X	
S309	211 Church Street Parramatta	68 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	104	111	102	110	109	102	0	0	0	0	0	0	0	0	0	0	77	86	80	71		
S310	216 Church Street Parramatta	7 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	62	69	60	68	67	60	0	0	0	0	0	0	0	0	0	0	62	71	65	56		
S311	220 Church Street Parramatta	70 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	58	67	61	52		
S312	221 Church Street Parramatta	74 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	61	68	59	67	66	59	0	0	0	0	0	0	0	0	0	0	61	70	64	55		
S313	222 Church Street Parramatta	Arthur Philip High School		S	Educational institute	55	0	0	0	0	5	0	0	0	0	0	0	0	60	67	58	66	65	58	0	0	0	0	0	0	0	0	0	0	60	69	63	54		
S314	235 Church Street Parramatta	Arthur Philip High School		S	Educational institute	55	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S315	235 Church Street Parramatta	83 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	48	55	46	54	53	46	0	0	0	0	0	0	0	0	0	0	47	56	50	41	X	
S316	238 Church Street Parramatta	85 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	107	114	105	113	112	105	0	0	0	0	0	0	0	0	0	0	86	95	89	80		
S317	239 Church Street Parramatta	95 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	71	78	69	77	76	69	0	0	0	0	0	0	0	0	0	0	70	79	73	64		
S318	240 Church Street Parramatta	97 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	70	77	68	76	75	68	0	0	0	0	0	0	0	0	0	0	69	78	72	63		
S319	244 Church Street Parramatta	99 Macquarie Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	69	76	67	75	74	67	0	0	0	0	0	0	0	0	0	0	68	77	71	62		
S320	255 Church Street Parramatta	132 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	68	75	66	74	73	66	0	0	0	0	0	0	0	0	0	0	67	76	70	61		
S321	255A Church Street Parramatta	146 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	67	74	65	73	72	65	0	0	0	0	0	0	0	0	0	0	70	79	73	64	X	
S322	256 Church Street Parramatta	Parramatta Mosque		S	Place of worship	55	0	0	0	0	5	0	0	0	0	0	0	0	71	78	69	77	76	69	0	0	0	0	0	0	0	0	0	0	76	85	79	70		
S323	257 Church Street Parramatta	152 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	68	75	66	74	73	66	0	0	0	0	0	0	0	0	0	0	72	81	75	66		
S324	257A Church Street Parramatta	156 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	66	73	64	72	71	64	0	0	0	0	0	0	0	0	0	0	70	79	73	64		
S325	261 Church Street Parramatta	164 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	67	74	65	73	72	65	0	0	0	0	0	0	0	0	0	0	68	77	71	62		
S326	262 Church Street Parramatta	170 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	60	67	58	66	65	58	0	0	0	0	0	0	0	0	0	0	62	71	65	56		
S327	264 Church Street Parramatta	174 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	41	48	39	47	46	39	0	0	0	0	0	0	0	0	0	0	41	50	44	35		
S328	267 Church Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	53	60	51	59	58	51	0	0	0	0	0	0	0	0	0	0	54	63	57	48		
S329	272 Church Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S330	275 Church Street Parramatta	87 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	30	39	33	24	X	
S331	277 Church Street Parramatta	14 O'connell Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	73	80	71	79	78	71	0	0	0	0	0	0	0	0	0	0	79	88	82	73		
S332	278 Church Street Parramatta	20 O'connell Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	38	45	36	44	43	36	0	0	0	0	0	0	0	0	0	0	40	49	43	34		
S333	279 Church Street Parramatta	22 O'connell Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	67	74	65	73	72	65	0	0	0	0	0	0	0	0	0	0	70	79	73	64		
S334	284 Church Street Parramatta	22a O'connell Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	40	47	38	46	45	38	0	0	0	0	0	0	0	0	0	0	42	51	45	36		
S335	286 Church Street Parramatta	22a O'connell Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S336	292 Church Street Parramatta	6 Parkes Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S337	295 Church Street Parramatta	3 Parramatta Square Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S338	298 Church Street Parramatta	105 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	60	67	58	66	65	58	0	0	0	0	0	0	0	0	0	0	59	68	62	53		
S339	302 Church Street Parramatta	107 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S340	308 Church Street Parramatta	115 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S341	311-313 Church Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S342	312 Church Street Parramatta	12 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	41	48	39	47	46	39	0	0	0	0	0	0	0	0	0	0	48	57	51	42		
S343	316 Church Street Parramatta	18 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	38	47	41	32		
S344	317 Church Street Parramatta	28 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	53	60	51	59	58	51	0	0	0	0	0	0	0	0	0	0	53	62	56	47		
S345	320 Church Street Parramatta	30 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	37	44	35	43	42	35	0	0	0	0	0	0	0	0	0	0	36	45	39	30		
S346	321 Church Street Parramatta	32 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	51	58	49	57	56	49	0	0	0	0	0	0	0	0	0	0	51	60	54	45		
S347	323 Church Street Parramatta	34 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S348	325 Church Street Parramatta	34 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S349	328 Church Street Parramatta	34 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S350	330 Church Street Parramatta	34 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S351	331 Church Street Parramatta	34 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S352	333 Church Street Parramatta	42 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S353	#N/A	51a Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S354	#N/A	55 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	37	44	35	43	42	35	0	0	0	0	0	0	0	0	0	0	36	45	39	30		
S355	#N/A			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	36	43	34	42	41	34	0	0	0	0	0	0	0	0	0	0	35	44	38	29		
S356	#N/A			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S357	#N/A	67-69 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S358	#N/A			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	46	53	44	52	51	44	0	0	0	0	0	0	0	0	0	0	43	52	46	37		
S359	#N/A			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S360	40-58 Church Street Parramatta			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S361	40-58 Church Street Parramatta			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S362	63 Church Street Parramatta	79 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S363	63 Church Street Parramatta	8 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S364	66-70 Church Street Parramatta	8 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	47	54	45	53	52	45	0	0	0	0	0	0	0	0	0	0	53	62	56	47		
S365	74 Church Street Parramatta			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	38	47	41	32		
S366	87 Church Street Parramatta	9 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S367	88 Church Street Parramatta	91 Phillip Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	38	47	41	32		
S368	88 Church Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	35	42	33	41	40	33	0	0	0	0	0	0	0	0	0	0	34	43	37	28		
S369	88 Church Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S370	88 Church Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S371	88 Church Street Parramatta	18 Pitt Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S372	88 Church Street Parramatta	2 Pitt Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S373	1 Cowper Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	34	43	37	28		
S374	13 Cowper Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S375	15 Cowper Street Parramatta	Absolute Waterfront Apartments		S	Hotel	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S376	15 Cowper Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S377	17 Cowper Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S378	19 Cowper Street Parramatta	6 Pitt Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S379	21-23 Cowper Street Parramatta	8 Pitt Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S380	22 Cowper Street Parramatta	1 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S381	25-29 Cowper Street Parramatta	Arthur Philip High School		S	Educational institute	55	0	0	0	0	5	0	0	0	0	0	0	0	53	60	51	59	58	51	0	0	0	0	0	0	0	0	0	0	51	60	54	45		
S382	2A Cowper Street Parramatta	18 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	55	62	53	61	60	53	0	0	0	0	0	0	0	0	0	0	56	65	59	50		

RECEIVER ID	ADDRESS	NAME	ACQUIRED	NCA	TYPE	NML-Standard hours	NML-OOHW Day	NML-OOHW Evening	NML-OOHW Night	S01.01	S01.02	S01.03	S02.01	S02.02	S02.03	S03.01	S04.01	S04.02	S05.01	S05.02	S05.03	S05.04	S05.05	S05.06	S06.01	S06.02	S06.03	S06.04	S07.01	S07.02	S08.01	S08.02	S08.03	S08.04	S09.01	S09.02	S09.03	S09.04	BS7835 screening	AVTG screening
S383	3 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	50	57	48	56	55	48	0	0	0	0	0	0	0	0	0	0	44	53	47	38		
S384	31 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S385	33-35 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S386	34 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S387	36-46 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S388	39 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S389	5-7 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S390	8 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S391	8 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	31	40	34	25		
S392	9-11 Cowper Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S393	10 Darcy Street Parramatta	2 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S394	10 Darcy Street Parramatta	20 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S395	10 Darcy Street Parramatta	25 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S396	10 Darcy Street Parramatta	35 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	58	65	56	64	63	56	0	0	0	0	0	0	0	0	0	0	58	67	61	52		
S397	21 Darcy Street Parramatta	37 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	33	42	36	27		
S398	21 Darcy Street Parramatta	37 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S399	21 Darcy Street Parramatta	37 Smith Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	34	41	32	40	39	32	0	0	0	0	0	0	0	0	0	0	34	43	37	28		
S400	1 Early Street Parramatta	60 Station Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	33	40	31	39	38	31	0	0	0	0	0	0	0	0	0	0	32	41	35	26		
S401	10 Early Street Parramatta			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	27	34	25	33	32	25	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S402	12 Early Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S403	15-19 Early Street Parramatta	1 Valentine Avenue Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	25	32	23	31	30	23	0	0	0	0	0	0	0	0	0	0	25	34	28	19		
S404	18 Early Street Parramatta	10 Valentine Avenue Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S405	2 Early Street Parramatta	3 Valentine Avenue Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	32	39	30	38	37	30	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S406	21-23 Early Street Parramatta	6 Valentine Avenue Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	27	36	30	21		
S407	22 Early Street Parramatta	16-18 Wentworth Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S408	22 Early Street Parramatta			S	Residential	68	63	58	48	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S409	25 Early Street Parramatta	2-10 Wentworth Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S410	26 Early Street Parramatta	20-22 Wentworth Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	29	36	27	35	34	27	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S411	27-29 Early Street Parramatta	21 Wentworth Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	28	37	31	22		
S412	3 Early Street Parramatta	23 Wentworth Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	30	37	28	36	35	28	0	0	0	0	0	0	0	0	0	0	29	38	32	23		
S413	30 Early Street Parramatta	25 Wentworth Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S414	31 Early Street Parramatta	182 Church Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	31	38	29	37	36	29	0	0	0	0	0	0	0	0	0	0	30	39	33	24		
S415	32 Early Street Parramatta			S	Mixed use	68	63	58	48	0	5	0	0	0	0	0	0	0	71	78	69	77	76	69	0	0	0	0	0	0	0	0	0	0	70	79	73	64		
S416	33 Early Street Parramatta	101 Marsden Street Parramatta		S	Commercial	70	0	0	0	0	5	0	0	0	0	0	0	0	28	35	26	34	33	26	0	0	0	0	0	0	0	0	0	0	27	36	30	21		

F-4 Sleep disturbance impact charts

The proportion of receivers predicted to receive L_{AFmax} noise levels above the screening level of sleep disturbance are shown in Figure F.1 and assume a reduction of 10 dB of the unmitigated noise levels have been applied.

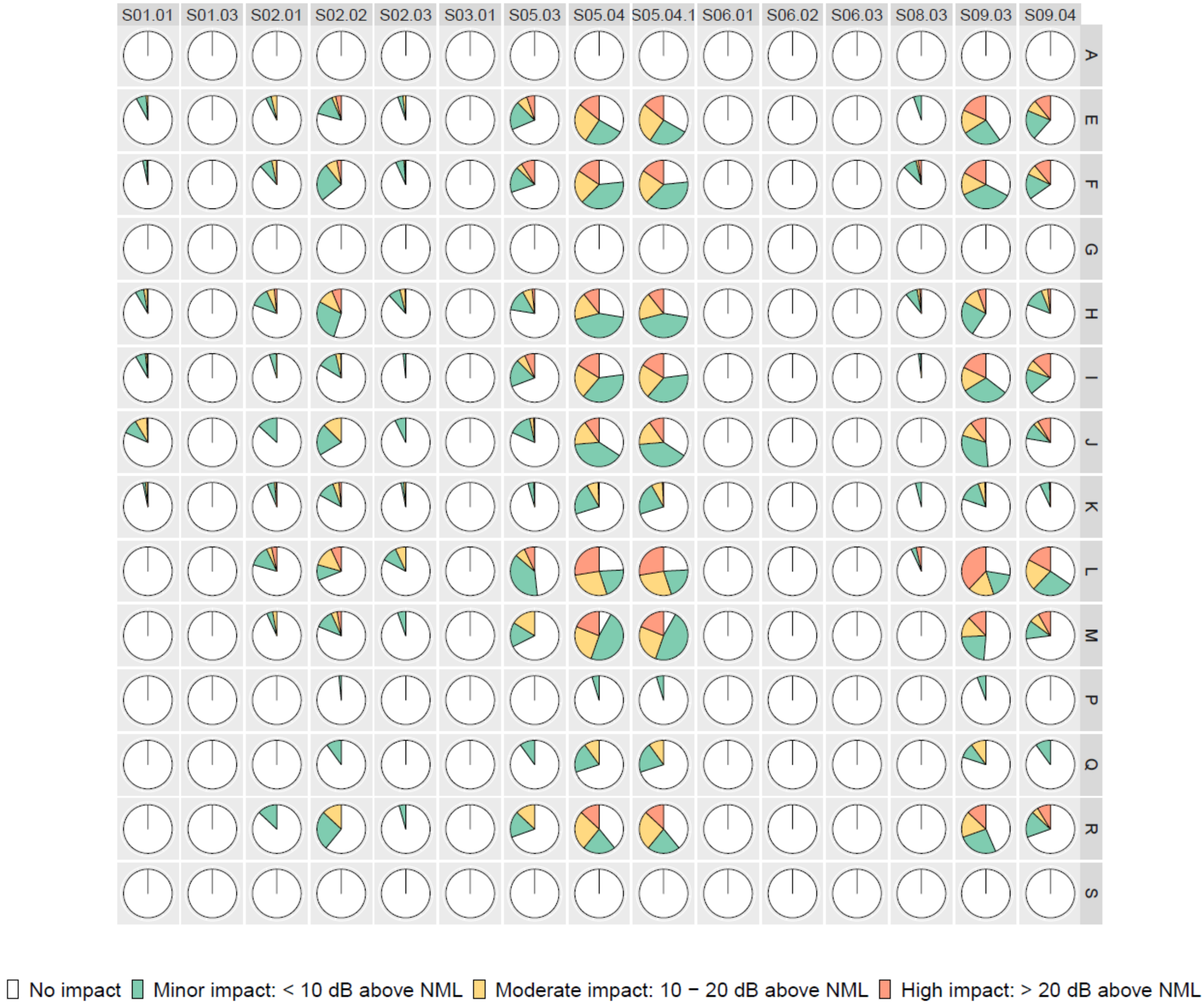

Figure F.1 *Proportion of residential receivers predicted to receive noise levels above screening level for sleep disturbance L_{AFmax}*

F-5 Standard mitigation and management measures

Table F.1 Standard management measures to reduce construction noise and vibration (Table 5 of the CNVS)

Action required	Applies to	Details
Implementation of any project specific mitigation measures required	Airborne noise Ground-borne noise & vibration	In addition to the measures set out in this table, any project specific mitigation measuresidentified in the EIA documentation (e.g.REF, submissions or representations report) or approval or licence conditions must be implemented.
Implement stakeholder consultation measures (refer to Sections 8.2.1 and 8.3 for further details of community consultation measures)	Airborne noise Ground-borne noise & vibration	Periodic Notification (monthly letterbox drop and website notification) detailing all upcoming construction activities delivered to sensitive receivers at least 7 days prior tocommencement of relevant works. In addition to Periodic Notification, the following strategies may be adopted on acase-by-case basis: – project specific website – project infoline – construction response line – email distribution list – web-based surveys – social media – community and stakeholder meetings and – community based forums (if required byapproval conditions).
Register of noise and vibrationsensitive receivers	Airborne noise Ground-borne noise & vibration	A register of most affected noise and vibrationsensitive receivers (NVSRs) would be kept on site. The register would include the following details for each NVSR: – address of receiver – category of receiver (e.g. Residential,Commercial etc.) – contact name and contact details (if provided). The register may be included as part of the project's Community Liaison Plan or similar document and maintained in accordance with the requirements of this plan.
Construction hoursand scheduling	Airborne noise Ground-borne noise & vibration	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 lesssensitive time periods.
Construction respite period	Ground-borne noise & vibration Airborne noise	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 becarried out in continuous blocks, not exceeding 3 hours each, with a minimum respite period of one hour between each block. 'Continuous' includes any period during whichthere is less than a 1 hour respite between ceasing and recommencing any of the work. No more than two consecutive nights of noisewith special audible characteristics and/or vibration generating work may be undertaken in the same NCA over any 7-day period, unlessotherwise approved by the relevant authority.

Action required	Applies to	Details
Site inductions	Airborne noise Ground-borne noise & vibration	All employees, contractors and subcontractors are to receive an environmental induction. The induction must at least include: – all relevant project 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 andprocedures – site opening/closing times(including deliveries) – environmental incident procedures.
Behavioural practices	Airborne noise	No swearing or unnecessary shouting or loudstereos/radios on site. No dropping of materials from height, throwingof metal items and slamming of doors. No excessive revving of plant andvehicle engines. Controlled release of compressed air.
Monitoring	Airborne noise Ground-borne noise & vibration	A noise monitoring program should be carriedout for the duration of works in accordance with the Noise and Vibration Management Plan and any approval and licence conditions.
Attended vibration measurements	Ground-borne vibration	Attended vibration measurements shall be undertaken at all buildings within 25 m of vibration generating activities when these activities commence to confirm that vibrationlevels are within the acceptable range to prevent cosmetic building damage.
Update Construction Environmental Management Plans	Airborne noise Ground-borne noise & vibration	The CEMP must be regularly updated to account for changes in noise and vibration management issues and strategies.
Building condition surveys	Vibrationblasting	Undertake building dilapidation surveys on all buildings located within the buffer zone prior to major project construction activities with the potential to cause property damage.

Table F.2 Standard source mitigation measures to reduce construction noise and vibration (Table 6 of the CNVS)

Action required	Applies to	Details
Plan worksites and activitiesto minimise noise and vibration	Airborne noise Ground-borne vibration	Plan traffic flow, parking and loading/unloadingareas to minimise reversing movements within the site.
Equipment selection	Airborne noise Ground-borne noise & vibration	Use quieter and less vibration emitting construction methods where feasible andreasonable, see Appendix C of the CNVS. For example, when piling is required, bored piles rather than impact-driven piles would minimise noise and vibration impacts where feasible and reasonable. Similarly,diaphragm wall construction techniques, in lieuof sheet piling, would have significant noise and vibration benefits.
Maximum noise levels	Airborne-noise	The noise levels of plant and equipment must have operating Sound Power or Sound PressureLevels compliant with the allowable noise levelsin Appendix C of the CNVS.
Rental plant and equipment	Airborne-noise	The noise levels of plant and equipment itemsare to be considered in rental decisions and in any case cannot be used on site unless compliant with the allowable noise levels in Appendix C of the CNVS.

Action required	Applies to	Details
Use and siting of plant	Airborne-noise	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 downor shut down. Noise-emitting plant to be directed away fromsensitive receivers.
Non-tonal reversing alarms	Airborne noise	Non-tonal reversing beepers (or an equivalent mechanism) must be fitted and used on all construction vehicles and mobile plant regularlyused on site and for any out of hours work, including delivery vehicles.
Minimise disturbance arisingfrom delivery of goods to construction sites	Airborne noise	Loading and unloading of materials/deliveriesis to occur *as far as possible* from sensitive receivers. Select site access points and roads as far aspossible away from sensitive receivers. Dedicated loading/unloading areas to beshielded if close to sensitive receivers. Delivery vehicles to be fitted with straps ratherthan chains for unloading, wherever possible.
Construction Related Traffic	Airborne noise	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.
Silencers on Mobile Plant	Airborne noise	Where possible reduce noise from mobile plant through additional fittings including: – residential grade mufflers – damped hammers such as “City” Model Rammer Hammers – air Parking brake engagement is silenced.
Prefabrication of materials off-site	Airborne noise	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	Airborne noise	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 or a silencer that complies with the National Transport Commission’s ‘In-service test procedure’ and standard.

Table F.3 Standard path mitigation measures to reduce construction noise and vibration (Table 7 of the CNVS)

Action required	Applies to	Details
Shield stationary noise sources such as pumps, compressors, fans etc	Airborne noise	Stationary noise sources should be enclosed orshielded whilst ensuring that the occupational health and safety of workers is maintained. Appendix F of AS 2436: 1981 lists materialssuitable for shielding.
Shield sensitive receivers from noisy activities	Airborne noise	Use structures to shield residential receivers from noise such as site shed placement; earth bunds; fencing; erection of operationalstage noise barriers (where practicable) andconsideration of site topography when situating plant.

F-6 Additional mitigation

Table F.4 Additional management measures (Table 8 of the CNVS)

Measure	Description	Abbreviation
Periodic notification	For each Transport for New South Wales 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 project postal and/or email mailing lists. The same information would be published on the Transport for New South Wales website (www.transport.nsw.gov.au). Periodic notifications provide an overview of current and upcoming works across the project and other topics of interest. The objective is to engage, inform and provide project specific messages. Advanced warning of potential disruptions (e.g. 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. Content and length is determined on a project-by-project basis and must be approved by Transport for New South Wales prior to distribution. 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. Periodic Notification may be advised by the IP Community Engagement Team in cases where the additional mitigation measures matrix 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 would determine the community engagement strategy on a case-by-case basis.	PN
Verification monitoring	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 (i.e. for vibration provided there is an immediate feedback mechanism such as SMS capabilities) or operator attended surveys (i.e. for specific periods of construction noise). The purpose of monitoring is to confirm that: – construction noise and vibration from the project 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. 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 CNVIS amended.	V
Specific notification	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. 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 would be implemented. Individual briefings provide affected stakeholders with personalised contact and tailored advice, with the opportunity to comment on the project. Specific notifications are used to support Periodic Notifications, or to advertise unscheduled works and must be approved by Transport for New South Wales prior to implementation/distribution.	SN

Measure	Description	Abbreviation
Respite offer	The purpose of a project specific respite offer is to provide residents subjected to lengthy periods of noise or vibration respite from an ongoing impact. The offer could comprise pre-purchased 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.	RO
Alternative accommodation	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 would 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.	AA
Alternative construction methodology	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 would need to consider alternative construction options that achieve compliance with the VMLs for building damage. For example, replace large rockbreaker with smaller rockbreakers or rock saws.	AC
Respite period	OOHW during evening and night periods would 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 consecutive evening and/or night works. Strong justification must be provided where it is not reasonable and feasible to implement these period restrictions (e.g. to minimise impacts to rail operations), and approval must be given by Transport for New South Wales through the OOHW Approval Protocol (Section 6). Note: this management measure does not apply to OOHW Period 1 – Days.	RP
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

Appendix G

Operational noise contours

G-1 Operational noise contours – $L_{Aeq(9hour)}$ 2040

Noise contours, LAeq(9hr) dBA

20	40	60
25	45	65
30	50	70
35	55	

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Operational noise contour, LAeq(9 hour) dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-1.1

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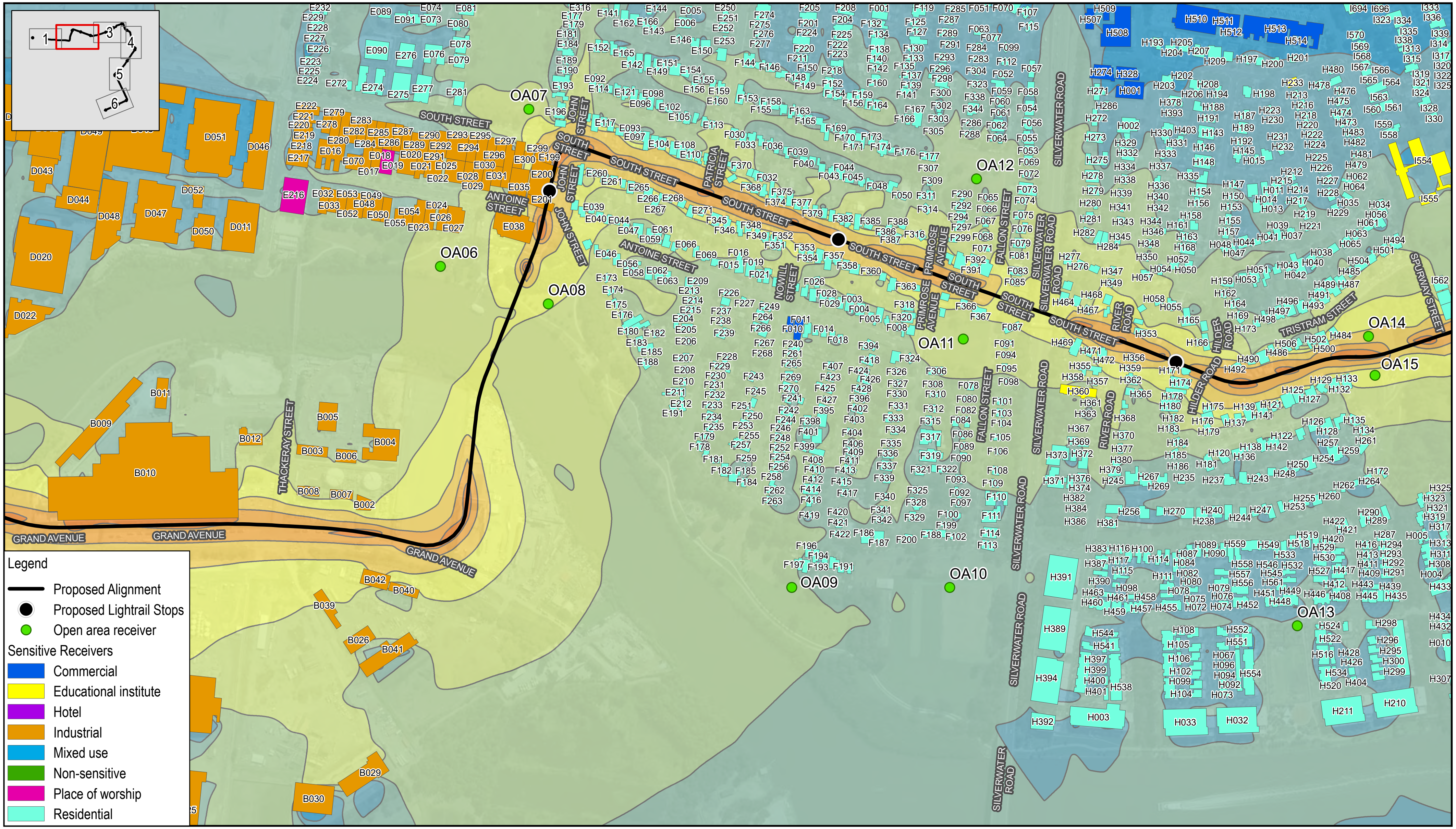
Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(9hr) dBA

20	40	60
25	45	65
30	50	70
35	55	

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Operational noise contour,
LAeq(9 hour) dBA -
Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-1.2

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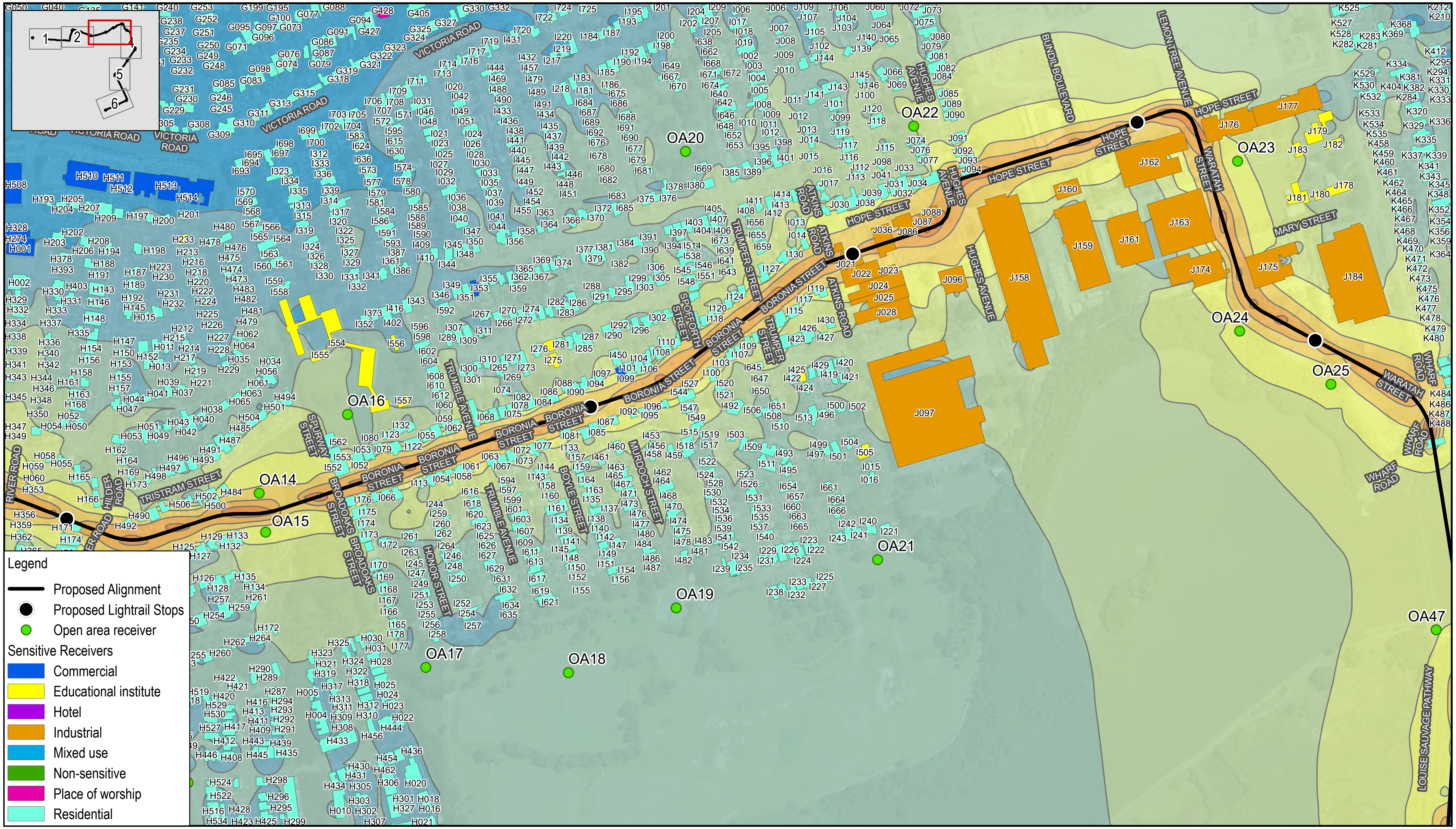

Noise contours, LAeq(9hr) dBA

20	40	60
25	45	65
30	50	70
35	55	

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Operational noise contour, LAeq(9 hour) dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-1.3

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Print date: 28 Jun 2022 - 19:24

Data source: Metromap Tile Service: . Created by: lmanasan

Legend

- Proposed Alignment
- Proposed Lightrail Stops
- Open area receiver

Sensitive Receivers

- Commercial
- Educational institute
- Hotel
- Industrial
- Mixed use
- Non-sensitive
- Place of worship
- Residential

Noise contours, LAeq(9hr) dBA

20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Operational noise contour, LAeq(9 hour) dBA - Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-1.4

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Print date: 28 Jun 2022 - 19:24

Data source: Metromap Tile Service: . Created by: lmanasan

Noise contours, LAeq(9hr) dBA

20	40	60
25	45	65
30	50	70
35	55	

Paper Size ISO A4

0 100 200

Metres

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

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Operational noise contour, LAeq(9 hour) dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-1.5

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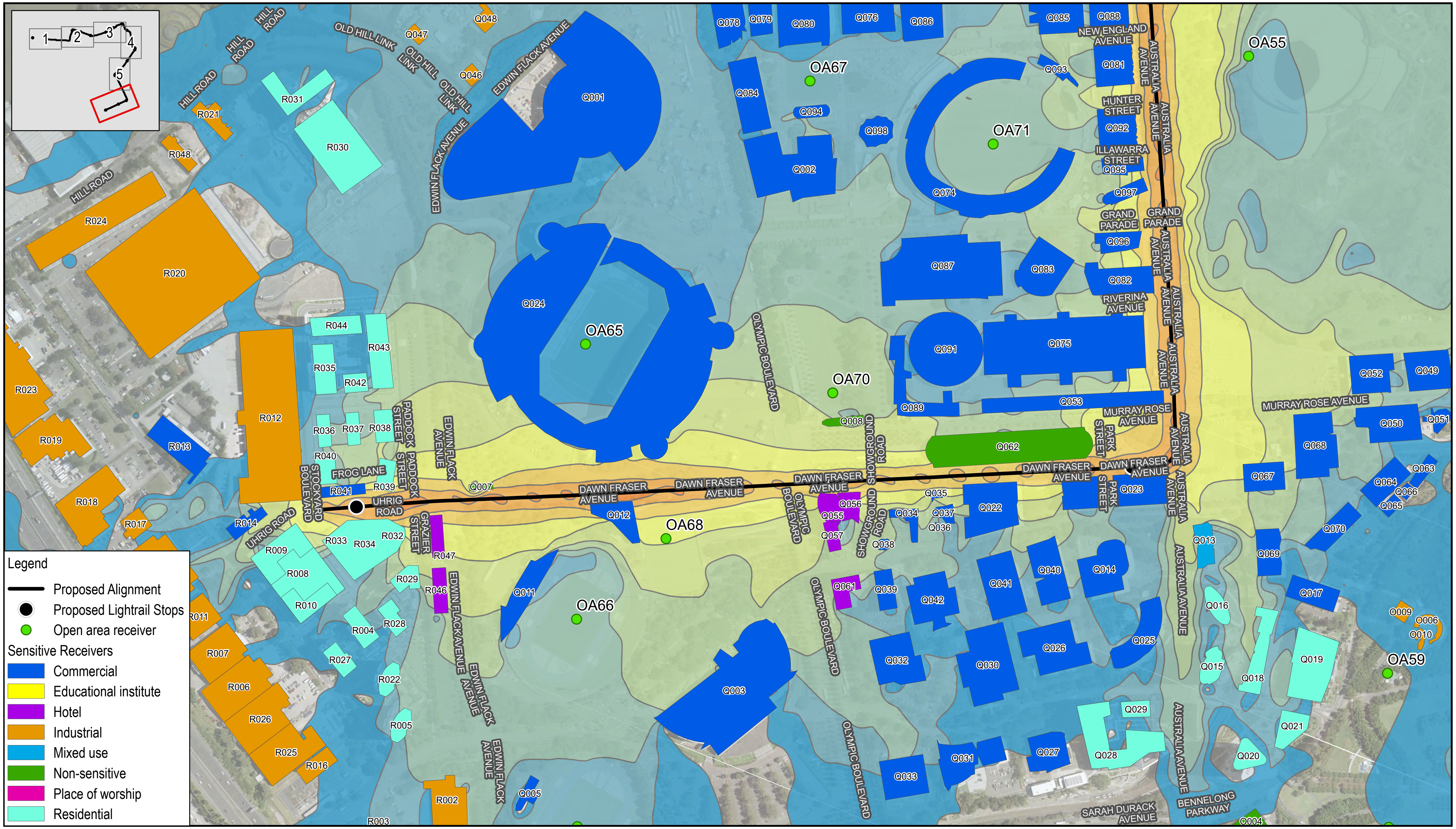

Noise contours, LAeq(9hr) dBA

20	40	60
25	45	65
30	50	70
35	55	

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Operational noise contour, LAeq(9 hour) dBA - Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-1.6

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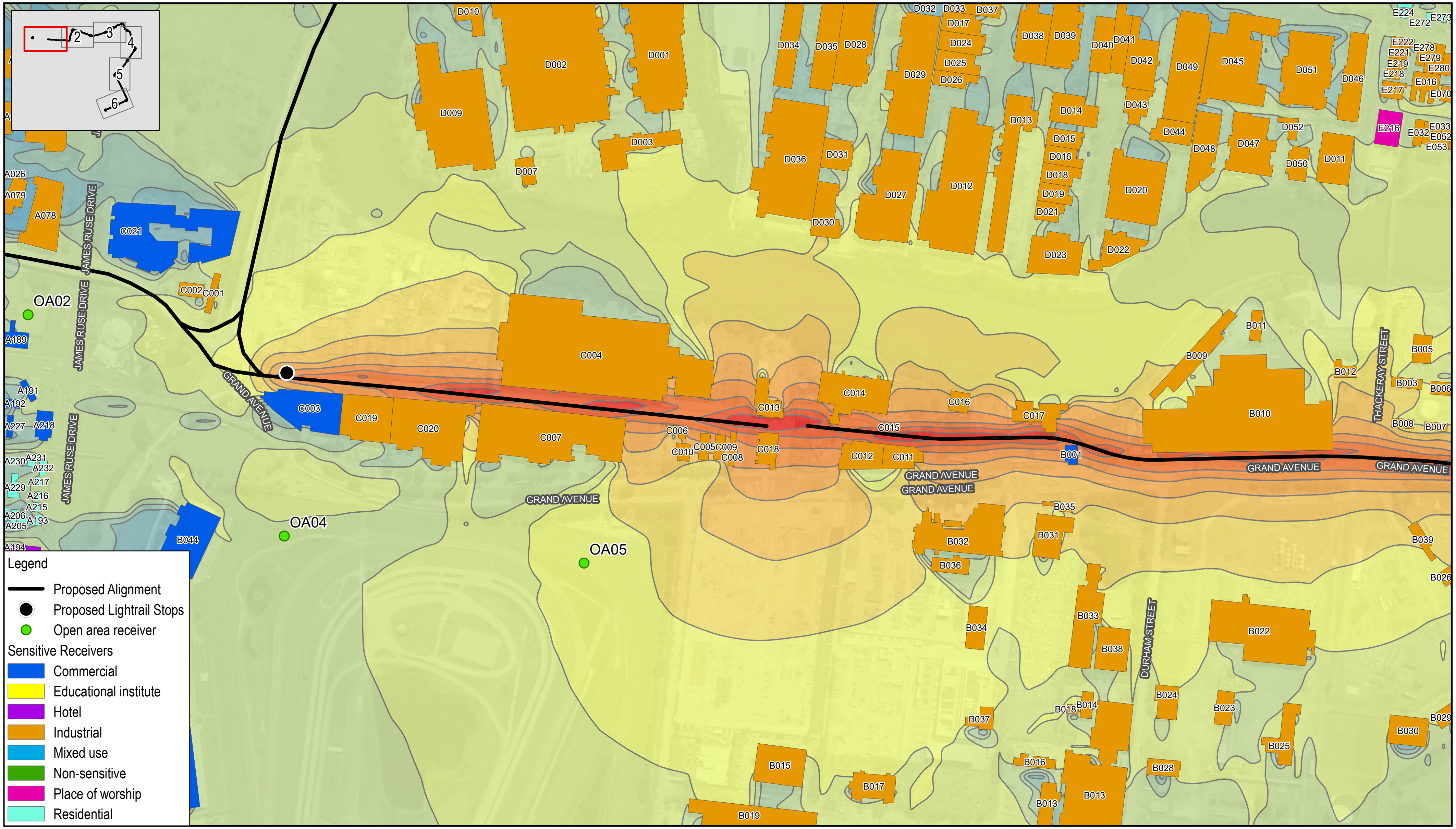
Print date: 28 Jun 2022 - 19:25

Data source: Metromap Tile Service: . Created by: lmanasan

G-2 Operational noise contours – $L_{AFmax(95\%)}$



Noise contours, LAeq(Max) dBA

20	35	50	65	80
25	40	55	70	85
30	45	60	75	90

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

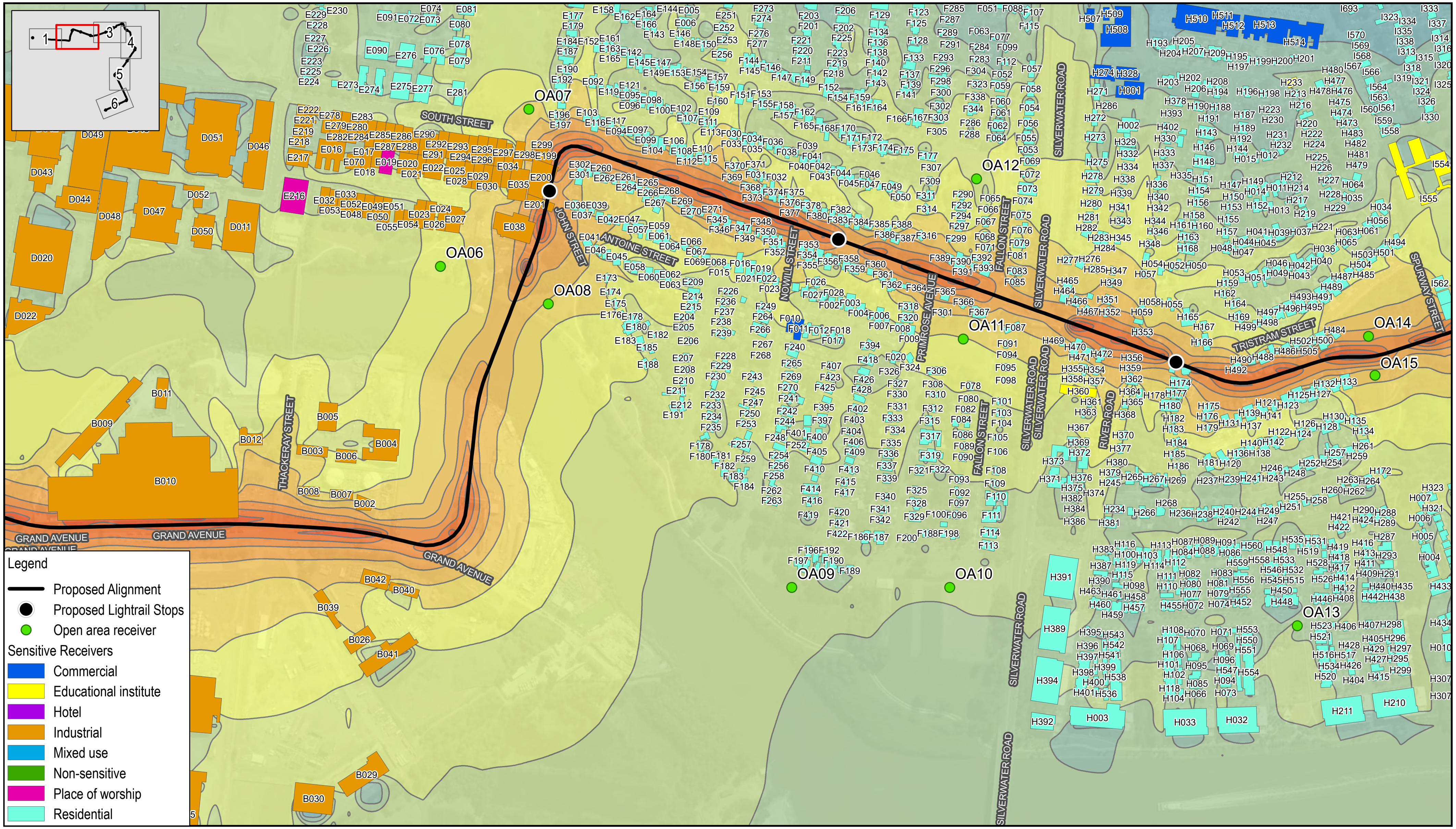
Operational noise contour, LAmax dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-2.1

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:18

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(Max) dBA

20	35	50	65	80
25	40	55	70	85
30	45	60	75	90

Paper Size ISO A4

0 100 200

Metres

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

N

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

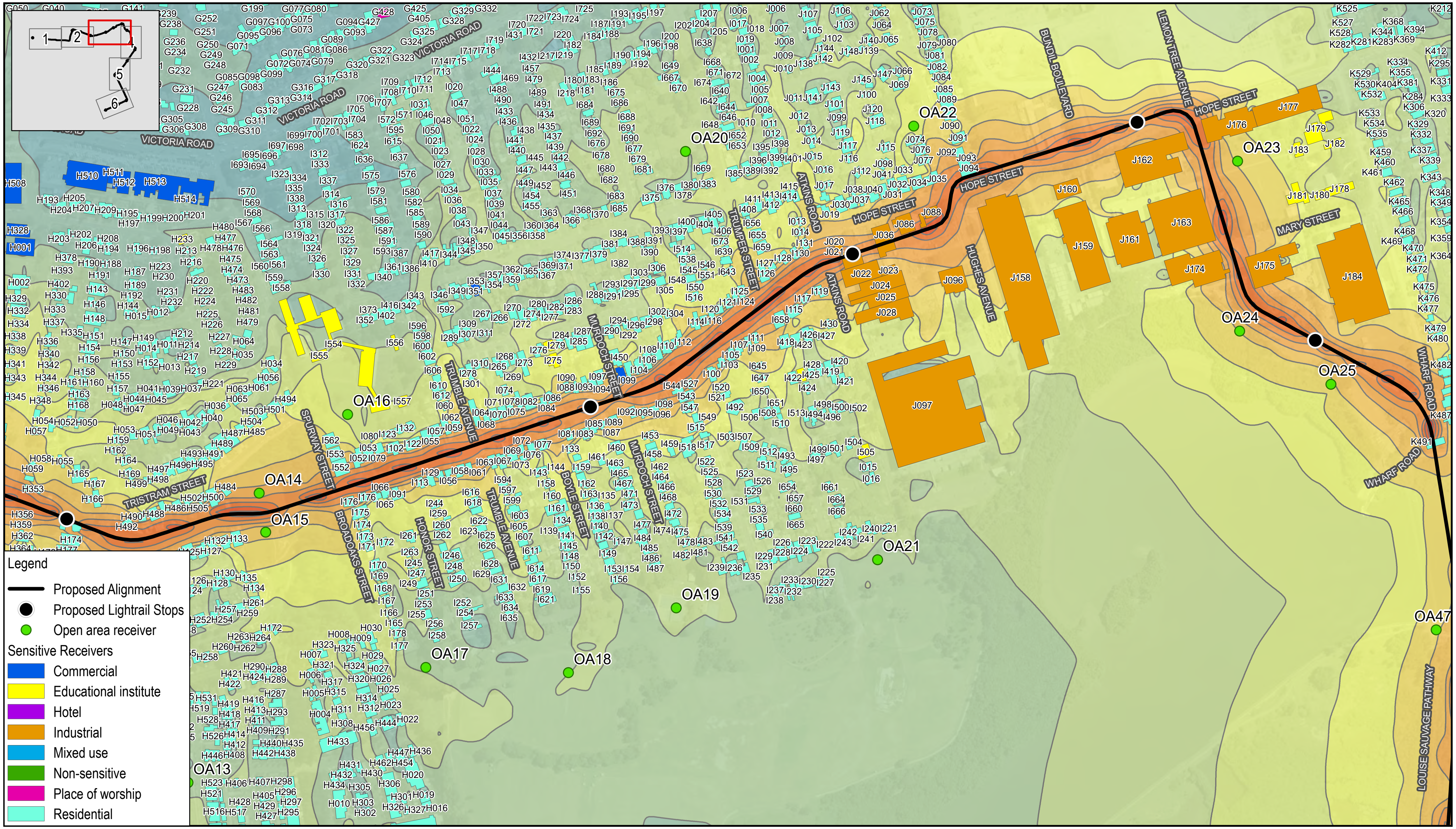
Operational noise contour, LAmax dBA - Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-2.2

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:18

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(Max) dBA

20	35	50	65	80
25	40	55	70	85
30	45	60	75	90

Paper Size ISO A4

0 100 200

Metres

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

N

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

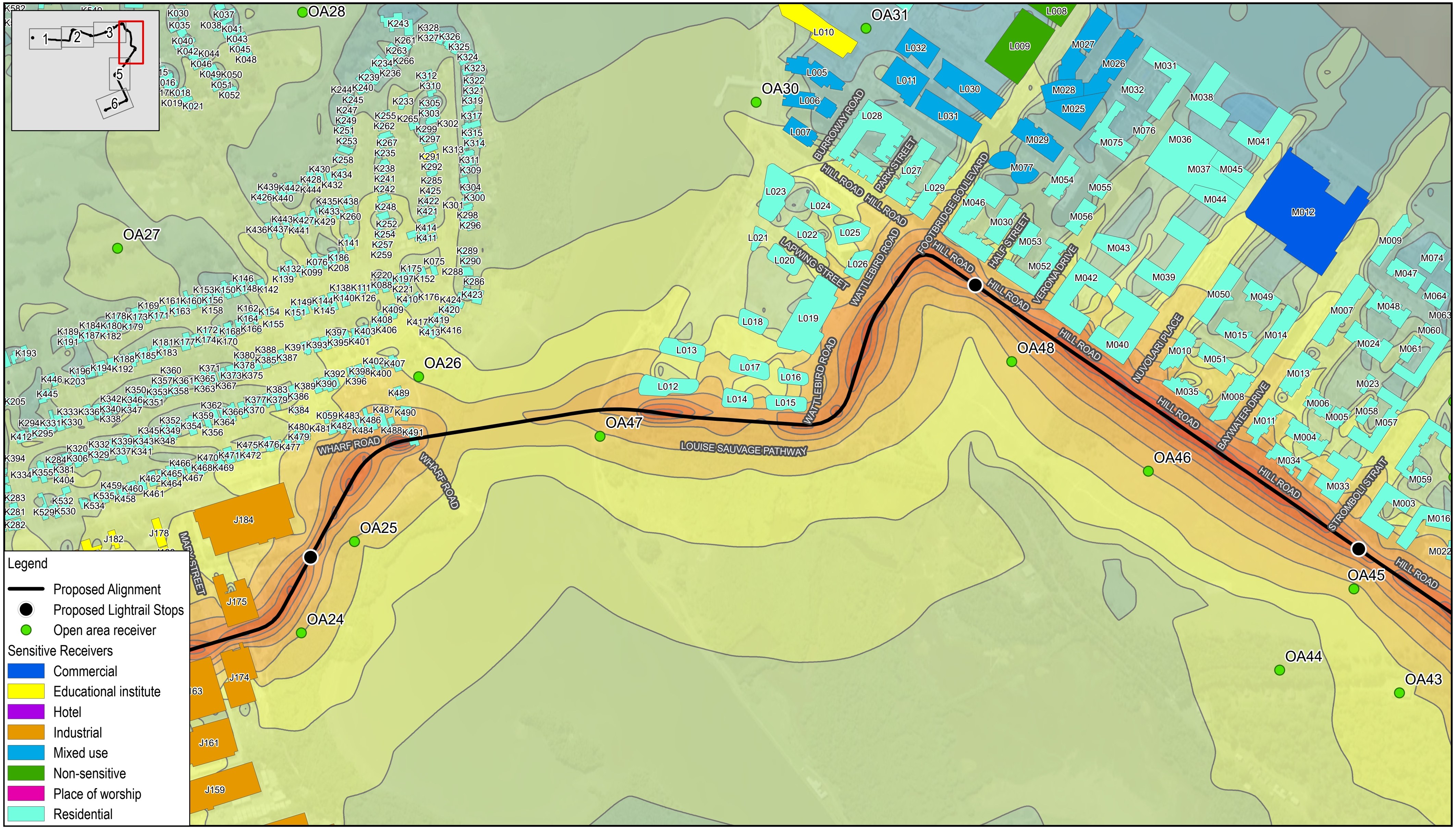
Operational noise contour, LAmax dBA - Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-2.3

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:19

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(Max) dBA

20	35	50	65	80
25	40	55	70	85
30	45	60	75	90

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

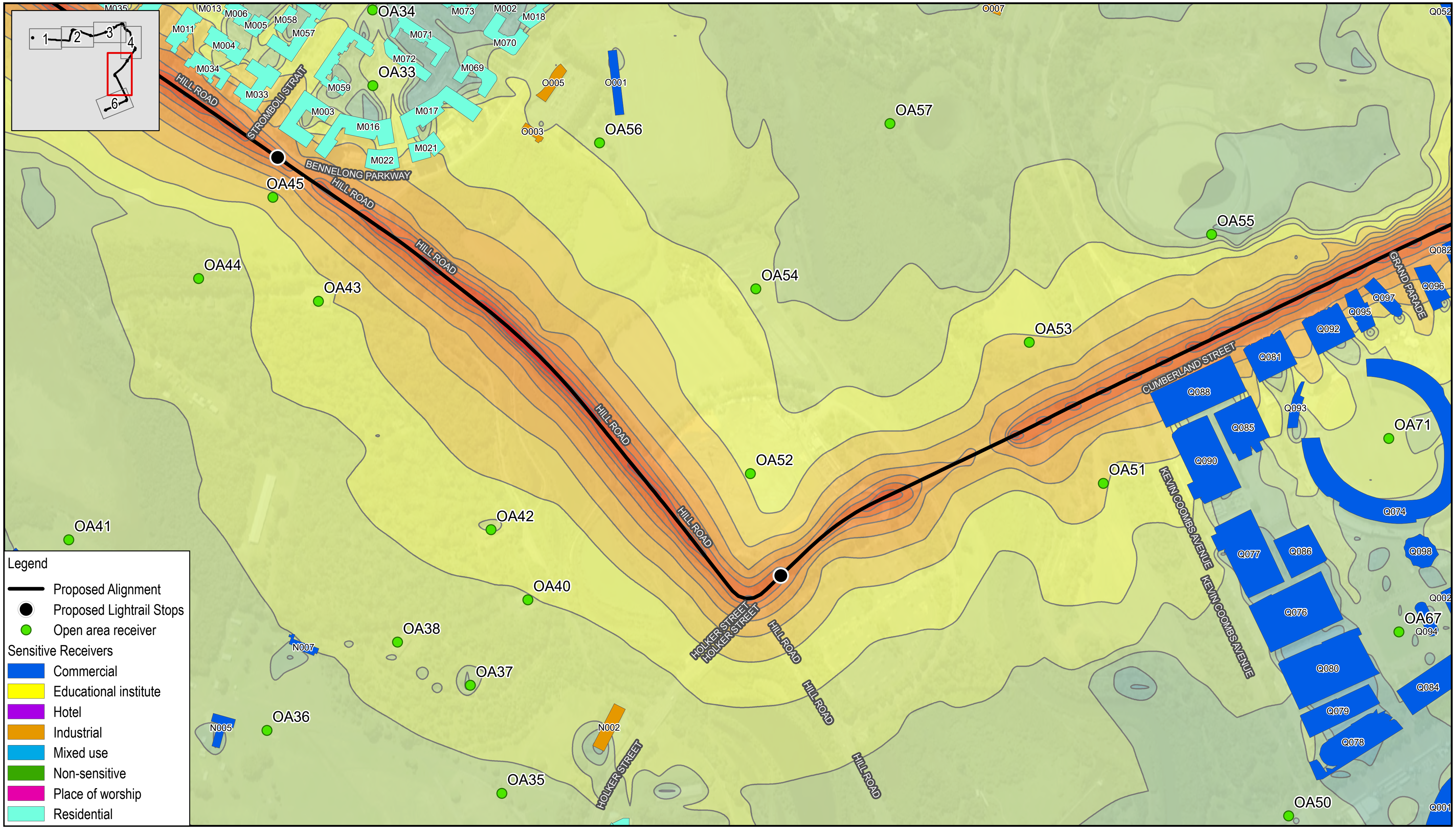
Operational noise contour, LAmax dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-2.4

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:19

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(Max) dBA

20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90

Paper Size ISO A4

0 100 200

Metres

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

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

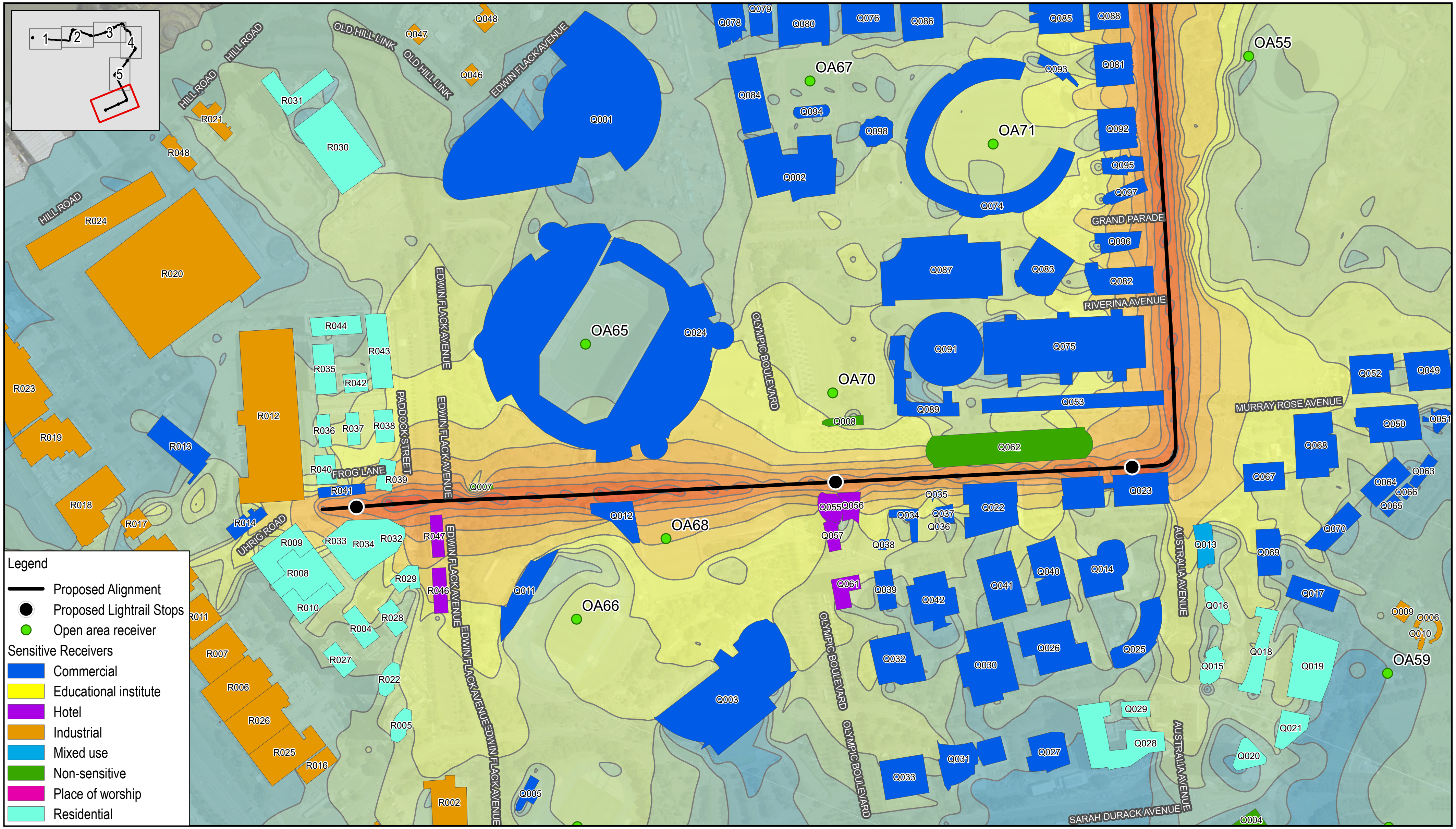
Operational noise contour, LAmax dBA - Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-2.5

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:19

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(Max) dBA

20	35	50	65	80
25	40	55	70	85
30	45	60	75	90

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Operational noise contour, LAmax dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-2.6

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:19

Data source: Metromap Tile Service: . Created by: Imanasan

G-3 Operational noise contours – $L_{Aeq(1hour)}$ 2040

Noise contours, LAeq(1hr) dBA

20 25 30 35 40 45 50 55 60 65 70

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

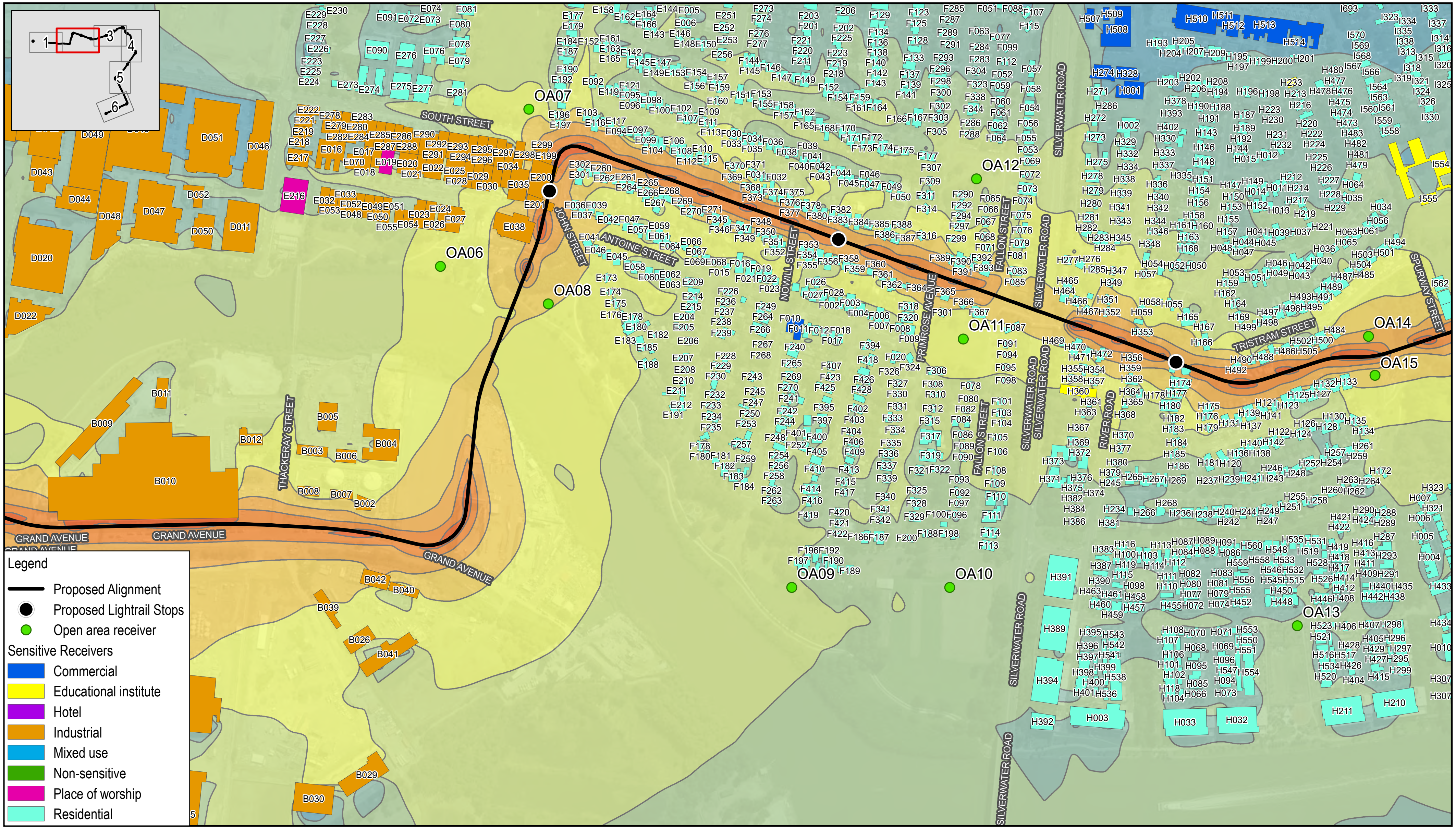
Operational noise contour, LAeq(1 hour) dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-3.1

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:19

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(1hr) dBA

20	40	60
25	45	65
30	50	70
35	55	

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

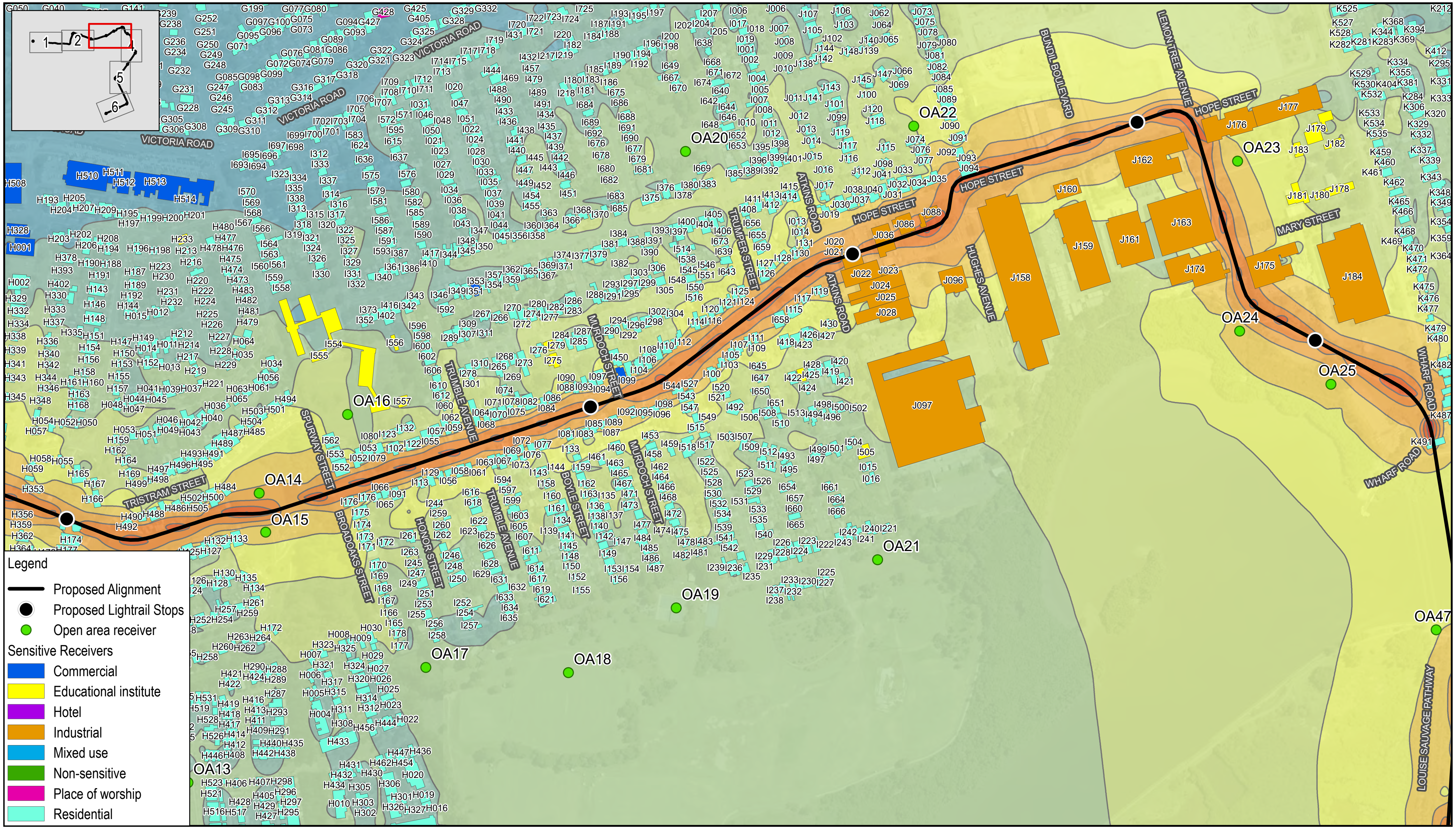
Operational noise contour, LAeq(1 hour) dBA - Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-3.2

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:20

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(1hr) dBA

20	40	60
25	45	65
30	50	70
35	55	

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

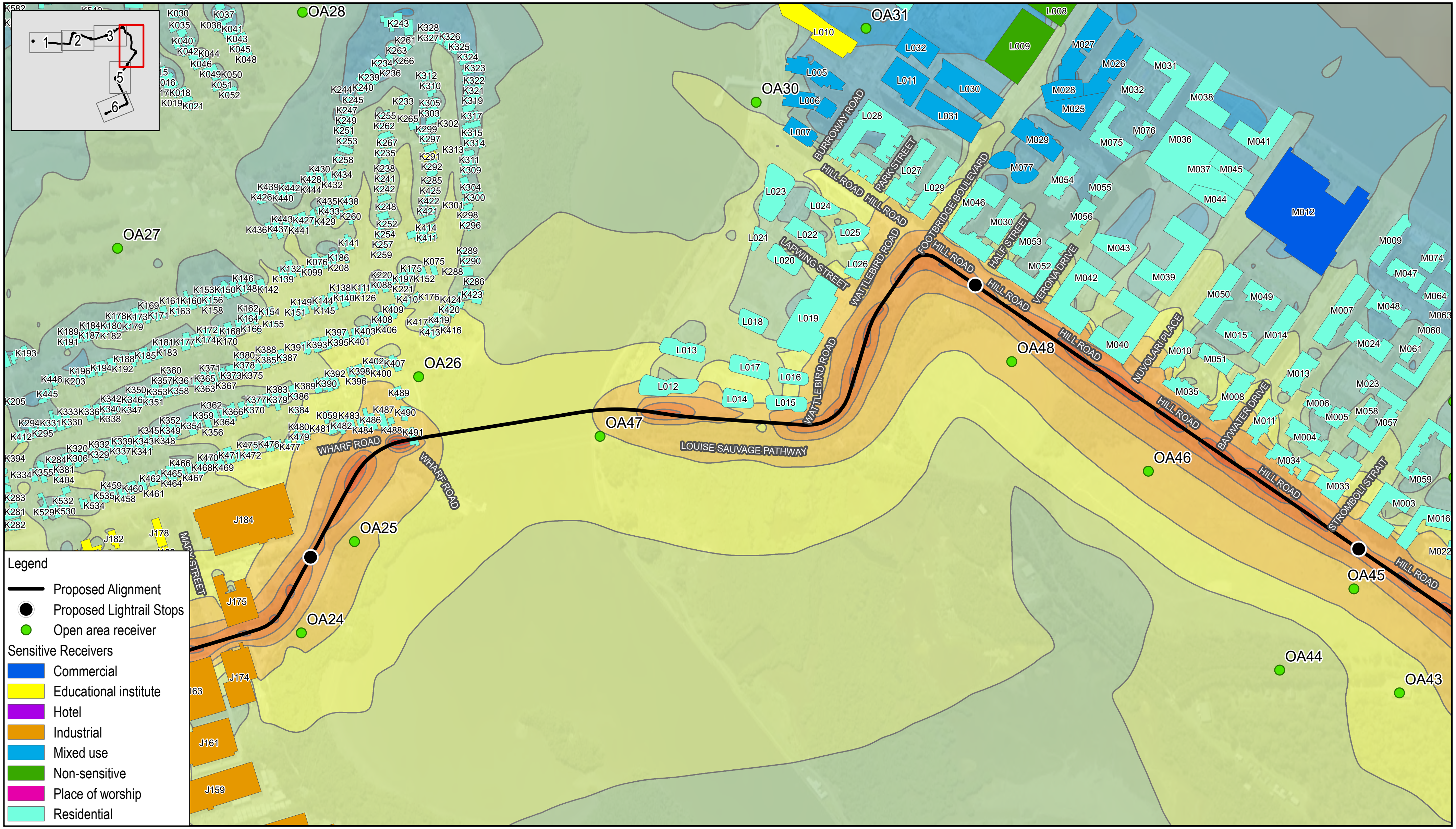
Operational noise contour, LAeq(1 hour) dBA - Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-3.3

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:20

Data source: Metromap Tile Service: . Created by: Imanasan



Noise contours, LAeq(1hr) dBA

20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

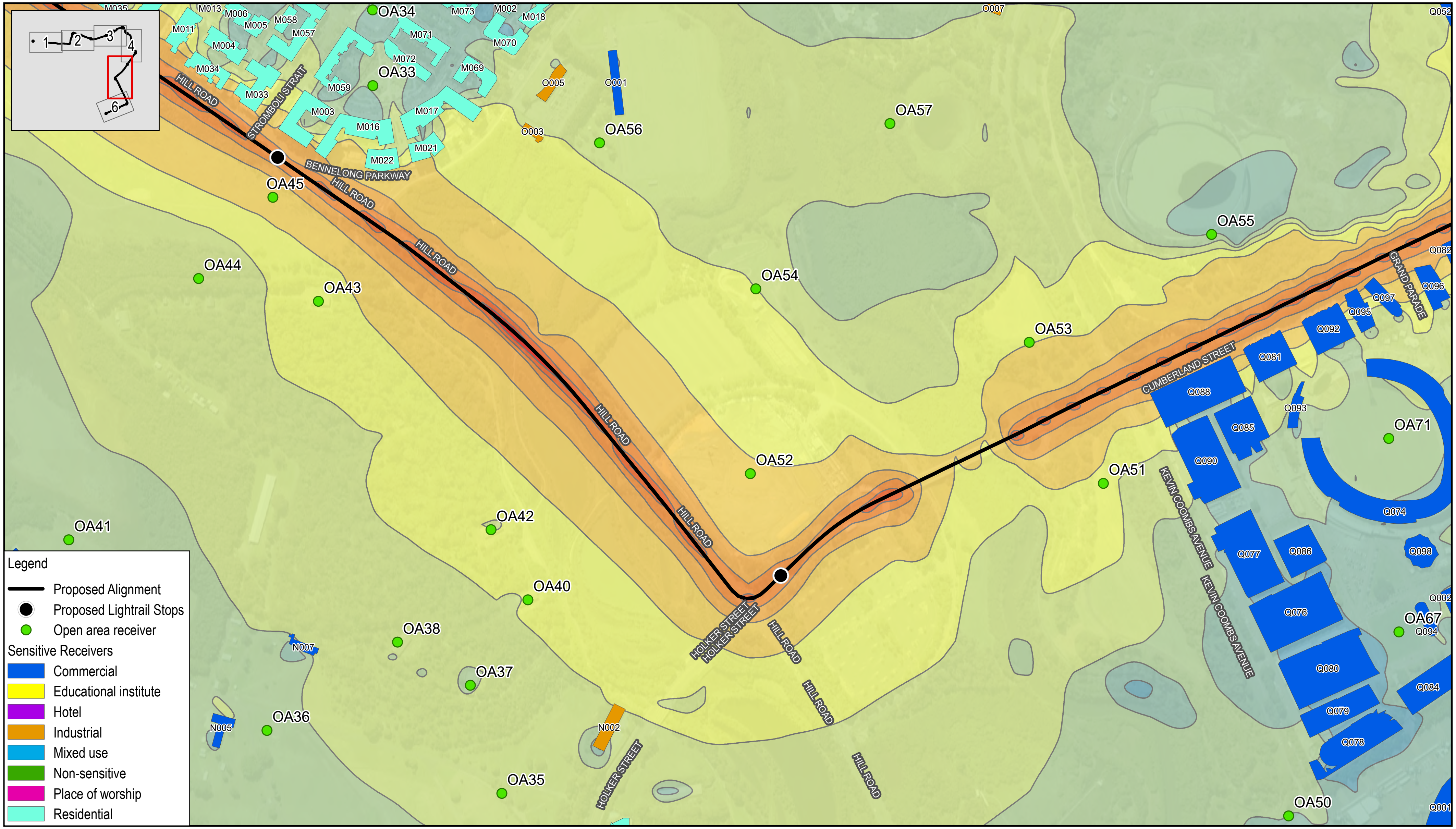
Operational noise contour, LAeq(1 hour) dBA - Opening year + 10 years

Project No. **12557728**
Revision No. **-**
Date **28/06/2022**

FIGURE G-3.4

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:20

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(1hr) dBA

20	40	60
25	45	65
30	50	70
35	55	

Paper Size ISO A4

0 100 200

Metres

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

N

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

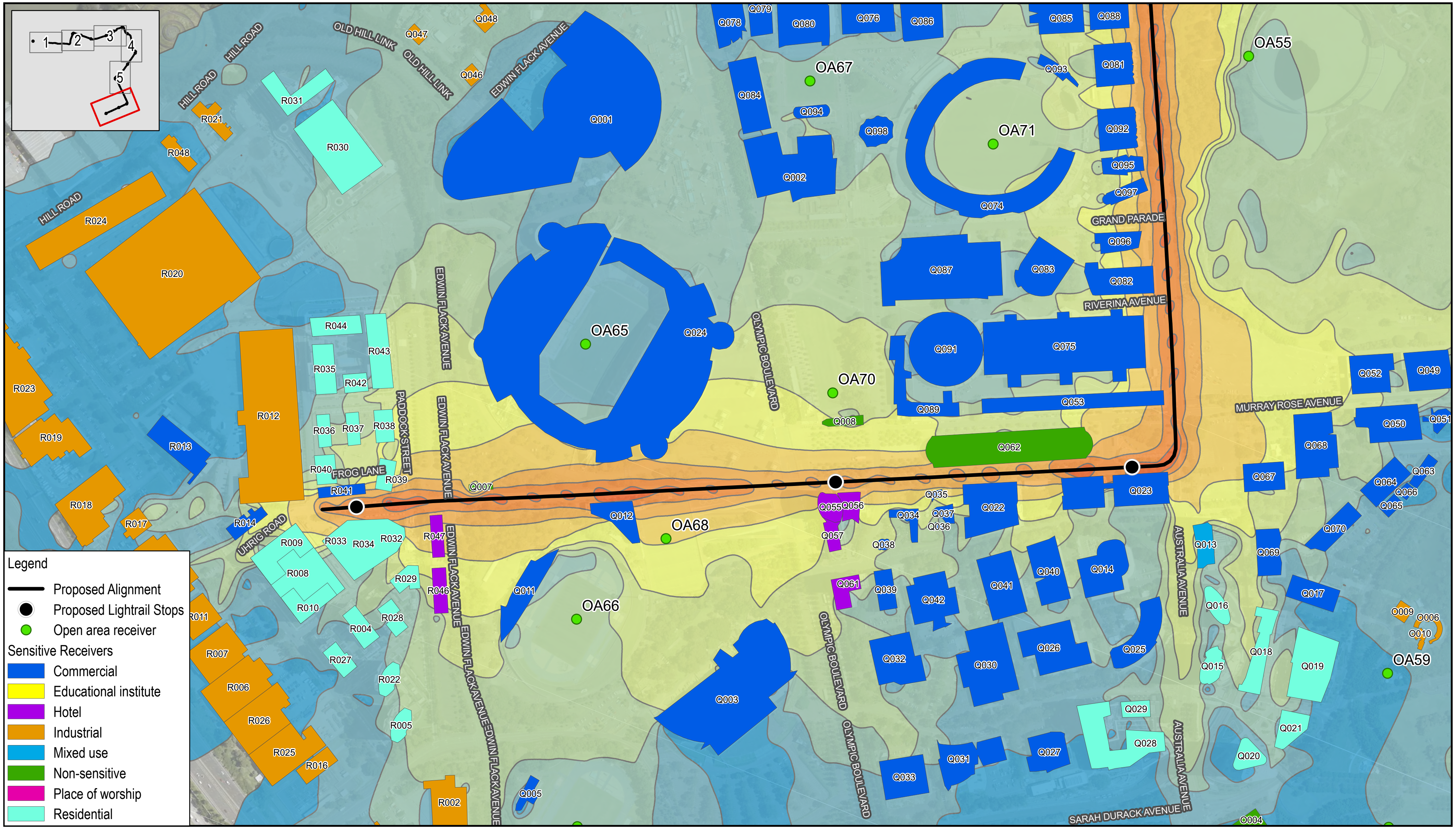
Operational noise contour, LAeq(1 hour) dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-3.5

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:20

Data source: Metromap Tile Service: . Created by: lmanasan



Noise contours, LAeq(1hr) dBA

20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70

Paper Size ISO A4

0 100 200

Metres

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

N

GHD

Transport for NSW
Parramatta Light Rail Stage 2 EIS
Noise and vibration impact assessment

Operational noise contour, LAeq(1 hour) dBA - Opening year + 10 years

Project No. 12557728
Revision No. -
Date 28/06/2022

FIGURE G-3.6

N:\AU\Sydney\Projects\21\12557728\GIS\Maps\NSE.aprx
Print date: 28 Jun 2022 - 19:20

Data source: Metromap Tile Service: . Created by: lmanasan

G-4 Operational noise and vibration results at sensitive receivers

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
B001	TRUE	Industrial	21 Grand Avenue Camellia		67	63	88	68	66				No	55			0.027	0.019	0.077
B002		Industrial	35 Grand Avenue Camellia		52	48	69	53	51				No	33			0.004	0.003	0.009
B003		Industrial	14 Thackeray Street Camellia		46	41	62	47	44				No	9			0.001	0.000	0.001
B004		Industrial	14 Thackeray Street Camellia		48	44	57	49	47				No	6			0.000	0.000	0.001
B005		Industrial	14 Thackeray Street Camellia		42	38	55	43	41				No	0			0.000	0.000	0.001
B006		Industrial	14 Thackeray Street Camellia		45	40	58	46	43				No	10			0.001	0.000	0.001
B007		Industrial	2-8 Thackeray Street Camellia		50	46	65	51	49				No	29			0.002	0.002	0.006
B008		Industrial	2-8 Thackeray Street Camellia		50	46	68	51	49				No	30			0.002	0.002	0.007
B009		Industrial	3 Thackeray Street Camellia		46	41	61	46	44				No	11			0.001	0.000	0.001
B010		Industrial	3 Thackeray Street Camellia		64	59	85	64	62				No	51			0.017	0.012	0.049
B012		Industrial	3 Thackeray Street Camellia		46	42	63	47	45				No	7			0.000	0.000	0.001
B026		Industrial	9 Devon Street Rosehill		44	40	58	45	43				No	0			0.000	0.000	0.001
B031		Industrial	10 Grand Avenue Rosehill		49	44	61	50	47				No	6			0.000	0.000	0.001
B032		Industrial	10 Grand Avenue Rosehill		52	47	68	53	51				No	11			0.001	0.000	0.002
B035		Industrial	10 Grand Avenue Rosehill		53	48	65	54	51				No	11			0.001	0.000	0.001
B039		Industrial	12 Grand Avenue Rosehill		51	46	62	52	49				No	13			0.001	0.000	0.002
B040		Industrial	12 Grand Avenue Rosehill		51	47	64	52	50				No	16			0.001	0.001	0.002
B041		Industrial	12 Grand Avenue Rosehill		45	40	58	46	44				No	0			0.000	0.000	0.000
B042		Industrial	12 Grand Avenue Rosehill		53	48	66	53	51				No	24			0.001	0.001	0.004
C003		Commercial	1 Grand Avenue Camellia		56	52	68	57	55	60			No	32			0.004	0.003	0.007
C004		Industrial	11 Grand Avenue Camellia		65	61	83	66	64				No	47			0.015	0.010	0.036
C005		Industrial	11 Grand Avenue Camellia		62	57	78	63	61				No	40			0.006	0.005	0.017
C006		Industrial	11 Grand Avenue Camellia		64	59	80	64	62				No	44			0.011	0.008	0.026
C007		Industrial	11-11 Grand Avenue Camellia		64	60	81	65	63				No	46			0.012	0.009	0.029
C008		Industrial	11-11 Grand Avenue Camellia		65	60	83	65	63				No	50			0.018	0.013	0.048
C009		Industrial	11-11 Grand Avenue Camellia		62	58	79	63	61				No	40			0.007	0.005	0.017
C010		Industrial	11-11 Grand Avenue Camellia		54	50	69	55	53				No	31			0.003	0.002	0.008
C011		Industrial	13 Grand Avenue Camellia		62	58	82	63	61				No	46			0.011	0.008	0.032
C012		Industrial	13 Grand Avenue Camellia		62	58	82	63	61				No	47			0.012	0.008	0.034
C013		Industrial	13 Grand Avenue Camellia		71	67	95	72	70				No	54			0.029	0.021	0.073
C014		Industrial	15 Grand Avenue Camellia		67	63	90	68	66				No	55			0.027	0.019	0.080
C015		Industrial	15 Grand Avenue Camellia		66	62	88	67	65				No	54			0.024	0.017	0.070
C016		Industrial	15 Grand Avenue Camellia		56	52	74	57	55				No	32			0.003	0.002	0.008
C017		Industrial	19 Grand Avenue Camellia		66	61	88	67	64				No	51			0.019	0.013	0.052
C018	TRUE	Industrial	27 Grand Avenue Camellia		65	61	87	66	64				No	46			0.011	0.008	0.031
C019		Industrial	3 Grand Avenue Camellia		60	56	75	61	59				No	39			0.007	0.005	0.015
C020		Industrial	7 Grand Avenue Camellia		62	58	79	63	61				No	43			0.010	0.007	0.024
E025		Industrial	29 Antoine Street Rydalmere		42	38	56	43	41				No	0			0.000	0.000	0.000
E026		Industrial	30 Antoine Street Rydalmere		44	39	56	44	42				No	0			0.000	0.000	0.001
E027		Industrial	32 Antoine Street Rydalmere		47	42	60	48	46				No	5			0.000	0.000	0.001
E028		Industrial	33 Antoine Street Rydalmere		45	40	57	45	43				No	1			0.000	0.000	0.001
E029		Industrial	35 Antoine Street Rydalmere		45	41	59	46	44				No	4			0.000	0.000	0.001
E030		Industrial	37 Antoine Street Rydalmere		47	43	62	48	46				No	11			0.000	0.000	0.001
E031		Industrial	39 Antoine Street Rydalmere		46	42	62	47	45				No	12			0.001	0.000	0.001
E034		Industrial	41 Antoine Street Rydalmere		43	39	57	44	42				No	17			0.001	0.001	0.002
E035		Industrial	43 Antoine Street Rydalmere		53	49	68	54	52				No	29			0.002	0.002	0.005
E036		Residential	47 Antoine Street Rydalmere		54	49	71	55	53	60	50	80	No	33	35		0.003	0.002	0.007
E037		Residential	47 Antoine Street Rydalmere		52	48	70	53	51	60	50	80	No	28	35		0.002	0.001	0.005
E038	TRUE	Industrial	48 Antoine Street Rydalmere		59	55	81	60	58				No	47			0.012	0.009	0.034
E039		Residential	51 Antoine Street Rydalmere		50	45	67	51	48	60	50	80	No	22	35		0.001	0.001	0.003
E040		Residential	53 Antoine Street Rydalmere		50	45	67	51	48	60	50	80	No	18	35		0.001	0.001	0.002
E041		Residential	54 Antoine Street Rydalmere		53	48	70	53	51	60	50	80	No	22	35		0.001	0.001	0.003
E042		Residential	55 Antoine Street Rydalmere		48	44	65	49	47	60	50	80	No	14	35		0.001	0.000	0.001
E043		Residential	56 Antoine Street Rydalmere		49	44	66	50	48	60	50	80	No	17	35		0.001	0.001	0.002
E044		Residential	57 Antoine Street Rydalmere		48	43	65	49	46	60	50	80	No	15	35		0.001	0.000	0.002
E045		Residential	58 Antoine Street Rydalmere		46	41	60	47	44	60	50	80	No	7	35		0.000	0.000	0.001
E046		Residential	58 Antoine Street Rydalmere		47	43	62	48	46	60	50	80	No	12	35		0.001	0.000	0.001
E047		Residential	59 Antoine Street Rydalmere		47	42	63	48	46	60	50	80	No	15	35		0.001	0.000	0.002
E056		Residential	60 Antoine Street Rydalmere		46	41	60	46	44	60	50	80	No	2	35		0.000	0.000	0.001
E057		Residential	61 Antoine Street Rydalmere		46	42	62	47	45	60	50	80	No	19	35		0.001	0.001	0.002
E058		Residential	62 Antoine Street Rydalmere		45	40	60	46	44	60	50	80	No	3	35		0.000	0.000	0.001
E059		Residential	63 Antoine Street Rydalmere		44	40	56	45	43	60	50	80	No	19	35		0.001	0.001	0.002
E060		Residential	64 Antoine Street Rydalmere		43	39	56	44	42	60	50	80	No	3	35		0.000	0.000	0.001
E061		Residential	65 Antoine Street Rydalmere		44	40	59	45	43	60	50	80	No	22	35		0.001	0.001	0.003
E062		Residential	66 Antoine Street Rydalmere		46	42	60	47	45	60	50	80	No	3	35		0.000	0.000	0.001
E063		Residential	66 Antoine Street Rydalmere		43	38	54	44	42	60	50	80	No	4	35		0.000	0.000	0.001
E064		Residential	67 Antoine Street Rydalmere		44	40	60	45	43	60	50	80	No	20	35		0.001	0.001	0.003
E065		Residential	69 Antoine Street Rydalmere		47	42	60	47	45	60	50	80	No	18	35		0.001	0.001	0.002
E066		Residential	71 Antoine Street Rydalmere		45	40	60	46	44	60	50	80	No	20	35		0.001	0.001	0.003
E067		Residential	73 Antoine Street Rydalmere		44	40	60	45	43	60	50	80	No	21	35		0.001	0.001	0.003
E068		Residential	75 Antoine Street Rydalmere		44	39	59	45	42	60	50	80	No	18	35		0.001	0.001	0.002
E069		Residential	75 Antoine Street Rydalmere		44	39	60	45	42	60	50	80	No	18	35		0.001	0.001	0.002
E092		Residential	1 Dorothy Street Rydalmere		48	44	60	49	47	60	50	80	No	10	35		0.000	0.000	0.001
E093		Residential	10 Dorothy Street Rydalmere		54	49	68	54	52	60	50	80	No	30	35		0.002	0.002	0.005
E094		Residential	10 Dorothy Street Rydalmere		55	50	70	55	53	60	50	80	No	32	35		0.003	0.002	0.006
E095		Residential	11 Dorothy Street Rydalmere		47	42	57	48	46	60	50	80	No	11	35		0.000	0.000	0.001
E096		Residential	13 Dorothy Street Rydalmere		42	38	53	43	41	60	50	80	No	11	35		0.000	0.000	0.001
E097		Residential	14 Dorothy Street Rydalmere		54	49	67	55	52	60	50	80	No	31	35		0.003	0.002	0.006

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
E098		Residential	15 Dorothy Street Rydalmere		47	42	57	48	46	60	50	80	No	13	35		0.001	0.000	0.001
E099		Residential	16 Dorothy Street Rydalmere		55	51	71	56	54	60	50	80	No	39	35		0.005	0.004	0.014
E100		Residential	17 Dorothy Street Rydalmere		41	36	55	42	39	60	50	80	No	12	35		0.000	0.000	0.001
E101		Residential	18 Dorothy Street Rydalmere		53	49	69	54	52	60	50	80	No	35	35		0.004	0.003	0.009
E102		Residential	19 Dorothy Street Rydalmere		41	36	56	42	39	60	50	80	No	14	35		0.001	0.000	0.001
E103		Residential	2 Dorothy Street Rydalmere		55	50	71	56	54	60	50	80	No	30	35		0.002	0.002	0.005
E104		Residential	20 Dorothy Street Rydalmere		54	50	70	55	53	60	50	80	No	36	35		0.004	0.003	0.011
E105		Residential	21 Dorothy Street Rydalmere		47	42	60	48	45	60	50	80	No	17	35		0.001	0.001	0.002
E106		Residential	22 Dorothy Street Rydalmere		55	50	71	55	53	60	50	80	No	38	35		0.005	0.003	0.012
E107		Residential	23 Dorothy Street Rydalmere		47	43	60	48	46	60	50	80	No	18	35		0.001	0.001	0.002
E108		Residential	24 Dorothy Street Rydalmere		55	50	72	56	53	60	50	80	No	39	35		0.005	0.004	0.014
E109		Residential	25 Dorothy Street Rydalmere		47	43	60	48	46	60	50	80	No	16	35		0.001	0.001	0.002
E110		Residential	26 Dorothy Street Rydalmere		55	50	72	55	53	60	50	80	No	38	35		0.005	0.003	0.013
E111		Residential	27 Dorothy Street Rydalmere		47	43	59	48	46	60	50	80	No	17	35		0.001	0.001	0.002
E112		Residential	28 Dorothy Street Rydalmere		55	50	72	56	53	60	50	80	No	39	35		0.005	0.004	0.014
E113		Residential	29 Dorothy Street Rydalmere		47	43	61	48	46	60	50	80	No	17	35		0.001	0.001	0.002
E114		Residential	3 Dorothy Street Rydalmere		43	38	57	44	41	60	50	80	No	11	35		0.000	0.000	0.001
E115		Residential	30 Dorothy Street Rydalmere		54	50	72	55	53	60	50	80	No	38	35		0.004	0.003	0.012
E116		Residential	4 Dorothy Street Rydalmere		57	52	74	58	55	60	50	80	No	35	35		0.004	0.003	0.009
E117		Residential	4 Dorothy Street Rydalmere		53	48	69	54	51	60	50	80	No	30	35		0.002	0.002	0.005
E118		Residential	5 Dorothy Street Rydalmere		43	38	57	43	41	60	50	80	No	10	35		0.000	0.000	0.001
E119		Residential	7 Dorothy Street Rydalmere		47	43	58	48	46	60	50	80	No	10	35		0.000	0.000	0.001
E120		Residential	8 Dorothy Street Rydalmere		54	50	70	55	53	60	50	80	No	31	35		0.003	0.002	0.006
E121		Residential	9 Dorothy Street Rydalmere		47	43	58	48	46	60	50	80	No	11	35		0.000	0.000	0.001
E142		Residential	10 Gladys Street Rydalmere		45	41	58	46	44	60	50	80	No	0	35		0.000	0.000	0.000
E145		Residential	12 Gladys Street Rydalmere		39	35	49	40	38	60	50	80	No	0	35		0.000	0.000	0.000
E147		Residential	14 Gladys Street Rydalmere		39	34	48	40	37	60	50	80	No	0	35		0.000	0.000	0.000
E149		Residential	16 Gladys Street Rydalmere		42	38	53	43	41	60	50	80	No	0	35		0.000	0.000	0.000
E151		Residential	18 Gladys Street Rydalmere		45	40	56	46	43	60	50	80	No	0	35		0.000	0.000	0.000
E152		Residential	2 Gladys Street Rydalmere		46	41	57	46	44	60	50	80	No	0	35		0.000	0.000	0.000
E153		Residential	20 Gladys Street Rydalmere		45	40	55	46	44	60	50	80	No	0	35		0.000	0.000	0.000
E154		Residential	22 Gladys Street Rydalmere		44	40	56	45	43	60	50	80	No	0	35		0.000	0.000	0.000
E155		Residential	24 Gladys Street Rydalmere		38	34	51	39	37	60	50	80	No	0	35		0.000	0.000	0.001
E156		Residential	24 Gladys Street Rydalmere		41	37	54	42	40	60	50	80	No	2	35		0.000	0.000	0.001
E157		Residential	28 Gladys Street Rydalmere		43	39	55	44	42	60	50	80	No	0	35		0.000	0.000	0.001
E159		Residential	30 Gladys Street Rydalmere		44	39	57	44	42	60	50	80	No	1	35		0.000	0.000	0.001
E160		Residential	30 Gladys Street Rydalmere		41	37	56	42	40	60	50	80	No	5	35		0.000	0.000	0.001
E161		Residential	4 Gladys Street Rydalmere		40	36	51	41	39	60	50	80	No	0	35		0.000	0.000	0.000
E163		Residential	6 Gladys Street Rydalmere		44	40	56	45	43	60	50	80	No	0	35		0.000	0.000	0.000
E165		Residential	8 Gladys Street Rydalmere		44	40	57	45	43	60	50	80	No	0	35		0.000	0.000	0.000
E173		Residential	15 John Street Rydalmere		48	43	62	48	46	60	50	80	No	9	35		0.000	0.000	0.001
E174		Residential	17 John Street Rydalmere		49	44	63	50	47	60	50	80	No	5	35		0.000	0.000	0.001
E175		Residential	19 John Street Rydalmere		46	41	59	46	44	60	50	80	No	2	35		0.000	0.000	0.001
E176		Residential	21 John Street Rydalmere		45	41	58	46	44	60	50	80	No	0	35		0.000	0.000	0.001
E184		Residential	28 John Street Rydalmere		41	36	54	42	39	60	50	80	No	0	35		0.000	0.000	0.000
E187		Residential	30 John Street Rydalmere		39	35	50	40	38	60	50	80	No	0	35		0.000	0.000	0.000
E189		Residential	32 John Street Rydalmere		38	33	47	38	36	60	50	80	No	0	35		0.000	0.000	0.000
E190		Residential	34 John Street Rydalmere		45	40	60	45	43	60	50	80	No	3	35		0.000	0.000	0.001
E192		Residential	36 John Street Rydalmere		47	43	62	48	46	60	50	80	No	8	35		0.000	0.000	0.001
E193		Residential	38 John Street Rydalmere		46	42	62	47	45	60	50	80	No	12	35		0.000	0.000	0.001
E194		Residential	40 John Street Rydalmere		49	45	65	50	48	60	50	80	No	18	35		0.001	0.001	0.002
E195		Residential	42 John Street Rydalmere		50	45	66	51	48	60	50	80	No	22	35		0.001	0.001	0.002
E196		Residential	44 John Street Rydalmere		50	45	67	51	49	60	50	80	No	27	35		0.002	0.001	0.004
E197		Residential	46 John Street Rydalmere		56	51	72	57	54	60	50	80	No	33	35		0.003	0.002	0.007
E199	TRUE	Industrial	52 John Street Rydalmere		67	62	86	67	65				No	46			0.012	0.009	0.028
E200	TRUE	Industrial	54 John Street Rydalmere		69	64	88	70	67				No	55			0.031	0.022	0.074
E201	TRUE	Industrial	60 John Street Rydalmere		58	53	77	59	57				No	45			0.010	0.007	0.027
E209		Residential	2 Milton Street Rydalmere		43	38	54	44	41	60	50	80	No	6	35		0.000	0.000	0.001
E213		Residential	4 Milton Street Rydalmere		43	38	55	44	42	60	50	80	No	2	35		0.000	0.000	0.001
E214		Residential	6 Milton Street Rydalmere		43	39	56	44	42	60	50	80	No	0	35		0.000	0.000	0.001
E260		Residential	102 South Street Rydalmere		55	51	72	56	54	60	50	80	No	38	35		0.005	0.004	0.011
E261		Residential	104 South Street Rydalmere		55	50	68	55	53	60	50	80	No	38	35	Yes	0.005	0.004	0.012
E262		Residential	104 South Street Rydalmere		55	50	69	55	53	60	50	80	No	37	35		0.005	0.003	0.011
E263		Residential	108 South Street Rydalmere		54	50	68	55	53	60	50	80	No	38	35		0.005	0.004	0.011
E264		Residential	110 South Street Rydalmere		56	51	71	56	54	60	50	80	No	40	35	Yes	0.006	0.005	0.014
E265		Residential	112 South Street Rydalmere		55	51	71	56	54	60	50	80	No	41	35	Yes	0.007	0.005	0.017
E266		Residential	114 South Street Rydalmere		56	51	72	56	54	60	50	80	No	42	35		0.008	0.006	0.018
E267		Residential	116 South Street Rydalmere		56	51	73	57	55	60	50	80	No	42	35		0.008	0.006	0.019
E268		Residential	116 South Street Rydalmere		56	52	74	57	55	60	50	80	No	43	35	Yes	0.009	0.006	0.021
E269		Residential	120 South Street Rydalmere		57	53	76	58	56	60	50	80	No	45	35	Yes	0.010	0.007	0.025
E270		Residential	122 South Street Rydalmere		56	51	74	57	55	60	50	80	No	44	35		0.009	0.006	0.022
E271		Residential	124 South Street Rydalmere		56	52	74	57	55	60	50	80	No	44	35	Yes	0.009	0.006	0.024
E293		Industrial	80 South Street Rydalmere		38	34	54	39	37				No	0			0.000	0.000	0.000
E294		Industrial	84 South Street Rydalmere		35	30	43	36	33				No	0			0.000	0.000	0.000
E295		Industrial	86 South Street Rydalmere		42	38	57	43	41				No	0			0.000	0.000	0.000
E296		Industrial	88 South Street Rydalmere		43	39	58	44	42				No	2			0.000	0.000	0.001
E297		Industrial	90 South Street Rydalmere		44	40	60	45	43				No	9			0.000	0.000	0.001
E298		Industrial	94 South Street Rydalmere		51	47	67	52	50				No	21			0.001	0.001	0.002

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
E299	TRUE	Industrial	96 South Street Rydalmere		59	55	77	60	58				No	36			0.004	0.003	0.010
E300		Industrial	96 South Street Rydalmere		54	49	70	54	52				No	26			0.002	0.001	0.004
E301		Residential	98 South Street Rydalmere		58	53	75	59	56	60	50	80	No	39	35		0.006	0.004	0.012
E302		Residential	98 South Street Rydalmere		56	51	72	56	54	60	50	80	No	37	35		0.005	0.003	0.011
F002		Residential	101 Antoine Street Rydalmere		43	39	52	44	42	60	50	80	No	14	35		0.001	0.000	0.001
F003		Residential	103 Antoine Street Rydalmere		45	40	57	46	44	60	50	80	No	17	35		0.001	0.001	0.002
F004		Residential	105 Antoine Street Rydalmere		46	41	58	46	44	60	50	80	No	15	35		0.001	0.000	0.002
F005		Residential	107 Antoine Street Rydalmere		43	38	54	44	42	60	50	80	No	15	35		0.001	0.000	0.002
F006		Residential	109 Antoine Street Rydalmere		45	40	57	45	43	60	50	80	No	20	35		0.001	0.001	0.002
F007		Residential	111 Antoine Street Rydalmere		43	38	56	43	41	60	50	80	No	17	35		0.001	0.001	0.002
F008		Residential	113 Antoine Street Rydalmere		41	37	54	42	40	60	50	80	No	17	35		0.001	0.001	0.002
F009		Residential	115 Antoine Street Rydalmere		47	43	62	48	46	60	50	80	No	18	35		0.001	0.001	0.002
F010		Commercial	70 Antoine Street Rydalmere		43	39	55	44	42	60			No	0			0.000	0.000	0.001
F011		Commercial	72 Antoine Street Rydalmere		43	38	54	44	41	60			No	0			0.000	0.000	0.001
F012		Residential	74 Antoine Street Rydalmere		42	38	55	43	41	60	50	80	No	1	35		0.000	0.000	0.001
F013		Residential	76 Antoine Street Rydalmere		42	38	55	43	41	60	50	80	No	0	35		0.000	0.000	0.000
F014		Residential	76 Antoine Street Rydalmere		45	41	56	46	44	60	50	80	No	0	35		0.000	0.000	0.000
F015		Residential	79 Antoine Street Rydalmere		43	38	59	44	41	60	50	80	No	18	35		0.001	0.001	0.002
F016		Residential	79 Antoine Street Rydalmere		46	41	61	47	45	60	50	80	No	26	35		0.002	0.001	0.004
F017		Residential	80 Antoine Street Rydalmere		42	37	54	43	40	60	50	80	No	0	35		0.000	0.000	0.000
F018		Residential	82 Antoine Street Rydalmere		41	36	52	41	39	60	50	80	No	0	35		0.000	0.000	0.000
F019		Residential	83 Antoine Street Rydalmere		48	43	63	48	46	60	50	80	No	23	35		0.001	0.001	0.003
F020		Residential	84 Antoine Street Rydalmere		47	42	58	48	45	60	50	80	No	4	35		0.000	0.000	0.001
F021		Residential	85 Antoine Street Rydalmere		42	38	57	43	41	60	50	80	No	20	35		0.001	0.001	0.003
F022		Residential	87 Antoine Street Rydalmere		45	41	61	46	44	60	50	80	No	22	35		0.001	0.001	0.003
F023		Residential	89 Antoine Street Rydalmere		46	41	61	47	45	60	50	80	No	19	35		0.001	0.001	0.002
F024		Residential	91 Antoine Street Rydalmere		44	40	61	45	43	60	50	80	No	19	35		0.001	0.001	0.002
F025		Residential	93 Antoine Street Rydalmere		44	39	61	45	42	60	50	80	No	19	35		0.001	0.001	0.002
F026		Residential	95 Antoine Street Rydalmere		44	39	60	45	43	60	50	80	No	24	35		0.001	0.001	0.003
F027		Residential	95 Antoine Street Rydalmere		43	38	56	44	41	60	50	80	No	17	35		0.001	0.001	0.002
F028		Residential	97 Antoine Street Rydalmere		44	40	55	45	43	60	50	80	No	17	35		0.001	0.001	0.002
F029		Residential	99 Antoine Street Rydalmere		47	43	58	48	46	60	50	80	No	13	35		0.001	0.000	0.001
F030		Residential	31 Dorothy Street Rydalmere		48	43	63	49	47	60	50	80	No	18	35		0.001	0.001	0.002
F031		Residential	32 Dorothy Street Rydalmere		46	41	64	47	44	60	50	80	No	37	35	Yes	0.004	0.003	0.011
F032		Residential	32 Dorothy Street Rydalmere		42	37	59	43	40	60	50	80	No	34	35		0.003	0.002	0.009
F033		Residential	33 Dorothy Street Rydalmere		48	43	62	49	46	60	50	80	No	19	35		0.001	0.001	0.002
F034		Residential	35 Dorothy Street Rydalmere		46	42	58	47	45	60	50	80	No	18	35		0.001	0.001	0.002
F035		Residential	37 Dorothy Street Rydalmere		46	41	57	47	44	60	50	80	No	17	35		0.001	0.001	0.002
F036		Residential	39 Dorothy Street Rydalmere		42	37	53	42	40	60	50	80	No	17	35		0.001	0.001	0.002
F037		Residential	41 Dorothy Street Rydalmere		42	38	54	43	41	60	50	80	No	18	35		0.001	0.001	0.002
F038		Residential	43 Dorothy Street Rydalmere		46	42	58	47	45	60	50	80	No	18	35		0.001	0.001	0.002
F039		Residential	45 Dorothy Street Rydalmere		45	40	57	45	43	60	50	80	No	16	35		0.001	0.001	0.002
F040		Residential	47 Dorothy Street Rydalmere		44	40	56	45	43	60	50	80	No	17	35		0.001	0.001	0.002
F041		Residential	49 Dorothy Street Rydalmere		44	40	56	45	43	60	50	80	No	16	35		0.001	0.001	0.002
F042		Residential	51 Dorothy Street Rydalmere		47	42	58	47	45	60	50	80	No	17	35		0.001	0.001	0.002
F043		Residential	53 Dorothy Street Rydalmere		47	42	58	48	45	60	50	80	No	17	35		0.001	0.001	0.002
F044		Residential	55 Dorothy Street Rydalmere		45	40	55	46	43	60	50	80	No	16	35		0.001	0.000	0.002
F045		Residential	57 Dorothy Street Rydalmere		45	40	53	45	43	60	50	80	No	15	35		0.001	0.000	0.002
F046		Residential	59 Dorothy Street Rydalmere		47	42	56	47	45	60	50	80	No	13	35		0.001	0.000	0.001
F047		Residential	61 Dorothy Street Rydalmere		47	42	57	48	45	60	50	80	No	12	35		0.001	0.000	0.001
F048		Residential	63 Dorothy Street Rydalmere		45	40	56	45	43	60	50	80	No	9	35		0.000	0.000	0.001
F049		Residential	65 Dorothy Street Rydalmere		47	42	59	48	45	60	50	80	No	10	35		0.000	0.000	0.001
F050		Residential	67 Dorothy Street Rydalmere		43	39	57	44	42	60	50	80	No	14	35		0.001	0.000	0.001
F065		Residential	22 Fallon Street Rydalmere		44	39	60	44	42	60	50	80	No	5	35		0.000	0.000	0.001
F066		Residential	24 Fallon Street Rydalmere		47	42	62	48	45	60	50	80	No	10	35		0.000	0.000	0.001
F067		Residential	26 Fallon Street Rydalmere		45	41	61	46	44	60	50	80	No	17	35		0.001	0.001	0.002
F068		Residential	28 Fallon Street Rydalmere		47	43	63	48	46	60	50	80	No	24	35		0.001	0.001	0.003
F071		Residential	30 Fallon Street Rydalmere		52	48	68	53	51	60	50	80	No	29	35		0.002	0.002	0.006
F073		Residential	33 Fallon Street Rydalmere		45	41	59	46	44	60	50	80	No	0	35		0.000	0.000	0.001
F074		Residential	35 Fallon Street Rydalmere		44	40	59	45	43	60	50	80	No	2	35		0.000	0.000	0.001
F075		Residential	37 Fallon Street Rydalmere		45	41	62	46	44	60	50	80	No	8	35		0.000	0.000	0.001
F076		Residential	39 Fallon Street Rydalmere		48	43	63	49	46	60	50	80	No	14	35		0.001	0.000	0.002
F078		Residential	40 Fallon Street Rydalmere		44	40	56	45	43	60	50	80	No	3	35		0.000	0.000	0.001
F079		Residential	41 Fallon Street Rydalmere		46	42	64	47	45	60	50	80	No	21	35		0.001	0.001	0.003
F080		Residential	42 Fallon Street Rydalmere		42	38	54	43	41	60	50	80	No	0	35		0.000	0.000	0.001
F081		Residential	43 Fallon Street Rydalmere		53	49	70	54	52	60	50	80	No	27	35		0.002	0.001	0.005
F083		Residential	45 Fallon Street Rydalmere		51	47	69	52	50	60	50	80	No	38	35	Yes	0.005	0.003	0.013
F085		Residential	47 Fallon Street Rydalmere		56	51	74	57	54	60	50	80	No	45	35	Yes	0.010	0.007	0.026
F087	TRUE	Residential	49 Fallon Street Rydalmere		50	45	66	51	48	60	50	80	No	41	35		0.006	0.005	0.017
F091		Residential	53 Fallon Street Rydalmere		48	43	63	48	46	60	50	80	No	29	35		0.002	0.002	0.005
F094		Residential	55 Fallon Street Rydalmere		45	41	60	46	44	60	50	80	No	23	35		0.001	0.001	0.003
F095		Residential	57 Fallon Street Rydalmere		48	44	61	49	47	60	50	80	No	16	35		0.001	0.001	0.002
F098		Residential	59 Fallon Street Rydalmere		42	38	56	43	41	60	50	80	No	10	35		0.000	0.000	0.001
F101		Residential	61 Fallon Street Rydalmere		43	38	55	44	42	60	50	80	No	2	35		0.000	0.000	0.001
F103		Residential	63 Fallon Street Rydalmere		41	37	55	42	40	60	50	80	No	0	35		0.000	0.000	0.001
F151		Residential	32 Gladys Street Rydalmere		42	38	56	43	41	60	50	80	No	2	35		0.000	0.000	0.001
F153		Residential	34 Gladys Street Rydalmere		41	36	51	42	40	60	50	80	No	0	35		0.000	0.000	0.001
F155		Residential	36 Gladys Street Rydalmere		41	37	53	42	40	60	50	80	No	2	35		0.000	0.000	0.001

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
F157		Residential	38 Gladys Street Rydalmere		41	37	52	42	40	60	50	80	No	1	35		0.000	0.000	0.001
F158		Residential	38 Gladys Street Rydalmere		41	36	51	41	39	60	50	80	No	0	35		0.000	0.000	0.001
F162		Residential	42 Gladys Street Rydalmere		41	37	51	42	40	60	50	80	No	1	35		0.000	0.000	0.001
F163		Residential	42 Gladys Street Rydalmere		44	39	55	44	42	60	50	80	No	0	35		0.000	0.000	0.001
F165		Residential	46 Gladys Street Rydalmere		43	39	54	44	42	60	50	80	No	0	35		0.000	0.000	0.001
F168		Residential	50 Gladys Street Rydalmere		44	40	54	45	43	60	50	80	No	3	35		0.000	0.000	0.001
F169		Residential	52 Gladys Street Rydalmere		39	34	49	40	37	60	50	80	No	0	35		0.000	0.000	0.001
F170		Residential	54 Gladys Street Rydalmere		43	38	54	44	42	60	50	80	No	0	35		0.000	0.000	0.001
F171		Residential	56 Gladys Street Rydalmere		44	40	54	45	43	60	50	80	No	1	35		0.000	0.000	0.001
F172		Residential	58 Gladys Street Rydalmere		45	40	54	45	43	60	50	80	No	0	35		0.000	0.000	0.001
F173		Residential	60 Gladys Street Rydalmere		44	39	54	45	42	60	50	80	No	0	35		0.000	0.000	0.000
F174		Residential	62 Gladys Street Rydalmere		42	37	54	43	40	60	50	80	No	0	35		0.000	0.000	0.000
F175		Residential	64 Gladys Street Rydalmere		42	38	54	43	41	60	50	80	No	0	35		0.000	0.000	0.000
F176		Residential	66 Gladys Street Rydalmere		44	40	55	45	43	60	50	80	No	0	35		0.000	0.000	0.000
F177		Residential	68 Gladys Street Rydalmere		44	40	56	45	43	60	50	80	No	0	35		0.000	0.000	0.000
F226		Residential	1 Milton Street Rydalmere		43	38	55	44	41	60	50	80	No	7	35		0.000	0.000	0.001
F227		Residential	1 Milton Street Rydalmere		42	37	52	43	40	60	50	80	No	5	35		0.000	0.000	0.001
F236		Residential	3 Milton Street Rydalmere		44	40	56	45	43	60	50	80	No	3	35		0.000	0.000	0.001
F237		Residential	5 Milton Street Rydalmere		41	37	54	42	40	60	50	80	No	0	35		0.000	0.000	0.001
F249		Residential	2 Nowill Street Rydalmere		42	37	56	43	40	60	50	80	No	6	35		0.000	0.000	0.001
F264		Residential	4 Nowill Street Rydalmere		42	38	55	43	41	60	50	80	No	3	35		0.000	0.000	0.001
F266		Residential	6 Nowill Street Rydalmere		42	37	55	42	40	60	50	80	No	0	35		0.000	0.000	0.001
F290		Residential	15 Primrose Avenue Rydalmere		42	38	57	43	41	60	50	80	No	7	35		0.000	0.000	0.001
F292		Residential	17 Primrose Avenue Rydalmere		44	39	58	45	42	60	50	80	No	11	35		0.000	0.000	0.001
F294		Residential	19 Primrose Avenue Rydalmere		45	40	60	45	43	60	50	80	No	17	35		0.001	0.001	0.002
F297		Residential	21 Primrose Avenue Rydalmere		46	41	62	47	44	60	50	80	No	23	35		0.001	0.001	0.003
F299		Residential	23 Primrose Avenue Rydalmere		49	44	66	50	47	60	50	80	No	30	35		0.002	0.002	0.006
F301		Residential	25 Primrose Avenue Rydalmere		49	45	65	50	48	60	50	80	No	34	35		0.003	0.002	0.008
F306		Residential	33 Primrose Avenue Rydalmere		47	42	58	47	45	60	50	80	No	4	35		0.000	0.000	0.001
F307		Residential	34 Primrose Avenue Rydalmere		41	36	54	42	39	60	50	80	No	0	35		0.000	0.000	0.001
F308		Residential	35 Primrose Avenue Rydalmere		41	37	55	42	40	60	50	80	No	0	35		0.000	0.000	0.001
F309		Residential	36 Primrose Avenue Rydalmere		44	40	58	45	43	60	50	80	No	5	35		0.000	0.000	0.001
F310		Residential	37 Primrose Avenue Rydalmere		44	40	56	45	43	60	50	80	No	0	35		0.000	0.000	0.001
F311		Residential	38 Primrose Avenue Rydalmere		42	38	57	43	41	60	50	80	No	12	35		0.001	0.000	0.001
F314		Residential	40 Primrose Avenue Rydalmere		48	43	62	49	46	60	50	80	No	18	35		0.001	0.001	0.002
F316		Residential	42 Primrose Avenue Rydalmere		53	48	69	53	51	60	50	80	No	35	35		0.004	0.003	0.009
F318		Residential	46 Primrose Avenue Rydalmere		49	44	65	49	47	60	50	80	No	30	35		0.002	0.002	0.005
F320		Residential	48 Primrose Avenue Rydalmere		52	47	65	52	50	60	50	80	No	24	35		0.001	0.001	0.003
F324		Residential	50 Primrose Avenue Rydalmere		46	41	57	46	44	60	50	80	No	5	35		0.000	0.000	0.001
F326		Residential	52 Primrose Avenue Rydalmere		43	38	55	43	41	60	50	80	No	0	35		0.000	0.000	0.001
F345		Residential	126 South Street Rydalmere		57	53	75	58	56	60	50	80	No	45	35	Yes	0.010	0.007	0.026
F346		Residential	128 South Street Rydalmere		58	53	76	58	56	60	50	80	No	46	35	Yes	0.011	0.008	0.029
F347		Residential	130 South Street Rydalmere		57	53	76	58	56	60	50	80	No	46	35	Yes	0.010	0.007	0.027
F348		Residential	130 South Street Rydalmere		57	52	75	58	56	60	50	80	No	45	35	Yes	0.010	0.007	0.026
F349		Residential	134 South Street Rydalmere		57	52	75	57	55	60	50	80	No	44	35	Yes	0.009	0.006	0.024
F350		Residential	136 South Street Rydalmere		56	51	74	57	54	60	50	80	No	44	35	Yes	0.008	0.006	0.023
F351		Residential	138 South Street Rydalmere		57	52	75	58	55	60	50	80	No	44	35	Yes	0.008	0.006	0.023
F352		Residential	140 South Street Rydalmere		57	53	76	58	56	60	50	80	No	45	35	Yes	0.010	0.007	0.026
F353		Residential	142 South Street Rydalmere		55	51	74	56	54	60	50	80	No	44	35	Yes	0.008	0.006	0.024
F354		Residential	144 South Street Rydalmere		55	50	73	55	53	60	50	80	No	43	35	Yes	0.008	0.005	0.021
F355		Residential	146 South Street Rydalmere		55	50	73	56	53	60	50	80	No	43	35	Yes	0.008	0.006	0.021
F356		Residential	148 South Street Rydalmere		54	50	71	55	53	60	50	80	No	42	35	Yes	0.007	0.005	0.019
F357		Residential	148 South Street Rydalmere		54	50	70	55	53	60	50	80	No	41	35	Yes	0.006	0.004	0.016
F358		Residential	152 South Street Rydalmere		54	49	68	55	53	60	50	80	No	38	35	Yes	0.005	0.004	0.011
F359		Residential	154 South Street Rydalmere		54	49	66	55	52	60	50	80	No	37	35	Yes	0.005	0.003	0.010
F360		Residential	156 South Street Rydalmere		54	50	68	55	53	60	50	80	No	38	35		0.005	0.004	0.012
F361		Residential	158 South Street Rydalmere		55	51	71	56	54	60	50	80	No	41	35	Yes	0.007	0.005	0.015
F362		Residential	160 South Street Rydalmere		55	51	71	56	54	60	50	80	No	41	35		0.007	0.005	0.015
F363		Residential	162 South Street Rydalmere		56	51	72	56	54	60	50	80	No	42	35	Yes	0.007	0.005	0.018
F364		Residential	164 South Street Rydalmere		56	52	73	57	55	60	50	80	No	43	35	Yes	0.008	0.006	0.021
F365		Residential	166 South Street Rydalmere		57	52	75	57	55	60	50	80	No	46	35	Yes	0.010	0.007	0.026
F366		Residential	168 South Street Rydalmere		58	54	76	59	57	60	50	80	No	46	35	Yes	0.010	0.008	0.027
F367		Residential	170 South Street Rydalmere		53	48	71	54	51	60	50	80	No	44	35	Yes	0.009	0.006	0.022
F368		Residential	61 South Street Rydalmere		58	54	77	59	57	60	50	80	No	46	35	Yes	0.010	0.007	0.028
F369		Residential	61 South Street Rydalmere		57	52	75	58	55	60	50	80	No	43	35	Yes	0.008	0.006	0.022
F370		Residential	61 South Street Rydalmere		53	49	71	54	52	60	50	80	No	36	35		0.004	0.003	0.010
F371		Residential	61 South Street Rydalmere		48	44	67	49	47	60	50	80	No	35	35		0.004	0.003	0.010
F372		Residential	61 South Street Rydalmere		46	41	62	47	44	60	50	80	No	36	35	Yes	0.004	0.003	0.011
F373		Residential	63 South Street Rydalmere		58	54	77	59	57	60	50	80	No	46	35	Yes	0.011	0.008	0.029
F374		Residential	65 South Street Rydalmere		58	54	78	59	57	60	50	80	No	48	35	Yes	0.012	0.009	0.033
F375		Residential	67 South Street Rydalmere		58	53	76	59	56	60	50	80	No	46	35	Yes	0.010	0.007	0.027
F376		Residential	69 South Street Rydalmere		58	53	76	59	56	60	50	80	No	45	35	Yes	0.010	0.007	0.026
F377		Residential	71 South Street Rydalmere		58	53	76	59	56	60	50	80	No	45	35	Yes	0.010	0.007	0.025
F378		Residential	73 South Street Rydalmere		57	53	75	58	56	60	50	80	No	44	35	Yes	0.010	0.007	0.023
F379		Residential	75 South Street Rydalmere		57	53	74	58	56	60	50	80	No	43	35		0.009	0.006	0.021
F380		Residential	77 South Street Rydalmere		56	52	73	57	55	60	50	80	No	42	35	Yes	0.008	0.006	0.019
F381		Residential	79 South Street Rydalmere		56	52	73	57	55	60	50	80	No	42	35	Yes	0.008	0.005	0.018
F382		Residential	81 South Street Rydalmere		56	51	73	56	54	60	50	80	No	41	35		0.007	0.005	0.016

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
F383		Residential	83 South Street Rydalmere		55	51	71	56	54	60	50	80	No	40	35	Yes	0.007	0.005	0.015
F384		Residential	85 South Street Rydalmere		55	50	69	55	53	60	50	80	No	39	35		0.006	0.004	0.012
F385		Residential	85 South Street Rydalmere		52	47	65	53	50	60	50	80	No	35	35		0.004	0.003	0.008
F386		Residential	89 South Street Rydalmere		55	51	71	56	54	60	50	80	No	42	35	Yes	0.007	0.005	0.017
F387		Residential	91 South Street Rydalmere		56	51	72	57	54	60	50	80	No	43	35		0.008	0.005	0.019
F388		Residential	91 South Street Rydalmere		49	44	66	50	48	60	50	80	No	31	35		0.002	0.002	0.006
F389		Residential	93 South Street Rydalmere		58	53	76	58	56	60	50	80	No	46	35	Yes	0.011	0.008	0.029
F390		Residential	95 South Street Rydalmere		58	54	77	59	57	60	50	80	No	48	35	Yes	0.012	0.009	0.034
F391		Residential	97 South Street Rydalmere		57	53	76	58	56	60	50	80	No	45	35	Yes	0.009	0.007	0.026
F392		Residential	97 South Street Rydalmere		47	43	66	48	46	60	50	80	No	37	35	Yes	0.004	0.003	0.012
F393		Residential	99 South Street Rydalmere		58	53	76	59	57	60	50	80	No	46	35	Yes	0.010	0.007	0.028
F394		Residential	1 Sylvia Street Rydalmere		40	36	52	41	39	60	50	80	No	3	35		0.000	0.000	0.001
F418		Residential	3 Sylvia Street Rydalmere		41	36	53	41	39	60	50	80	No	0	35		0.000	0.000	0.001
H036		Residential	11 Coffey Street Ermington		42	38	56	43	41	60	50	80	No	0	35		0.000	0.000	0.000
H038		Residential	13 Coffey Street Ermington		41	37	55	42	40	60	50	80	No	0	35		0.000	0.000	0.000
H040		Residential	15 Coffey Street Ermington		37	33	49	38	36	60	50	80	No	0	35		0.000	0.000	0.001
H042		Residential	17 Coffey Street Ermington		40	35	53	41	39	60	50	80	No	2	35		0.000	0.000	0.001
H043		Residential	19 Coffey Street Ermington		38	33	48	38	36	60	50	80	No	0	35		0.000	0.000	0.001
H046		Residential	21 Coffey Street Ermington		40	35	54	40	38	60	50	80	No	0	35		0.000	0.000	0.000
H049		Residential	23 Coffey Street Ermington		40	35	53	40	38	60	50	80	No	0	35		0.000	0.000	0.000
H050		Residential	24 Coffey Street Ermington		44	39	58	45	42	60	50	80	No	2	35		0.000	0.000	0.001
H051		Residential	25 Coffey Street Ermington		40	36	54	41	39	60	50	80	No	0	35		0.000	0.000	0.000
H052		Residential	26 Coffey Street Ermington		43	38	58	44	42	60	50	80	No	5	35		0.000	0.000	0.001
H053		Residential	27 Coffey Street Ermington		39	35	53	40	38	60	50	80	No	0	35		0.000	0.000	0.000
H054		Residential	28 Coffey Street Ermington		45	41	60	46	44	60	50	80	No	9	35		0.000	0.000	0.001
H055		Residential	29 Coffey Street Ermington		48	44	63	49	47	60	50	80	No	22	35		0.001	0.001	0.003
H057		Residential	30 Coffey Street Ermington		48	43	61	48	46	60	50	80	No	13	35		0.001	0.000	0.001
H058		Residential	31 Coffey Street Ermington		47	42	61	48	46	60	50	80	No	23	35		0.001	0.001	0.003
H059		Residential	33 Coffey Street Ermington		52	47	67	52	50	60	50	80	No	31	35		0.002	0.002	0.006
H060		Residential	33 Coffey Street Ermington		54	50	71	55	53	60	50	80	No	39	35	Yes	0.005	0.004	0.014
H120		Residential	1 Heysen Avenue Ermington		44	40	59	45	43	60	50	80	No	7	35		0.000	0.000	0.001
H121		Residential	10 Heysen Avenue Ermington		55	50	72	56	54	60	50	80	No	33	35		0.003	0.002	0.007
H122		Residential	11 Heysen Avenue Ermington		43	38	57	43	41	60	50	80	No	13	35		0.001	0.000	0.001
H123		Residential	12 Heysen Avenue Ermington		56	51	73	56	54	60	50	80	No	36	35		0.004	0.003	0.009
H124		Residential	13 Heysen Avenue Ermington		42	38	55	43	41	60	50	80	No	13	35		0.001	0.000	0.001
H125		Residential	14 Heysen Avenue Ermington		56	52	73	57	55	60	50	80	No	38	35		0.005	0.004	0.011
H126		Residential	15 Heysen Avenue Ermington		42	38	54	43	41	60	50	80	No	14	35		0.001	0.000	0.001
H127		Residential	16 Heysen Avenue Ermington		54	50	69	55	53	60	50	80	No	36	35		0.004	0.003	0.009
H128		Residential	17 Heysen Avenue Ermington		43	39	55	44	42	60	50	80	No	14	35		0.001	0.000	0.001
H129		Residential	18 Heysen Avenue Ermington		54	49	70	54	52	60	50	80	No	37	35		0.005	0.003	0.011
H130		Residential	19 Heysen Avenue Ermington		44	39	56	45	42	60	50	80	No	16	35		0.001	0.001	0.002
H131		Residential	2 Heysen Avenue Ermington		52	48	68	53	51	60	50	80	No	27	35		0.002	0.001	0.004
H132		Residential	20 Heysen Avenue Ermington		56	51	73	57	55	60	50	80	No	39	35	Yes	0.005	0.004	0.013
H133		Residential	22 Heysen Avenue Ermington		56	52	73	57	55	60	50	80	No	41	35	Yes	0.007	0.005	0.016
H134		Residential	23 Heysen Avenue Ermington		43	39	55	44	42	60	50	80	No	10	35		0.000	0.000	0.001
H135		Residential	23 Heysen Avenue Ermington		45	40	58	46	43	60	50	80	No	15	35		0.001	0.000	0.002
H136		Residential	3 Heysen Avenue Ermington		43	39	58	44	42	60	50	80	No	9	35		0.000	0.000	0.001
H137		Residential	4 Heysen Avenue Ermington		53	48	69	54	51	60	50	80	No	29	35		0.002	0.001	0.005
H138		Residential	5 Heysen Avenue Ermington		41	36	57	42	39	60	50	80	No	11	35		0.000	0.000	0.001
H139		Residential	6 Heysen Avenue Ermington		56	51	73	57	54	60	50	80	No	34	35		0.004	0.003	0.008
H140		Residential	7 Heysen Avenue Ermington		43	39	59	44	42	60	50	80	No	14	35		0.001	0.000	0.001
H141		Residential	8 Heysen Avenue Ermington		56	52	73	57	55	60	50	80	No	36	35		0.004	0.003	0.009
H142		Residential	9 Heysen Avenue Ermington		44	39	59	45	42	60	50	80	No	13	35		0.001	0.000	0.001
H159		Residential	23 Hilder Road Ermington		43	39	56	44	42	60	50	80	No	0	35		0.000	0.000	0.000
H162		Residential	25 Hilder Road Ermington		42	38	54	43	41	60	50	80	No	2	35		0.000	0.000	0.001
H164		Residential	27 Hilder Road Ermington		43	39	56	44	42	60	50	80	No	5	35		0.000	0.000	0.001
H165		Residential	28 Hilder Road Ermington		49	44	64	50	47	60	50	80	No	25	35		0.001	0.001	0.003
H166		Residential	28 Hilder Road Ermington		53	49	70	54	52	60	50	80	No	33	35		0.003	0.002	0.007
H167		Residential	28 Hilder Road Ermington		47	43	63	48	46	60	50	80	No	21	35		0.001	0.001	0.002
H168		Residential	28 Hilder Road Ermington		43	38	59	44	41	60	50	80	No	0	35		0.000	0.000	0.000
H169		Residential	29 Hilder Road Ermington		43	38	55	44	41	60	50	80	No	11	35		0.000	0.000	0.001
H170	TRUE	Residential	30 Hilder Road Ermington		65	60	83	65	63	60	50	80	No	56	35		0.033	0.023	0.076
H171	TRUE	Residential	30 Hilder Road Ermington		60	55	77	60	58	60	50	80	No	51	35		0.018	0.013	0.043
H173		Residential	31 Hilder Road Ermington		46	42	60	47	45	60	50	80	No	15	35		0.001	0.000	0.001
H174	TRUE	Residential	32 Hilder Road Ermington		55	51	69	56	54	60	50	80	No	42	35		0.007	0.005	0.017
H175		Residential	33 Hilder Road Ermington		53	49	69	54	52	60	50	80	No	29	35		0.002	0.002	0.005
H176		Residential	33 Hilder Road Ermington		51	47	67	52	50	60	50	80	No	25	35		0.002	0.001	0.003
H177		Residential	34 Hilder Road Ermington		54	49	69	55	52	60	50	80	No	32	35		0.003	0.002	0.006
H178		Residential	34 Hilder Road Ermington		50	46	67	51	49	60	50	80	No	28	35		0.002	0.001	0.004
H179		Residential	35 Hilder Road Ermington		45	40	62	45	43	60	50	80	No	18	35		0.001	0.001	0.002
H180		Residential	36 Hilder Road Ermington		49	45	65	50	48	60	50	80	No	25	35		0.001	0.001	0.003
H181		Residential	37 Hilder Road Ermington		43	39	57	44	42	60	50	80	No	4	35		0.000	0.000	0.001
H182		Residential	38 Hilder Road Ermington		47	42	62	48	45	60	50	80	No	16	35		0.001	0.000	0.001
H183		Residential	38 Hilder Road Ermington		44	40	59	45	43	60	50	80	No	10	35		0.000	0.000	0.001
H184		Residential	42 Hilder Road Ermington		41	37	56	42	40	60	50	80	No	5	35		0.000	0.000	0.001
H185		Residential	44 Hilder Road Ermington		44	39	58	45	42	60	50	80	No	0	35		0.000	0.000	0.000
H186		Residential	46 Hilder Road Ermington		38	34	52	39	37	60	50	80	No	0	35		0.000	0.000	0.000
H235		Residential	10 Lindsay Avenue Ermington		42	37	57	43	40	60	50	80	No	0	35		0.000	0.000	0.000

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
H237		Residential	12 Lindsay Avenue Ermington		34	30	44	35	33	60	50	80	No	0	35		0.000	0.000	0.000
H239		Residential	14 Lindsay Avenue Ermington		39	34	52	40	37	60	50	80	No	0	35		0.000	0.000	0.000
H241		Residential	16 Lindsay Avenue Ermington		40	36	54	41	39	60	50	80	No	0	35		0.000	0.000	0.000
H243		Residential	18 Lindsay Avenue Ermington		40	35	53	40	38	60	50	80	No	0	35		0.000	0.000	0.000
H246		Residential	20 Lindsay Avenue Ermington		39	34	52	39	37	60	50	80	No	0	35		0.000	0.000	0.000
H248		Residential	22 Lindsay Avenue Ermington		35	31	49	36	34	60	50	80	No	0	35		0.000	0.000	0.000
H250		Residential	24 Lindsay Avenue Ermington		35	30	49	35	33	60	50	80	No	0	35		0.000	0.000	0.000
H252		Residential	26 Lindsay Avenue Ermington		38	34	51	39	37	60	50	80	No	0	35		0.000	0.000	0.000
H254		Residential	28 Lindsay Avenue Ermington		34	29	45	35	32	60	50	80	No	0	35		0.000	0.000	0.000
H257		Residential	30 Lindsay Avenue Ermington		37	32	49	38	35	60	50	80	No	2	35		0.000	0.000	0.001
H259		Residential	32 Lindsay Avenue Ermington		37	32	48	38	36	60	50	80	No	1	35		0.000	0.000	0.001
H261		Residential	34 Lindsay Avenue Ermington		44	39	56	45	42	60	50	80	No	4	35		0.000	0.000	0.001
H269		Residential	8 Lindsay Avenue Ermington		43	39	58	44	42	60	50	80	No	0	35		0.000	0.000	0.000
H276		Residential	2 Lister Avenue Ermington		46	42	62	47	45	60	50	80	No	21	35		0.001	0.001	0.003
H277		Residential	2 Lister Avenue Ermington		46	42	61	47	45	60	50	80	No	21	35		0.001	0.001	0.003
H281		Residential	27 Lister Avenue Ermington		44	40	58	45	43	60	50	80	No	0	35		0.000	0.000	0.001
H282		Residential	29 Lister Avenue Ermington		48	43	62	49	46	60	50	80	No	6	35		0.000	0.000	0.001
H283		Residential	31 Lister Avenue Ermington		48	44	63	49	47	60	50	80	No	7	35		0.000	0.000	0.001
H284		Residential	33 Lister Avenue Ermington		48	43	63	49	47	60	50	80	No	7	35		0.000	0.000	0.001
H285		Residential	6 Lister Avenue Ermington		47	43	63	48	46	60	50	80	No	20	35		0.001	0.001	0.003
H343		Residential	22 River Road Ermington		40	36	55	41	39	60	50	80	No	0	35		0.000	0.000	0.001
H345		Residential	24 River Road Ermington		46	41	60	46	44	60	50	80	No	4	35		0.000	0.000	0.001
H347		Residential	26 River Road Ermington		50	45	65	51	48	60	50	80	No	18	35		0.001	0.001	0.002
H348		Residential	27 River Road Ermington		44	40	57	45	43	60	50	80	No	1	35		0.000	0.000	0.001
H349		Residential	28 River Road Ermington		49	45	65	50	48	60	50	80	No	25	35		0.001	0.001	0.004
H350		Residential	29 River Road Ermington		48	43	62	48	46	60	50	80	No	6	35		0.000	0.000	0.001
H351		Residential	30 River Road Ermington		51	47	70	52	50	60	50	80	No	35	35		0.004	0.003	0.010
H352		Residential	32 River Road Ermington		58	53	76	59	56	60	50	80	No	44	35	Yes	0.009	0.006	0.024
H353		Residential	33 River Road Ermington		58	53	76	59	56	60	50	80	No	47	35	Yes	0.012	0.008	0.030
H354		Residential	34 River Road Ermington		48	44	66	49	47	60	50	80	No	33	35		0.003	0.002	0.008
H355		Residential	34 River Road Ermington		45	41	61	46	44	60	50	80	No	32	35		0.003	0.002	0.007
H356	TRUE	Residential	35 River Road Ermington		59	55	79	60	58	60	50	80	No	51	35		0.018	0.013	0.047
H357		Residential	36 River Road Ermington		46	41	63	46	44	60	50	80	No	26	35		0.002	0.001	0.004
H358		Residential	36 River Road Ermington		45	41	60	46	44	60	50	80	No	24	35		0.001	0.001	0.003
H359		Residential	37 River Road Ermington		55	50	72	56	53	60	50	80	No	41	35	Yes	0.007	0.005	0.017
H360		Educational institute	38 River Road Ermington	Future Starts Early Learning Centre	46	42	61	47	45	50			No	14	40		0.001	0.001	0.002
H361		Residential	38 River Road Ermington		44	40	59	45	43	60	50	80	No	15	35		0.001	0.000	0.002
H362		Residential	39 River Road Ermington		52	47	67	52	50	60	50	80	No	36	35	Yes	0.004	0.003	0.010
H363		Residential	40 River Road Ermington		43	38	57	43	41	60	50	80	No	10	35		0.000	0.000	0.001
H364		Residential	41 River Road Ermington		47	42	64	48	45	60	50	80	No	26	35		0.002	0.001	0.004
H365		Residential	41 River Road Ermington		49	44	64	50	48	60	50	80	No	27	35		0.002	0.001	0.004
H366		Residential	43 River Road Ermington		45	41	61	46	44	60	50	80	No	19	35		0.001	0.001	0.002
H367		Residential	44 River Road Ermington		43	38	57	44	42	60	50	80	No	2	35		0.000	0.000	0.001
H368		Residential	45 River Road Ermington		44	40	59	45	43	60	50	80	No	13	35		0.001	0.000	0.001
H369		Residential	46 River Road Ermington		43	39	57	44	42	60	50	80	No	0	35		0.000	0.000	0.001
H370		Residential	47 River Road Ermington		43	39	57	44	42	60	50	80	No	3	35		0.000	0.000	0.001
H377		Residential	49 River Road Ermington		42	38	55	43	41	60	50	80	No	0	35		0.000	0.000	0.000
H464		Residential	101 South Street Ermington		54	49	71	55	52	60	50	80	No	44	35	Yes	0.009	0.006	0.023
H465		Residential	101 South Street Ermington		46	42	64	47	45	60	50	80	No	35	35		0.003	0.002	0.009
H466		Residential	103 South Street Ermington		56	51	73	57	54	60	50	80	No	44	35	Yes	0.009	0.006	0.023
H467		Residential	105 South Street Ermington		55	50	73	56	54	60	50	80	No	47	35	Yes	0.011	0.008	0.030
H468		Residential	105 South Street Ermington		49	45	67	50	48	60	50	80	No	36	35		0.004	0.003	0.010
H469	TRUE	Residential	172 South Street Ermington		52	47	69	53	50	60	50	80	No	44	35		0.009	0.006	0.023
H470		Residential	174 South Street Ermington		59	55	79	60	58	60	50	80	No	48	35	Yes	0.013	0.009	0.035
H471		Residential	176 South Street Ermington		56	51	74	57	54	60	50	80	No	44	35	Yes	0.008	0.006	0.022
H472		Residential	178 South Street Ermington		58	54	77	59	57	60	50	80	No	48	35	Yes	0.013	0.009	0.035
H484		Residential	1 Tristram Street Ermington		56	51	73	56	54	60	50	80	No	39	35		0.005	0.004	0.013
H485		Residential	10 Tristram Street Ermington		47	43	60	48	46	60	50	80	No	4	35		0.000	0.000	0.001
H486		Residential	11 Tristram Street Ermington		56	52	74	57	55	60	50	80	No	36	35		0.004	0.003	0.010
H487		Residential	12 Tristram Street Ermington		48	44	61	49	47	60	50	80	No	10	35		0.000	0.000	0.001
H488		Residential	13 Tristram Street Ermington		59	54	77	59	57	60	50	80	No	40	35		0.006	0.004	0.014
H489		Residential	14 Tristram Street Ermington		48	44	63	49	47	60	50	80	No	13	35		0.001	0.000	0.001
H490		Residential	15 Tristram Street Ermington		58	53	76	59	56	60	50	80	No	38	35		0.005	0.004	0.011
H491		Residential	16 Tristram Street Ermington		48	44	63	49	47	60	50	80	No	17	35		0.001	0.001	0.002
H492		Residential	17 Tristram Street Ermington		61	56	80	62	60	60	50	80	No	44	35	Yes	0.009	0.006	0.021
H493		Residential	18 Tristram Street Ermington		47	42	60	48	46	60	50	80	No	18	35		0.001	0.001	0.002
H494		Residential	2 Tristram Street Ermington		45	41	59	46	44	60	50	80	No	0	35		0.000	0.000	0.001
H495		Residential	20 Tristram Street Ermington		45	41	58	46	44	60	50	80	No	19	35		0.001	0.001	0.002
H496		Residential	22 Tristram Street Ermington		45	41	57	46	44	60	50	80	No	17	35		0.001	0.001	0.002
H497		Residential	24 Tristram Street Ermington		45	40	55	45	43	60	50	80	No	16	35		0.001	0.000	0.002
H498		Residential	26 Tristram Street Ermington		44	39	56	44	42	60	50	80	No	16	35		0.001	0.000	0.002
H499		Residential	28 Tristram Street Ermington		43	38	55	44	42	60	50	80	No	16	35		0.001	0.000	0.001
H500		Residential	3 Tristram Street Ermington		59	55	79	60	58	60	50	80	No	48	35		0.013	0.009	0.032
H501		Residential	4 Tristram Street Ermington		46	42	60	47	45	60	50	80	No	0	35		0.000	0.000	0.001
H502		Residential	5 Tristram Street Ermington		57	53	74	58	56	60	50	80	No	43	35	Yes	0.008	0.006	0.021
H503		Residential	6 Tristram Street Ermington		47	42	60	47	45	60	50	80	No	1	35		0.000	0.000	0.001
H504		Residential	8 Tristram Street Ermington		46	42	59	47	45	60	50	80	No	2	35		0.000	0.000	0.001
H505		Residential	9 Tristram Street Ermington		56	52	72	57	55	60	50	80	No	38	35		0.005	0.004	0.012

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
H506		Residential	9 Tristram Street Ermington		56	51	73	57	55	60	50	80	No	37	35		0.005	0.003	0.011
I013		Residential	30 Atkins Road Ermington		48	43	62	48	46	60	50	80	No	23	35		0.001	0.001	0.003
I014		Residential	32 Atkins Road Ermington		50	46	65	51	49	60	50	80	No	28	35		0.002	0.002	0.005
I052		Residential	1 Boronia Street Ermington		57	53	76	58	56	60	50	80	No	46	35	Yes	0.010	0.007	0.027
I053		Residential	1 Boronia Street Ermington		57	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.006	0.021
I054		Residential	10 Boronia Street Ermington		57	52	75	57	55	60	50	80	No	47	35	Yes	0.011	0.008	0.030
I055		Residential	11 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.005	0.020
I056		Residential	12 Boronia Street Ermington		57	52	75	57	55	60	50	80	No	46	35	Yes	0.010	0.007	0.028
I057		Residential	13 Boronia Street Ermington		54	50	72	55	53	60	50	80	No	42	35		0.007	0.005	0.019
I058		Residential	14 Boronia Street Ermington		57	53	76	58	56	60	50	80	No	47	35	Yes	0.011	0.008	0.030
I059		Residential	15 Boronia Street Ermington		55	50	73	56	53	60	50	80	No	42	35		0.007	0.005	0.018
I060		Residential	15 Boronia Street Ermington		47	42	62	48	45	60	50	80	No	26	35		0.002	0.001	0.004
I061		Residential	16 Boronia Street Ermington		56	52	76	57	55	60	50	80	No	46	35	Yes	0.010	0.007	0.028
I062		Residential	17 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	41	35		0.007	0.005	0.017
I063		Residential	18 Boronia Street Ermington		56	52	75	57	55	60	50	80	No	46	35	Yes	0.010	0.007	0.027
I064		Residential	19 Boronia Street Ermington		56	51	74	56	54	60	50	80	No	41	35		0.007	0.005	0.018
I065		Residential	2 Boronia Street Ermington		59	54	77	59	57	60	50	80	No	48	35	Yes	0.012	0.009	0.033
I066		Residential	2 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	46	35	Yes	0.011	0.008	0.029
I067		Residential	20 Boronia Street Ermington		56	52	75	57	55	60	50	80	No	45	35	Yes	0.009	0.007	0.025
I068		Residential	21 Boronia Street Ermington		55	51	73	56	54	60	50	80	No	41	35	Yes	0.007	0.005	0.018
I069		Residential	22 Boronia Street Ermington		56	52	75	57	55	60	50	80	No	45	35	Yes	0.009	0.007	0.026
I070		Residential	23 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	42	35	Yes	0.007	0.005	0.018
I071		Residential	23 Boronia Street Ermington		55	51	73	56	54	60	50	80	No	41	35	Yes	0.007	0.005	0.017
I072		Residential	24 Boronia Street Ermington		57	52	75	58	55	60	50	80	No	46	35	Yes	0.010	0.007	0.028
I073		Residential	24 Boronia Street Ermington		45	41	64	46	44	60	50	80	No	37	35	Yes	0.004	0.003	0.012
I074		Residential	25 Boronia Street Ermington		41	37	56	42	40	60	50	80	No	27	35		0.002	0.001	0.005
I075		Residential	25 Boronia Street Ermington		56	51	73	56	54	60	50	80	No	42	35	Yes	0.007	0.005	0.018
I076		Residential	26 Boronia Street Ermington		56	51	74	57	54	60	50	80	No	44	35	Yes	0.008	0.006	0.023
I077		Residential	28 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	45	35	Yes	0.009	0.006	0.024
I078		Residential	29 Boronia Street Ermington		56	51	73	57	54	60	50	80	No	41	35		0.007	0.005	0.016
I079		Residential	3 Boronia Street Ermington		52	47	69	52	50	60	50	80	No	40	35	Yes	0.006	0.004	0.015
I080		Residential	3 Boronia Street Ermington		40	35	55	41	38	60	50	80	No	30	35		0.002	0.002	0.006
I081		Residential	30 Boronia Street Ermington		57	52	75	58	55	60	50	80	No	46	35	Yes	0.010	0.007	0.028
I082		Residential	31 Boronia Street Ermington		56	51	73	56	54	60	50	80	No	41	35		0.007	0.005	0.017
I083		Residential	32 Boronia Street Ermington		54	50	71	55	53	60	50	80	No	41	35	Yes	0.006	0.004	0.016
I084		Residential	33 Boronia Street Ermington		56	52	73	57	55	60	50	80	No	42	35	Yes	0.008	0.006	0.019
I085		Residential	34 Boronia Street Ermington		55	50	71	56	53	60	50	80	No	42	35	Yes	0.007	0.005	0.018
I086		Residential	35 Boronia Street Ermington		56	51	73	56	54	60	50	80	No	41	35	Yes	0.007	0.005	0.017
I087		Residential	36 Boronia Street Ermington		54	50	70	55	53	60	50	80	No	40	35	Yes	0.006	0.004	0.015
I088		Residential	37 Boronia Street Ermington		53	48	70	54	52	60	50	80	No	37	35		0.005	0.003	0.011
I089		Residential	38 Boronia Street Ermington		55	50	68	56	54	60	50	80	No	39	35	Yes	0.005	0.004	0.012
I090		Residential	39 Boronia Street Ermington		54	50	70	55	53	60	50	80	No	39	35		0.006	0.004	0.013
I091		Residential	4 Boronia Street Ermington		58	53	76	58	56	60	50	80	No	46	35	Yes	0.010	0.007	0.027
I092	TRUE	Residential	40 Boronia Street Ermington		56	52	72	57	55	60	50	80	No	41	35		0.008	0.006	0.016
I093		Residential	41 Boronia Street Ermington		54	49	69	54	52	60	50	80	No	37	35		0.005	0.004	0.011
I094		Residential	41 Boronia Street Ermington		53	48	67	54	52	60	50	80	No	36	35		0.004	0.003	0.009
I095		Residential	42 Boronia Street Ermington		55	51	72	56	54	60	50	80	No	39	35	Yes	0.006	0.004	0.014
I096		Residential	44 Boronia Street Ermington		55	50	72	56	54	60	50	80	No	39	35	Yes	0.006	0.004	0.014
I097		Residential	45 Boronia Street Ermington		53	49	67	54	52	60	50	80	No	36	35		0.004	0.003	0.009
I098		Residential	46 Boronia Street Ermington		56	51	74	57	55	60	50	80	No	42	35		0.007	0.005	0.018
I099		Commercial	47 Boronia Street Ermington	Cafe 4TY7 Ermington	56	51	73	57	54	60			No	38			0.005	0.003	0.012
I100		Residential	48 Boronia Street Ermington		56	52	73	57	55	60	50	80	No	42	35		0.007	0.005	0.019
I101		Residential	49 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.006	0.020
I102		Residential	5 Boronia Street Ermington		55	50	72	56	54	60	50	80	No	45	35	Yes	0.010	0.007	0.026
I103		Residential	50 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.006	0.021
I104		Residential	51 Boronia Street Ermington		57	52	75	58	55	60	50	80	No	43	35	Yes	0.008	0.005	0.020
I105		Residential	52 Boronia Street Ermington		57	53	76	58	56	60	50	80	No	45	35	Yes	0.010	0.007	0.025
I106		Residential	53 Boronia Street Ermington		57	53	76	58	56	60	50	80	No	43	35	Yes	0.008	0.006	0.021
I107		Residential	54 Boronia Street Ermington		57	52	74	57	55	60	50	80	No	44	35	Yes	0.008	0.006	0.022
I108		Residential	55 Boronia Street Ermington		56	52	75	57	55	60	50	80	No	41	35		0.007	0.005	0.017
I109		Residential	56 Boronia Street Ermington		57	53	75	58	56	60	50	80	No	45	35	Yes	0.010	0.007	0.026
I110		Residential	57 Boronia Street Ermington		57	52	75	57	55	60	50	80	No	42	35	Yes	0.007	0.005	0.018
I111		Residential	58 Boronia Street Ermington		57	53	75	58	56	60	50	80	No	44	35	Yes	0.009	0.006	0.023
I112		Residential	59 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	42	35	Yes	0.007	0.005	0.018
I113		Residential	6 Boronia Street Ermington		58	54	77	59	57	60	50	80	No	47	35	Yes	0.012	0.008	0.032
I114		Residential	61 Boronia Street Ermington		56	51	72	57	55	60	50	80	No	40	35		0.006	0.004	0.016
I115		Residential	62 Boronia Street Ermington		57	52	74	57	55	60	50	80	No	43	35		0.007	0.005	0.020
I116		Residential	63 Boronia Street Ermington		56	52	73	57	55	60	50	80	No	42	35	Yes	0.007	0.005	0.019
I117		Residential	64 Boronia Street Ermington		57	53	74	58	56	60	50	80	No	44	35	Yes	0.009	0.006	0.023
I118		Residential	65 Boronia Street Ermington		57	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.006	0.021
I119		Residential	66 Boronia Street Ermington		57	52	74	58	56	60	50	80	No	43	35	Yes	0.008	0.006	0.022
I120		Residential	67 Boronia Street Ermington		56	51	73	57	54	60	50	80	No	42	35	Yes	0.007	0.005	0.018
I121		Residential	69 Boronia Street Ermington		57	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.006	0.021
I122		Residential	7 Boronia Street Ermington		55	50	72	56	53	60	50	80	No	45	35	Yes	0.010	0.007	0.026
I123		Residential	7 Boronia Street Ermington		46	42	61	47	45	60	50	80	No	32	35		0.003	0.002	0.007
I124		Residential	71 Boronia Street Ermington		57	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.006	0.021
I125		Residential	73 Boronia Street Ermington		57	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.005	0.020
I126		Residential	75 Boronia Street Ermington		57	52	74	57	55	60	50	80	No	43	35	Yes	0.008	0.006	0.022

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
I127		Residential	75 Boronia Street Ermington		56	51	73	57	54	60	50	80	No	39	35	Yes	0.006	0.004	0.014
I128		Residential	79 Boronia Street Ermington		57	52	74	58	55	60	50	80	No	41	35		0.007	0.005	0.016
I129		Residential	8 Boronia Street Ermington		56	52	74	57	55	60	50	80	No	47	35	Yes	0.011	0.008	0.030
I130		Residential	81 Boronia Street Ermington		57	53	75	58	56	60	50	80	No	42	35		0.008	0.005	0.018
I131		Residential	83 Boronia Street Ermington		56	51	73	57	54	60	50	80	No	39	35		0.006	0.004	0.013
I132		Residential	9 Boronia Street Ermington		42	37	57	42	40	60	50	80	No	33	35		0.003	0.002	0.008
I133		Residential	1 Boyle Street Ermington		46	42	65	47	45	60	50	80	No	33	35		0.003	0.002	0.008
I134		Residential	10 Boyle Street Ermington		40	35	51	40	38	60	50	80	No	2	35		0.000	0.000	0.001
I135		Residential	11 Boyle Street Ermington		42	37	55	43	40	60	50	80	No	3	35		0.000	0.000	0.001
I136		Residential	13 Boyle Street Ermington		39	35	53	40	38	60	50	80	No	0	35		0.000	0.000	0.001
I137		Residential	13 Boyle Street Ermington		41	37	53	42	40	60	50	80	No	0	35		0.000	0.000	0.001
I138		Residential	15 Boyle Street Ermington		40	35	54	40	38	60	50	80	No	0	35		0.000	0.000	0.000
I139		Residential	16 Boyle Street Ermington		39	35	52	40	38	60	50	80	No	0	35		0.000	0.000	0.001
I143		Residential	2 Boyle Street Ermington		44	40	58	45	43	60	50	80	No	27	35		0.002	0.001	0.004
I144		Residential	2 Boyle Street Ermington		47	42	61	48	45	60	50	80	No	26	35		0.002	0.001	0.004
I157		Residential	3 Boyle Street Ermington		48	43	63	48	46	60	50	80	No	26	35		0.002	0.001	0.004
I158		Residential	4 Boyle Street Ermington		43	38	58	43	41	60	50	80	No	19	35		0.001	0.001	0.002
I159		Residential	5 Boyle Street Ermington		44	39	60	45	42	60	50	80	No	21	35		0.001	0.001	0.003
I160		Residential	6 Boyle Street Ermington		43	39	57	44	42	60	50	80	No	13	35		0.001	0.000	0.001
I161		Residential	8 Boyle Street Ermington		44	39	55	45	42	60	50	80	No	7	35		0.000	0.000	0.001
I162		Residential	9 Boyle Street Ermington		41	36	56	42	39	60	50	80	No	10	35		0.000	0.000	0.001
I163		Residential	9 Boyle Street Ermington		41	37	55	42	40	60	50	80	No	7	35		0.000	0.000	0.001
I164		Residential	9 Boyle Street Ermington		40	36	56	41	39	60	50	80	No	14	35		0.001	0.000	0.001
I168		Residential	17 Broadoaks Street Ermington		44	39	56	44	42	60	50	80	No	0	35		0.000	0.000	0.001
I169		Residential	19 Broadoaks Street Ermington		44	40	57	45	43	60	50	80	No	2	35		0.000	0.000	0.001
I170		Residential	21 Broadoaks Street Ermington		47	42	61	48	46	60	50	80	No	8	35		0.000	0.000	0.001
I171		Residential	23 Broadoaks Street Ermington		44	39	58	44	42	60	50	80	No	14	35		0.001	0.000	0.002
I172		Residential	23 Broadoaks Street Ermington		45	40	57	45	43	60	50	80	No	17	35		0.001	0.001	0.002
I173		Residential	25 Broadoaks Street Ermington		49	44	64	49	47	60	50	80	No	23	35		0.001	0.001	0.003
I174		Residential	27 Broadoaks Street Ermington		48	44	64	49	47	60	50	80	No	29	35		0.002	0.002	0.006
I175		Residential	29 Broadoaks Street Ermington		52	47	68	53	50	60	50	80	No	39	35		0.005	0.004	0.014
I176		Residential	31A Broadoaks Street Ermington		60	55	79	60	58	60	50	80	No	50	35	Yes	0.016	0.011	0.042
I176A	TRUE	Residential	31 Broadoaks Street Ermington		60	56	79	61	59	60	50	80	No	50	35		0.016	0.011	0.041
I244		Residential	1 Honor Street Ermington		44	40	59	45	43	60	50	80	No	28	35		0.002	0.001	0.005
I245		Residential	10 Honor Street Ermington		41	36	55	42	40	60	50	80	No	4	35		0.000	0.000	0.001
I246		Residential	11 Honor Street Ermington		40	36	54	41	39	60	50	80	No	3	35		0.000	0.000	0.001
I247		Residential	12 Honor Street Ermington		43	39	57	44	42	60	50	80	No	0	35		0.000	0.000	0.001
I259		Residential	3 Honor Street Ermington		44	39	56	44	42	60	50	80	No	23	35		0.001	0.001	0.003
I260		Residential	5 Honor Street Ermington		43	38	57	44	42	60	50	80	No	18	35		0.001	0.001	0.002
I261		Residential	6 Honor Street Ermington		46	42	60	47	45	60	50	80	No	17	35		0.001	0.001	0.002
I262		Residential	7 Honor Street Ermington		40	35	55	41	38	60	50	80	No	10	35		0.000	0.000	0.001
I263		Residential	8 Honor Street Ermington		43	39	57	44	42	60	50	80	No	9	35		0.000	0.000	0.001
I264		Residential	9 Honor Street Ermington		42	38	51	43	41	60	50	80	No	6	35		0.000	0.000	0.001
I265		Residential	10 Macartney Street Ermington		39	34	52	40	37	60	50	80	No	17	35		0.001	0.001	0.002
I266		Residential	11 Macartney Street Ermington		38	33	50	38	36	60	50	80	No	0	35		0.000	0.000	0.000
I268		Residential	12 Macartney Street Ermington		39	35	50	40	38	60	50	80	No	14	35		0.001	0.000	0.002
I269		Residential	12 Macartney Street Ermington		41	36	54	42	39	60	50	80	No	20	35		0.001	0.001	0.002
I270		Residential	13 Macartney Street Ermington		40	36	53	41	39	60	50	80	No	0	35		0.000	0.000	0.000
I271		Residential	14 Macartney Street Ermington		38	33	49	39	37	60	50	80	No	13	35		0.001	0.000	0.001
I272		Residential	15 Macartney Street Ermington		42	37	53	42	40	60	50	80	No	0	35		0.000	0.000	0.000
I273		Residential	16 Macartney Street Ermington		41	37	56	42	40	60	50	80	No	20	35		0.001	0.001	0.002
I274		Residential	17 Macartney Street Ermington		39	35	50	40	38	60	50	80	No	0	35		0.000	0.000	0.000
I275		Educational institute	18 Macartney Street Ermington	Ermington Rainbow College	43	39	59	44	42	50			No	15	40		0.001	0.001	0.002
I276		Residential	18 Macartney Street Ermington		41	37	56	42	40	60	50	80	No	13	35		0.001	0.000	0.001
I277		Residential	19 Macartney Street Ermington		40	35	51	40	38	60	50	80	No	0	35		0.000	0.000	0.000
I278		Residential	2 Macartney Street Ermington		44	40	59	45	43	60	50	80	No	11	35		0.001	0.000	0.001
I279		Educational institute	20 Macartney Street Ermington	Ermington Rainbow College	38	33	52	39	36	50			No	7	40		0.000	0.000	0.001
I280		Residential	21 Macartney Street Ermington		40	35	51	41	39	60	50	80	No	0	35		0.000	0.000	0.000
I281		Residential	22 Macartney Street Ermington		42	37	56	43	40	60	50	80	No	11	35		0.000	0.000	0.001
I282		Residential	23 Macartney Street Ermington		40	36	51	41	39	60	50	80	No	0	35		0.000	0.000	0.000
I283		Residential	23 Macartney Street Ermington		40	35	49	40	38	60	50	80	No	0	35		0.000	0.000	0.000
I284		Residential	24 Macartney Street Ermington		42	38	56	43	41	60	50	80	No	12	35		0.000	0.000	0.001
I285		Residential	26 Macartney Street Ermington		46	42	58	47	45	60	50	80	No	12	35		0.001	0.000	0.001
I286		Residential	27 Macartney Street Ermington		40	35	48	40	38	60	50	80	No	0	35		0.000	0.000	0.000
I287		Residential	28 Macartney Street Ermington		47	42	58	47	45	60	50	80	No	12	35		0.001	0.000	0.001
I288		Residential	29 Macartney Street Ermington		40	35	50	41	39	60	50	80	No	0	35		0.000	0.000	0.000
I289		Residential	3 Macartney Street Ermington		39	35	54	40	38	60	50	80	No	0	35		0.000	0.000	0.001
I290		Residential	30 Macartney Street Ermington		46	42	58	47	45	60	50	80	No	14	35		0.001	0.000	0.001
I291		Residential	31 Macartney Street Ermington		41	36	50	41	39	60	50	80	No	0	35		0.000	0.000	0.001
I292		Residential	32 Macartney Street Ermington		42	37	53	43	40	60	50	80	No	14	35		0.001	0.000	0.001
I293		Residential	33 Macartney Street Ermington		40	36	49	41	39	60	50	80	No	0	35		0.000	0.000	0.001
I294		Residential	34 Macartney Street Ermington		42	38	54	43	41	60	50	80	No	16	35		0.001	0.000	0.002
I295		Residential	35 Macartney Street Ermington		41	36	50	41	39	60	50	80	No	2	35		0.000	0.000	0.001
I296		Residential	36 Macartney Street Ermington		42	37	54	43	40	60	50	80	No	19	35		0.001	0.001	0.002
I297		Residential	37 Macartney Street Ermington		40	36	50	41	39	60	50	80	No	2	35		0.000	0.000	0.001
I298		Residential	38 Macartney Street Ermington		43	38	53	43	41	60	50	80	No	20	35		0.001	0.001	0.002
I299		Residential	39 Macartney Street Ermington		41	36	51	42	39	60	50	80	No	4	35		0.000	0.000	0.001
I300		Residential	4 Macartney Street Ermington		44	40	57	45	43	60	50	80	No	10	35		0.000	0.000	0.001

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
I301		Residential	4 Macartney Street Ermington		42	37	56	42	40	60	50	80	No	14	35		0.001	0.000	0.002
I302		Residential	40 Macartney Street Ermington		44	40	56	45	43	60	50	80	No	22	35		0.001	0.001	0.003
I303		Residential	41 Macartney Street Ermington		41	37	52	42	40	60	50	80	No	5	35		0.000	0.000	0.001
I304		Residential	42 Macartney Street Ermington		46	41	61	47	45	60	50	80	No	23	35		0.001	0.001	0.003
I305		Residential	43 Macartney Street Ermington		43	38	55	43	41	60	50	80	No	8	35		0.000	0.000	0.001
I306		Residential	43 Macartney Street Ermington		40	35	53	41	39	60	50	80	No	3	35		0.000	0.000	0.001
I307		Residential	5 Macartney Street Ermington		37	33	48	38	36	60	50	80	No	0	35		0.000	0.000	0.001
I308		Residential	6 Macartney Street Ermington		39	35	52	40	38	60	50	80	No	10	35		0.000	0.000	0.001
I309		Residential	7 Macartney Street Ermington		41	36	49	42	40	60	50	80	No	0	35		0.000	0.000	0.001
I310		Residential	8 Macartney Street Ermington		38	33	50	39	37	60	50	80	No	11	35		0.000	0.000	0.001
I311		Residential	9 Macartney Street Ermington		37	33	47	38	36	60	50	80	No	0	35		0.000	0.000	0.001
I392		Residential	53 Marguerette Street Ermington		41	37	52	42	40	60	50	80	No	0	35		0.000	0.000	0.000
I394		Residential	54 Marguerette Street Ermington		40	36	52	41	39	60	50	80	No	0	35		0.000	0.000	0.001
I396		Residential	55 Marguerette Street Ermington		41	37	51	42	40	60	50	80	No	0	35		0.000	0.000	0.000
I399		Residential	57 Marguerette Street Ermington		42	38	52	43	41	60	50	80	No	0	35		0.000	0.000	0.000
I401		Residential	59 Marguerette Street Ermington		43	38	54	43	41	60	50	80	No	0	35		0.000	0.000	0.000
I404		Residential	62 Marguerette Street Ermington		39	34	50	40	37	60	50	80	No	3	35		0.000	0.000	0.001
I405		Residential	64 Marguerette Street Ermington		37	33	46	38	36	60	50	80	No	5	35		0.000	0.000	0.001
I406		Residential	66 Marguerette Street Ermington		44	40	57	45	43	60	50	80	No	8	35		0.000	0.000	0.001
I407		Residential	66 Marguerette Street Ermington		42	37	55	43	40	60	50	80	No	3	35		0.000	0.000	0.001
I408		Residential	68 Marguerette Street Ermington		40	36	55	41	39	60	50	80	No	5	35		0.000	0.000	0.001
I411		Residential	70 Marguerette Street Ermington		42	38	56	43	41	60	50	80	No	8	35		0.000	0.000	0.001
I412		Residential	72 Marguerette Street Ermington		45	40	58	46	44	60	50	80	No	11	35		0.001	0.000	0.001
I413		Residential	74 Marguerette Street Ermington		45	40	56	46	43	60	50	80	No	9	35		0.000	0.000	0.001
I414		Residential	76 Marguerette Street Ermington		45	40	55	45	43	60	50	80	No	9	35		0.000	0.000	0.001
I415		Residential	78 Marguerette Street Ermington		45	41	58	46	44	60	50	80	No	11	35		0.000	0.000	0.001
I418		Residential	1 Massie Street Ermington		47	43	66	48	46	60	50	80	No	30	35		0.002	0.002	0.006
I419		Residential	10 Massie Street Ermington		41	36	53	41	39	60	50	80	No	6	35		0.000	0.000	0.001
I420		Residential	12 Massie Street Ermington		41	37	54	42	40	60	50	80	No	4	35		0.000	0.000	0.001
I421		Residential	14 Massie Street Ermington		39	35	53	40	38	60	50	80	No	0	35		0.000	0.000	0.001
I422		Residential	2 Massie Street Ermington		45	40	58	46	43	60	50	80	No	12	35		0.001	0.000	0.001
I423		Residential	3 Massie Street Ermington		46	41	59	47	44	60	50	80	No	26	35		0.002	0.001	0.004
I424		Residential	4 Massie Street Ermington		37	33	46	38	36	60	50	80	No	4	35		0.000	0.000	0.001
I425		Educational institute	4 Massie Street Ermington	Tiny Scholars Childcare	40	36	51	41	39	50			No	7	40		0.000	0.000	0.001
I426		Residential	5 Massie Street Ermington		45	41	59	46	44	60	50	80	No	26	35		0.002	0.001	0.004
I427		Residential	5 Massie Street Ermington		44	39	59	45	43	60	50	80	No	18	35		0.001	0.001	0.002
I428		Residential	6 Massie Street Ermington		39	35	51	40	38	60	50	80	No	8	35		0.000	0.000	0.001
I429		Residential	8 Massie Street Ermington		40	35	51	40	38	60	50	80	No	7	35		0.000	0.000	0.001
I430		Residential	9 Massie Street Ermington		46	42	60	47	45	60	50	80	No	22	35		0.001	0.001	0.003
I450		Residential	25 Murdoch Street Ermington		44	40	57	45	43	60	50	80	No	31	35		0.002	0.002	0.006
I453		Residential	27 Murdoch Street Ermington		46	42	61	47	45	60	50	80	No	23	35		0.001	0.001	0.003
I456		Residential	29 Murdoch Street Ermington		43	39	55	44	42	60	50	80	No	16	35		0.001	0.001	0.002
I458		Residential	31 Murdoch Street Ermington		42	38	54	43	41	60	50	80	No	11	35		0.001	0.000	0.001
I459		Residential	31 Murdoch Street Ermington		42	38	58	43	41	60	50	80	No	14	35		0.001	0.000	0.001
I460		Residential	32 Murdoch Street Ermington		46	42	61	47	45	60	50	80	No	21	35		0.001	0.001	0.002
I461		Residential	32 Murdoch Street Ermington		48	44	59	49	47	60	50	80	No	20	35		0.001	0.001	0.002
I462		Residential	33 Murdoch Street Ermington		42	38	54	43	41	60	50	80	No	4	35		0.000	0.000	0.001
I463		Residential	34 Murdoch Street Ermington		43	39	57	44	42	60	50	80	No	12	35		0.000	0.000	0.001
I464		Residential	35 Murdoch Street Ermington		40	36	54	41	39	60	50	80	No	0	35		0.000	0.000	0.001
I465		Residential	36 Murdoch Street Ermington		41	36	53	42	39	60	50	80	No	8	35		0.000	0.000	0.001
I466		Residential	37 Murdoch Street Ermington		39	35	52	40	38	60	50	80	No	0	35		0.000	0.000	0.000
I467		Residential	38 Murdoch Street Ermington		41	36	54	41	39	60	50	80	No	3	35		0.000	0.000	0.001
I468		Residential	39 Murdoch Street Ermington		40	36	51	41	39	60	50	80	No	0	35		0.000	0.000	0.000
I471		Residential	42 Murdoch Street Ermington		40	36	53	41	39	60	50	80	No	0	35		0.000	0.000	0.000
I473		Residential	44 Murdoch Street Ermington		40	35	53	41	38	60	50	80	No	0	35		0.000	0.000	0.000
I492		Residential	1 Saunders Road Ermington		44	39	59	44	42	60	50	80	No	16	35		0.001	0.001	0.002
I494		Residential	11 Saunders Road Ermington		38	33	47	38	36	60	50	80	No	0	35		0.000	0.000	0.001
I503		Residential	2 Saunders Road Ermington		41	37	56	42	40	60	50	80	No	5	35		0.000	0.000	0.001
I506		Residential	3 Saunders Road Ermington		44	39	55	45	42	60	50	80	No	7	35		0.000	0.000	0.001
I507		Residential	4 Saunders Road Ermington		40	35	53	41	38	60	50	80	No	0	35		0.000	0.000	0.001
I508		Residential	5 Saunders Road Ermington		39	34	48	39	37	60	50	80	No	5	35		0.000	0.000	0.001
I509		Residential	6 Saunders Road Ermington		39	35	51	40	38	60	50	80	No	0	35		0.000	0.000	0.001
I510		Residential	7 Saunders Road Ermington		40	35	53	41	38	60	50	80	No	0	35		0.000	0.000	0.001
I513		Residential	9 Saunders Road Ermington		38	33	52	39	36	60	50	80	No	0	35		0.000	0.000	0.001
I514		Residential	1 Spofforth Street Ermington		40	36	54	41	39	60	50	80	No	5	35		0.000	0.000	0.001
I515		Residential	10 Spofforth Street Ermington		45	40	62	45	43	60	50	80	No	19	35		0.001	0.001	0.002
I516		Residential	11 Spofforth Street Ermington		45	41	58	46	44	60	50	80	No	25	35		0.001	0.001	0.004
I517		Residential	12-14 Spofforth Street Ermington		44	39	57	45	43	60	50	80	No	10	35		0.000	0.000	0.001
I518		Residential	12-14 Spofforth Street Ermington		44	39	61	44	42	60	50	80	No	15	35		0.001	0.000	0.002
I519		Residential	12-14 Spofforth Street Ermington		46	41	60	47	45	60	50	80	No	14	35		0.001	0.000	0.001
I520		Residential	13 Spofforth Street Ermington		47	42	63	47	45	60	50	80	No	28	35		0.002	0.001	0.005
I521		Residential	15 Spofforth Street Ermington		45	40	61	46	43	60	50	80	No	23	35		0.001	0.001	0.003
I522		Residential	16 Spofforth Street Ermington		39	34	50	39	37	60	50	80	No	3	35		0.000	0.000	0.001
I524		Residential	18 Spofforth Street Ermington		41	37	55	42	40	60	50	80	No	0	35		0.000	0.000	0.000
I525		Residential	18 Spofforth Street Ermington		39	35	52	40	38	60	50	80	No	0	35		0.000	0.000	0.001
I527		Residential	2 Spofforth Street Ermington		58	54	77	59	57	60	50	80	No	45	35	Yes	0.010	0.007	0.026
I528		Residential	20 Spofforth Street Ermington		41	36	54	41	39	60	50	80	No	0	35		0.000	0.000	0.000
I538		Residential	3 Spofforth Street Ermington		46	41	56	47	44	60	50	80	No	9	35		0.000	0.000	0.001

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
I543		Residential	4 Spofforth Street Ermington		51	46	71	51	49	60	50	80	No	39	35		0.005	0.004	0.013
I544		Residential	4 Spofforth Street Ermington		58	54	77	59	57	60	50	80	No	46	35	Yes	0.010	0.007	0.026
I545		Residential	5 Spofforth Street Ermington		41	37	54	42	40	60	50	80	No	12	35		0.001	0.000	0.001
I546		Residential	5 Spofforth Street Ermington		41	37	53	42	40	60	50	80	No	15	35		0.001	0.000	0.002
I547		Residential	6 Spofforth Street Ermington		46	42	65	47	45	60	50	80	No	31	35		0.003	0.002	0.007
I548		Residential	7 Spofforth Street Ermington		41	37	55	42	40	60	50	80	No	16	35		0.001	0.001	0.002
I549		Residential	8 Spofforth Street Ermington		44	40	61	45	43	60	50	80	No	24	35		0.001	0.001	0.003
I550		Residential	9 Spofforth Street Ermington		45	41	55	46	44	60	50	80	No	21	35		0.001	0.001	0.003
I551		Residential	9 Spofforth Street Ermington		44	40	55	45	43	60	50	80	No	19	35		0.001	0.001	0.002
I552		Residential	1 Spurway Street Ermington		58	54	77	59	57	60	50	80	No	47	35	Yes	0.012	0.008	0.032
I553		Residential	3 Spurway Street Ermington		50	46	66	51	49	60	50	80	No	30	35		0.002	0.002	0.006
I554		Educational institute	39 Spurway Street Ermington	Rydalmere East Public School	40	35	54	41	38	50			No	12	40		0.001	0.000	0.002
I557		Educational institute	39 Spurway Street Ermington	Rydalmere East Public School	39	34	51	39	37	50			No	13	40		0.001	0.000	0.002
I562		Residential	5 Spurway Street Ermington		48	44	63	49	47	60	50	80	No	26	35		0.002	0.001	0.004
I594		Residential	29 Trumble Avenue Ermington		45	40	61	45	43	60	50	80	No	27	35		0.002	0.001	0.005
I597		Residential	31 Trumble Avenue Ermington		42	38	60	43	41	60	50	80	No	23	35		0.001	0.001	0.003
I599		Residential	33 Trumble Avenue Ermington		42	37	58	42	40	60	50	80	No	17	35		0.001	0.001	0.002
I601		Residential	35 Trumble Avenue Ermington		41	36	56	42	39	60	50	80	No	13	35		0.001	0.000	0.001
I602		Residential	36 Trumble Avenue Ermington		39	34	55	40	38	60	50	80	No	0	35		0.000	0.000	0.001
I603		Residential	37 Trumble Avenue Ermington		45	40	55	45	43	60	50	80	No	8	35		0.000	0.000	0.001
I604		Residential	38 Trumble Avenue Ermington		39	35	55	40	38	60	50	80	No	2	35		0.000	0.000	0.001
I605		Residential	39 Trumble Avenue Ermington		40	36	54	41	39	60	50	80	No	5	35		0.000	0.000	0.001
I606		Residential	40 Trumble Avenue Ermington		40	36	56	41	39	60	50	80	No	6	35		0.000	0.000	0.001
I607		Residential	41 Trumble Avenue Ermington		40	36	52	41	39	60	50	80	No	1	35		0.000	0.000	0.001
I608		Residential	42 Trumble Avenue Ermington		43	39	59	44	42	60	50	80	No	11	35		0.000	0.000	0.001
I609		Residential	43 Trumble Avenue Ermington		40	35	52	41	39	60	50	80	No	0	35		0.000	0.000	0.001
I610		Residential	44 Trumble Avenue Ermington		43	38	59	43	41	60	50	80	No	13	35		0.001	0.000	0.001
I612		Residential	46 Trumble Avenue Ermington		45	41	61	46	44	60	50	80	No	19	35		0.001	0.001	0.002
I616		Residential	50 Trumble Avenue Ermington		45	40	62	46	44	60	50	80	No	28	35		0.002	0.001	0.005
I618		Residential	52 Trumble Avenue Ermington		43	39	60	44	42	60	50	80	No	23	35		0.001	0.001	0.003
I620		Residential	54 Trumble Avenue Ermington		44	40	59	45	43	60	50	80	No	16	35		0.001	0.000	0.002
I622		Residential	56 Trumble Avenue Ermington		42	37	57	43	41	60	50	80	No	12	35		0.001	0.000	0.001
I623		Residential	58 Trumble Avenue Ermington		43	38	54	43	41	60	50	80	No	9	35		0.000	0.000	0.001
I625		Residential	60 Trumble Avenue Ermington		39	34	53	40	37	60	50	80	No	5	35		0.000	0.000	0.001
I626		Residential	62 Trumble Avenue Ermington		41	37	53	42	40	60	50	80	No	0	35		0.000	0.000	0.001
I627		Residential	64 Trumble Avenue Ermington		38	33	46	39	36	60	50	80	No	0	35		0.000	0.000	0.001
I639		Residential	10 Trumper Street Ermington		48	44	61	49	47	60	50	80	No	15	35		0.001	0.000	0.002
I641		Residential	12 Trumper Street Ermington		46	42	62	47	45	60	50	80	No	20	35		0.001	0.001	0.002
I643		Residential	14 Trumper Street Ermington		49	45	64	50	48	60	50	80	No	25	35		0.001	0.001	0.004
I645		Residential	16 Trumper Street Ermington		46	42	62	47	45	60	50	80	No	26	35		0.002	0.001	0.004
I647		Residential	18 Trumper Street Ermington		42	38	59	43	41	60	50	80	No	20	35		0.001	0.001	0.002
I650		Residential	20 Trumper Street Ermington		43	38	58	43	41	60	50	80	No	16	35		0.001	0.001	0.002
I651		Residential	20 Trumper Street Ermington		44	40	57	45	43	60	50	80	No	6	35		0.000	0.000	0.001
I655		Residential	25 Trumper Street Ermington		43	39	59	44	42	60	50	80	No	20	35		0.001	0.001	0.002
I656		Residential	25 Trumper Street Ermington		43	38	57	43	41	60	50	80	No	12	35		0.001	0.000	0.001
I658		Residential	27 Trumper Street Ermington		58	53	76	59	56	60	50	80	No	46	35	Yes	0.010	0.007	0.027
I659		Residential	27 Trumper Street Ermington		46	42	62	47	45	60	50	80	No	27	35		0.002	0.001	0.004
I673		Residential	8 Trumper Street Ermington		45	41	59	46	44	60	50	80	No	10	35		0.000	0.000	0.001
J014		Residential	39 Atkins Road Ermington		41	36	55	42	40	60	50	80	No	0	35		0.000	0.000	0.000
J015		Residential	41 Atkins Road Ermington		42	37	55	42	40	60	50	80	No	0	35		0.000	0.000	0.000
J016		Residential	43 Atkins Road Ermington		49	44	59	49	47	60	50	80	No	0	35		0.000	0.000	0.000
J017		Residential	45 Atkins Road Ermington		44	39	57	44	42	60	50	80	No	6	35		0.000	0.000	0.001
J018		Residential	47 Atkins Road Ermington		45	40	59	46	43	60	50	80	No	12	35		0.001	0.000	0.001
J019		Residential	49 Atkins Road Ermington		51	46	64	51	49	60	50	80	No	20	35		0.001	0.001	0.002
J020	TRUE	Industrial	61 Atkins Road Ermington		61	57	80	62	60				No	43			0.009	0.007	0.021
J021	TRUE	Industrial	63 Atkins Road Ermington		63	58	81	63	61				No	47			0.013	0.009	0.033
J022	TRUE	Industrial	65 Atkins Road Ermington		58	54	74	59	57				No	39			0.005	0.004	0.014
J023	TRUE	Industrial	65 Atkins Road Ermington		55	50	67	56	53				No	27			0.002	0.001	0.004
J024		Industrial	67 Atkins Road Ermington		53	48	66	53	51				No	22			0.001	0.001	0.003
J025		Industrial	69 Atkins Road Ermington		50	45	64	50	48				No	16			0.001	0.001	0.002
J028		Industrial	71 Atkins Road Ermington		48	44	62	49	47				No	10			0.000	0.000	0.001
J030		Residential	1 Hope Street Ermington		51	47	62	52	50	60	50	80	No	20	35		0.001	0.001	0.002
J031		Residential	11 Hope Street Ermington		54	49	69	54	52	60	50	80	No	24	35		0.002	0.001	0.004
J032		Residential	13 Hope Street Ermington		54	50	69	55	53	60	50	80	No	26	35		0.002	0.001	0.004
J033		Residential	13 Hope Street Ermington		44	40	58	45	43	60	50	80	No	17	35		0.001	0.000	0.002
J034		Residential	15 Hope Street Ermington		55	51	69	56	54	60	50	80	No	29	35		0.002	0.001	0.005
J035		Residential	17 Hope Street Ermington		57	53	74	58	56	60	50	80	No	37	35		0.004	0.003	0.011
J036	TRUE	Industrial	2 Hope Street Ermington		62	57	80	63	60				No	48			0.015	0.011	0.034
J037		Residential	3 Hope Street Ermington		51	47	62	52	50	60	50	80	No	19	35		0.001	0.001	0.002
J038		Residential	5 Hope Street Ermington		52	48	63	53	51	60	50	80	No	20	35		0.001	0.001	0.002
J039		Residential	5 Hope Street Ermington		52	48	65	53	51	60	50	80	No	20	35		0.001	0.001	0.002
J040		Residential	9 Hope Street Ermington		53	49	66	54	52	60	50	80	No	20	35		0.001	0.001	0.002
J041		Residential	9 Hope Street Ermington		41	36	52	41	39	60	50	80	No	12	35		0.001	0.000	0.001
J074		Residential	48 Hughes Avenue Ermington		47	42	63	48	46	60	50	80	No	14	35		0.001	0.000	0.001
J076		Residential	50 Hughes Avenue Ermington		48	44	65	49	47	60	50	80	No	20	35		0.001	0.001	0.002
J077		Residential	52 Hughes Avenue Ermington		49	44	67	50	47	60	50	80	No	25	35		0.001	0.001	0.003
J084		Residential	61 Hughes Avenue Ermington		43	39	57	44	42	60	50	80	No	0	35		0.000	0.000	0.000
J085		Residential	63 Hughes Avenue Ermington		45	40	58	45	43	60	50	80	No	1	35		0.000	0.000	0.001

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
J086	TRUE	Industrial	64 Hughes Street Ermington		66	62	84	67	65				No	50			0.023	0.016	0.046
J087	TRUE	Industrial	64 Hughes Avenue Ermington		76	71	96	76	74				No	57			0.042	0.030	0.099
J088	TRUE	Industrial	64 Hughes Avenue Ermington		63	59	83	64	62				No	39			0.006	0.004	0.013
J089		Residential	65 Hughes Avenue Ermington		45	41	59	46	44	60	50	80	No	7	35		0.000	0.000	0.001
J090		Residential	67 Hughes Avenue Ermington		47	43	60	48	46	60	50	80	No	13	35		0.001	0.000	0.001
J091		Residential	71 Hughes Avenue Ermington		48	44	65	49	47	60	50	80	No	26	35		0.002	0.001	0.004
J092		Residential	73 Hughes Avenue Ermington		54	50	72	55	53	60	50	80	No	35	35		0.004	0.003	0.008
J093		Residential	73 Hughes Avenue Ermington		61	57	80	62	60	60	50	80	No	45	35	Yes	0.010	0.007	0.024
J094	TRUE	Residential	77 Hughes Avenue Ermington		69	65	89	70	68	60	50	80	No	55	35		0.033	0.023	0.070
J096		Industrial	80 Hughes Avenue Ermington		53	48	69	54	51				No	16			0.001	0.001	0.002
J098		Residential	1 Jervis Street Ermington		43	38	55	43	41	60	50	80	No	7	35		0.000	0.000	0.001
J099		Residential	10 Jervis Street Ermington		43	38	56	44	41	60	50	80	No	0	35		0.000	0.000	0.000
J112		Residential	2 Jervis Street Ermington		43	38	53	43	41	60	50	80	No	4	35		0.000	0.000	0.001
J113		Residential	2 Jervis Street Ermington		42	38	53	43	41	60	50	80	No	5	35		0.000	0.000	0.001
J115		Residential	3 Jervis Street Ermington		43	39	56	44	42	60	50	80	No	5	35		0.000	0.000	0.001
J116		Residential	4 Jervis Street Ermington		47	42	59	48	45	60	50	80	No	0	35		0.000	0.000	0.000
J117		Residential	6 Jervis Street Ermington		45	40	58	45	43	60	50	80	No	0	35		0.000	0.000	0.000
J118		Residential	7 Jervis Street Ermington		46	42	58	47	45	60	50	80	No	0	35		0.000	0.000	0.000
J119		Residential	8 Jervis Street Ermington		43	39	57	44	42	60	50	80	No	0	35		0.000	0.000	0.000
J120		Residential	9 Jervis Street Ermington		41	37	51	42	40	60	50	80	No	0	35		0.000	0.000	0.000
J158		Industrial	2 Hope Street Melrose Park		56	51	71	56	54				No	26			0.002	0.001	0.004
J159		Industrial	4 Hope Street Melrose Park		45	41	58	46	44				No	12			0.001	0.000	0.001
J160		Industrial	4 Hope Street Melrose Park		51	46	64	52	50				No	25			0.002	0.001	0.004
J161		Industrial	6 Hope Street Melrose Park		44	40	59	45	43				No	5			0.000	0.000	0.001
J162		Industrial	6 Hope Street Melrose Park		58	54	76	59	57				No	36			0.004	0.003	0.010
J163		Industrial	6 Hope Street Melrose Park		55	50	73	56	54				No	41			0.007	0.005	0.017
J174		Industrial	30 Waratah Street Melrose Park		60	56	79	61	59				No	45			0.010	0.007	0.027
J175		Industrial	32 Waratah Street Melrose Park		59	54	76	59	57				No	37			0.005	0.004	0.012
J176		Industrial	9 Waratah Street Melrose Park		63	58	82	63	61				No	41			0.007	0.005	0.016
J177		Industrial	100 Wharf Road Melrose Park		43	39	56	44	42				No	6			0.000	0.000	0.001
J179		Educational institute	110 Wharf Road Melrose Park	Melrose Park Public School	42	38	53	43	41	50			No	0	40		0.000	0.000	0.000
J180		Educational institute	110 Wharf Road Melrose Park	Melrose Park Public School	42	38	58	43	41	50			No	0	40		0.000	0.000	0.001
J181		Educational institute	110 Wharf Road Melrose Park	Melrose Park Public School	47	43	61	48	46	50			No	8	40		0.000	0.000	0.001
J183		Educational institute	110 Wharf Road Melrose Park	Melrose Park Public School	46	41	58	46	44	50			No	0	40		0.000	0.000	0.000
J184		Industrial	112 Wharf Road Melrose Park		50	46	63	51	49				No	21			0.001	0.001	0.002
K059		Residential	56 Andrew Street Melrose Park		52	48	66	53	51	60	50	80	No	15	35		0.001	0.000	0.001
K384		Residential	60 Lancaster Avenue Melrose Park		49	44	60	49	47	60	50	80	No	2	35		0.000	0.000	0.001
K386		Residential	62 Lancaster Avenue Melrose Park		43	39	56	44	42	60	50	80	No	0	35		0.000	0.000	0.000
K389		Residential	64 Lancaster Avenue Melrose Park		48	44	59	49	47	60	50	80	No	1	35		0.000	0.000	0.001
K390		Residential	66 Lancaster Avenue Melrose Park		49	44	61	49	47	60	50	80	No	4	35		0.000	0.000	0.001
K392		Residential	68 Lancaster Avenue Melrose Park		47	43	61	48	46	60	50	80	No	5	35		0.000	0.000	0.001
K396		Residential	72 Lancaster Avenue Melrose Park		48	43	61	49	46	60	50	80	No	4	35		0.000	0.000	0.001
K398		Residential	74 Lancaster Avenue Melrose Park		48	44	61	49	47	60	50	80	No	6	35		0.000	0.000	0.001
K400		Residential	76 Lancaster Avenue Melrose Park		48	44	60	49	47	60	50	80	No	5	35		0.000	0.000	0.001
K402		Residential	78 Lancaster Avenue Melrose Park		48	44	60	49	47	60	50	80	No	5	35		0.000	0.000	0.001
K405		Residential	80 Lancaster Avenue Melrose Park		48	43	59	48	46	60	50	80	No	5	35		0.000	0.000	0.001
K407		Residential	82 Lancaster Avenue Melrose Park		48	44	60	49	47	60	50	80	No	7	35		0.000	0.000	0.001
K475		Residential	131 Wharf Road Melrose Park		46	41	57	47	45	60	50	80	No	0	35		0.000	0.000	0.000
K476		Residential	133 Wharf Road Melrose Park		47	43	58	48	46	60	50	80	No	1	35		0.000	0.000	0.000
K477		Residential	135 Wharf Road Melrose Park		48	43	59	48	46	60	50	80	No	3	35		0.000	0.000	0.001
K478		Residential	137 Wharf Road Melrose Park		49	44	60	49	47	60	50	80	No	7	35		0.000	0.000	0.001
K479		Residential	139 Wharf Road Melrose Park		50	46	62	51	49	60	50	80	No	11	35		0.000	0.000	0.001
K480		Residential	141 Wharf Road Melrose Park		51	47	64	52	50	60	50	80	No	13	35		0.001	0.000	0.001
K481		Residential	143 Wharf Road Melrose Park		52	48	67	53	51	60	50	80	No	22	35		0.001	0.001	0.003
K482		Residential	145 Wharf Road Melrose Park		54	50	70	55	53	60	50	80	No	26	35		0.002	0.001	0.004
K483		Residential	147 Wharf Road Melrose Park		55	50	70	56	53	60	50	80	No	27	35		0.002	0.001	0.004
K484		Residential	149 Wharf Road Melrose Park		55	50	70	55	53	60	50	80	No	32	35		0.003	0.002	0.006
K486	TRUE	Residential	151 Wharf Road Melrose Park		55	50	71	55	53	60	50	80	No	36	35		0.004	0.003	0.009
K487	TRUE	Residential	153 Wharf Road Melrose Park		54	49	71	55	53	60	50	80	No	39	35		0.006	0.004	0.013
K488	TRUE	Residential	155 Wharf Road Melrose Park		53	48	70	54	51	60	50	80	No	38	35		0.005	0.004	0.011
K489	TRUE	Residential	157 Wharf Road Melrose Park		50	45	63	51	48	60	50	80	No	22	35		0.001	0.001	0.002
K490	TRUE	Residential	159 Wharf Road Melrose Park		52	47	69	53	50	60	50	80	No	36	35		0.004	0.003	0.009
K491	TRUE	Residential	161 Wharf Road Melrose Park		71	66	90	72	70	60	50	80	No	58	35		0.037	0.027	0.092
L005		Mixed use	1 Burroway Road Sydney Olympic Park		36	32	46	37	35	60	50	80	No	0			0.000	0.000	0.000
L006		Mixed use	1 Burroway Road Sydney Olympic Park		37	33	47	38	36	60	50	80	No	0			0.000	0.000	0.000
L007		Mixed use	1 Burroway Road Sydney Olympic Park		43	38	54	44	41	60	50	80	No	0			0.000	0.000	0.000
L012		Residential	14-16 Hill Road Wentworth Point		59	54	78	60	57	60	50	80	No	43	35	Yes	0.008	0.006	0.021
L013		Residential	14-16 Hill Road Wentworth Point		48	43	62	48	46	60	50	80	No	18	35		0.001	0.001	0.002
L014		Residential	14-16 Hill Road Wentworth Point		56	51	74	57	54	60	50	80	No	46	35	Yes	0.011	0.008	0.028
L015		Residential	14-16 Hill Road Wentworth Point		57	53	76	58	56	60	50	80	No	42	35	Yes	0.007	0.005	0.016
L016		Residential	14-16 Hill Road Wentworth Point		51	47	66	52	50	60	50	80	No	22	35		0.001	0.001	0.002
L017		Residential	14-16 Hill Road Wentworth Point		45	41	62	46	44	60	50	80	No	23	35		0.001	0.001	0.003
L018		Residential	14-16 Hill Road Wentworth Point		41	36	56	42	40	60	50	80	No	1	35		0.000	0.000	0.001
L019		Residential	14-16 Hill Road Wentworth Point		52	48	71	53	51	60	50	80	No	25	35		0.002	0.001	0.004
L020		Residential	14-16 Hill Road Wentworth Point		42	37	56	43	40	60	50	80	No	3	35		0.000	0.000	0.001
L021		Residential	14-16 Hill Road Wentworth Point		41	36	52	42	39	60	50	80	No	0	35		0.000	0.000	0.000
L022		Residential	14-16 Hill Road Wentworth Point		45	40	59	46	44	60	50	80	No	9	35		0.000	0.000	0.001
L023		Residential	14-16 Hill Road Wentworth Point		43	38	55	43	41	60	50	80	No	0	35		0.000	0.000	0.000

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
L024		Residential	14-16 Hill Road Wentworth Point		45	40	57	45	43	60	50	80	No	0	35		0.000	0.000	0.000
L025		Residential	14-16 Hill Road Wentworth Point		50	45	63	51	48	60	50	80	No	15	35		0.001	0.000	0.001
L026		Residential	14-16 Hill Road Wentworth Point		52	48	66	53	51	60	50	80	No	28	35		0.002	0.001	0.005
L027		Residential	51 Hill Road Wentworth Point		49	44	61	49	47	60	50	80	No	13	35		0.001	0.000	0.001
L028		Residential	57 Hill Road Wentworth Point		46	41	57	47	44	60	50	80	No	0	35		0.000	0.000	0.000
L029		Residential	7 Waterways Street Wentworth Point		51	47	66	52	50	60	50	80	No	21	35		0.001	0.001	0.002
M003		Residential	37 Amalfi Drive Wentworth Point		54	49	68	55	53	60	50	80	No	34	35		0.003	0.002	0.008
M004		Residential	45 Amalfi Drive Wentworth Point		45	41	64	46	44	60	50	80	No	23	35		0.001	0.001	0.003
M005		Residential	46 Amalfi Drive Wentworth Point		41	36	59	42	39	60	50	80	No	6	35		0.000	0.000	0.001
M006		Residential	48 Amalfi Drive Wentworth Point		40	36	59	41	39	60	50	80	No	7	35		0.000	0.000	0.001
M008		Residential	3 Baywater Drive Wentworth Point		57	53	75	58	56	60	50	80	No	42	35		0.007	0.005	0.019
M010		Residential	5 Baywater Drive Wentworth Point		54	49	71	54	52	60	50	80	No	32	35		0.003	0.002	0.008
M011		Residential	6 Baywater Drive Wentworth Point		56	52	73	57	55	60	50	80	No	38	35		0.005	0.004	0.014
M013		Residential	8 Baywater Drive Wentworth Point		42	38	59	43	41	60	50	80	No	7	35		0.000	0.000	0.001
M014		Residential	9 Baywater Drive Wentworth Point		40	35	58	41	38	60	50	80	No	3	35		0.000	0.000	0.001
M015		Residential	9 Baywater Drive Wentworth Point		37	33	55	38	36	60	50	80	No	3	35		0.000	0.000	0.001
M016		Residential	1 Bennelong Parkway Wentworth Point		54	49	68	54	52	60	50	80	No	34	35		0.004	0.003	0.009
M017		Residential	11 Bennelong Parkway Wentworth Point		45	41	58	46	44	60	50	80	No	3	35		0.000	0.000	0.001
M021		Residential	5 Bennelong Parkway Wentworth Point		49	45	60	50	48	60	50	80	No	9	35		0.000	0.000	0.001
M022		Residential	5 Bennelong Parkway Wentworth Point		52	48	66	53	51	60	50	80	No	26	35		0.002	0.001	0.004
M030		Residential	1 Half Street Wentworth Point		40	36	53	41	39	60	50	80	No	18	35		0.001	0.001	0.002
M033		Residential	21 Hill Road Wentworth Point		55	51	74	56	54	60	50	80	No	37	35		0.005	0.003	0.012
M034		Residential	27 Hill Road Wentworth Point		57	52	75	58	55	60	50	80	No	41	35	Yes	0.006	0.005	0.018
M035		Residential	33 Hill Road Wentworth Point		57	52	74	57	55	60	50	80	No	40	35		0.006	0.004	0.016
M039		Residential	37-39 Hill Road Wentworth Point		40	36	58	41	39	60	50	80	No	2	35		0.000	0.000	0.001
M040		Residential	37-39 Hill Road Wentworth Point		58	53	77	58	56	60	50	80	No	45	35		0.009	0.007	0.026
M042		Residential	37-39 Hill Road Wentworth Point		56	52	74	57	55	60	50	80	No	43	35		0.007	0.005	0.021
M043		Residential	37-39 Hill Road Wentworth Point		36	31	53	37	35	60	50	80	No	0	35		0.000	0.000	0.001
M046		Residential	47 Hill Road Wentworth Point		55	50	71	56	54	60	50	80	No	32	35		0.003	0.002	0.006
M050		Residential	12 Nuvolari Place Wentworth Point		41	37	59	42	40	60	50	80	No	3	35		0.000	0.000	0.001
M051		Residential	13 Savona Drive Wentworth Point		43	38	61	44	42	60	50	80	No	15	35		0.001	0.001	0.002
M052		Residential	46 Savona Drive Wentworth Point		53	48	66	54	51	60	50	80	No	34	35		0.003	0.002	0.008
M053		Residential	46 Savona Drive Wentworth Point		42	38	56	43	41	60	50	80	No	17	35		0.001	0.001	0.002
M056		Residential	46 Savona Drive Wentworth Point		37	32	53	38	35	60	50	80	No	0	35		0.000	0.000	0.000
M057		Residential	3 Stromboli Strait Wentworth Point		40	36	57	41	39	60	50	80	No	5	35		0.000	0.000	0.001
M058		Residential	3 Stromboli Strait Wentworth Point		37	32	55	37	35	60	50	80	No	0	35		0.000	0.000	0.001
M059		Residential	4 Stromboli Strait Wentworth Point		40	35	57	40	38	60	50	80	No	2	35		0.000	0.000	0.001
M077		Mixed use	2 Waterways Street Wentworth Point		29	25	39	30	28	60	50	80	No	0			0.000	0.000	0.000
Q007		Non-sensitive	0		61	56	81	62	59				No	47			0.011	0.008	0.032
Q008		Non-sensitive	0		46	42	55	47	45				No	8			0.000	0.000	0.001
Q011		Commercial	0	Sydney Olympic Park Athletic Centre	49	44	63	50	47	60			No	16			0.001	0.001	0.002
Q012		Commercial	0	NSW Rugby League Centre	61	57	81	62	60	60			No	47			0.012	0.008	0.033
Q013		Mixed use	11 Australia Avenue Sydney Olympic Park		47	42	61	48	46	60	50	80	No	2			0.000	0.000	0.001
Q014		Commercial	2 Australia Avenue Sydney Olympic Park		36	32	48	37	35	60			No	1			0.000	0.000	0.001
Q022		Commercial	10 Dawn Fraser Avenue Sydney Olympic Park		57	52	73	58	55	60			No	39			0.006	0.004	0.014
Q023		Commercial	4 Dawn Fraser Avenue Sydney Olympic Park		64	59	83	64	62	60			No	47			0.015	0.010	0.033
Q024		Commercial	15 Edwin Flack Avenue Sydney Olympic Park	Stadium Australia	54	50	70	55	53	60			No	29			0.002	0.002	0.006
Q034		Commercial	1 Herb Elliott Avenue Sydney Olympic Park		47	43	60	48	46	60			No	22			0.001	0.001	0.003
Q035		Commercial	1 Herb Elliott Avenue Sydney Olympic Park		54	49	68	54	52	60			No	34			0.004	0.003	0.008
Q036		Commercial	1 Herb Elliott Avenue Sydney Olympic Park		39	34	53	39	37	60			No	13			0.001	0.000	0.001
Q037		Commercial	1 Herb Elliott Avenue Sydney Olympic Park		46	41	61	47	45	60			No	23			0.001	0.001	0.003
Q038		Commercial	1 Herb Elliott Avenue Sydney Olympic Park		41	36	53	42	40	60			No	5			0.000	0.000	0.001
Q039		Commercial	10 Herb Elliott Avenue Sydney Olympic Park		37	32	49	37	35	60			No	0			0.000	0.000	0.000
Q040		Commercial	4 Herb Elliott Avenue Sydney Olympic Park		41	37	54	42	40	60			No	3			0.000	0.000	0.001
Q041		Commercial	6 Herb Elliott Avenue Sydney Olympic Park		35	31	46	36	34	60			No	0			0.000	0.000	0.000
Q042		Commercial	8 Herb Elliott Avenue Sydney Olympic Park		37	32	47	37	35	60			No	0			0.000	0.000	0.000
Q053		Commercial	7 Murray Rose Avenue Sydney Olympic Park		59	55	79	60	58	60			No	45			0.009	0.007	0.027
Q055		Hotel	11 Olympic Boulevard Sydney Olympic Park	Novotel Sydney Olympic Park	55	51	71	56	54	60	50	80	No	38			0.005	0.004	0.012
Q056		Hotel	11 Olympic Boulevard Sydney Olympic Park	Novotel Sydney Olympic Park	55	50	70	56	53	60	50	80	No	37			0.005	0.004	0.011
Q057		Hotel	11 Olympic Boulevard Sydney Olympic Park	Ibis Hotel	46	41	56	47	44	60	50	80	No	18			0.001	0.001	0.002
Q061		Hotel	9 Olympic Boulevard Sydney Olympic Park	Pullman At Sydney Olympic Park	43	38	53	43	41	60	50	80	No	0			0.000	0.000	0.000
Q062		Non-sensitive	1 Park Street Sydney Olympic Park	Olympic Park Station	59	54	75	60	57				No	41			0.008	0.006	0.018
Q067		Commercial	3 Parkview Drive Sydney Olympic Park		48	44	58	49	47	60			No	0			0.000	0.000	0.000
Q074		Commercial	1 Showground Road Sydney Olympic Park	Sydney Showground	41	37	57	42	40	60			No	3			0.000	0.000	0.001
Q075		Commercial	1 Showground Road Sydney Olympic Park	Exhibition Hall	54	50	71	55	53	60			No	32			0.003	0.002	0.008
Q081		Commercial	1 Showground Road Sydney Olympic Park		56	52	74	57	55	60			No	36			0.004	0.003	0.011
Q082		Commercial	1 Showground Road Sydney Olympic Park		58	54	77	59	57	60			No	41			0.007	0.005	0.019
Q083		Commercial	1 Showground Road Sydney Olympic Park		41	36	56	41	39	60			No	0			0.000	0.000	0.001
Q085		Commercial	1 Showground Road Sydney Olympic Park		40	36	58	41	39	60			No	10			0.001	0.000	0.001
Q088		Commercial	1 Showground Road Sydney Olympic Park		56	51	73	56	54	60			No	35			0.004	0.003	0.010
Q089		Commercial	1 Showground Road Sydney Olympic Park		45	40	53	45	43	60			No	6			0.000	0.000	0.001
Q090		Commercial	1 Showground Road Sydney Olympic Park		43	39	60	44	42	60			No	11			0.001	0.000	0.001
Q091		Commercial	1 Showground Road Sydney Olympic Park	Sydney Showground	35	30	49	35	33	60			No	0			0.000	0.000	0.000
Q092		Commercial	1 Showground Road Sydney Olympic Park		56	52	74	57	55	60			No	35			0.004	0.003	0.011
Q093		Commercial	1 Showground Road Sydney Olympic Park		43	38	59	44	42	60			No	6			0.000	0.000	0.001
Q095		Commercial	1 Showground Road Sydney Olympic Park		57	53	75	58	56	60			No	39			0.006	0.004	0.015
Q096		Commercial	1 Showground Road Sydney Olympic Park		55	50	72	56	54	60			No	33			0.003	0.002	0.009
Q097		Commercial	1 Showground Road Sydney Olympic Park		57	53	76	58	56	60			No	39			0.006	0.004	0.016

RID	Acquired	Type	Address	Name	2039 15/9 hour			2039 1 hour		Trigger levels			Qualifies? (Airborne)	GBN LASmax	Trigger level	Qualifies? (GBN)	Future		
					Laeq(15h)	Laeq(9hr)	LAMax	LAeq(1hr)	LAeq(1hr)	Day Criteria	Night Criteria	Max Criteria					eVDV Day	eVDV Night	PPV
R004		Residential	11 Canning Street Lidcombe		37	33	56	38	36	60	50	80	No	0	35		0.000	0.000	0.000
R009		Residential	13 Carter Street Lidcombe		48	44	63	49	47	60	50	80	No	0	35				
R010		Residential	13 Carter Street Lidcombe		32	27	49	33	30	60	50	80	No	0	35				
R028		Residential	7 Flock Street Lidcombe		32	28	49	33	31	60	50	80	No	4	35		0.000	0.000	0.001
R029		Residential	9 Grazier Street Lidcombe		48	43	67	49	46	60	50	80	No	21	35		0.001	0.001	0.003
R032		Residential	4-6 Uhrig Street Lidcombe		58	53	78	58	56	60	50	80	No	0	35				
R033		Residential	4-6 Uhrig Street Lidcombe		49	44	66	50	47	60	50	80	No	0	35				
R034		Residential	4-6 Uhrig Street Lidcombe		58	53	78	58	56	60	50	80	No	46	35		0.011	0.008	0.030
R036		Residential	5 Uhrig Road Lidcombe		37	33	51	38	36	60	50	80	No	9	35		0.000	0.000	0.001
R037		Residential	5 Uhrig Road Lidcombe		43	39	60	44	42	60	50	80	No	14	35		0.001	0.000	0.001
R038		Residential	5 Uhrig Road Lidcombe		46	41	60	47	44	60	50	80	No	22	35		0.001	0.001	0.003
R039		Residential	5 Uhrig Road Lidcombe		59	55	80	60	58	60	50	80	No	52	35	Yes	0.018	0.013	0.053
R040		Residential	5 Uhrig Road Lidcombe		36	32	54	37	35	60	50	80	No	31	35		0.003	0.002	0.006
R041		Commercial	5 Uhrig Road Lidcombe		56	52	73	57	55	60			No	39			0.005	0.004	0.014
R046		Hotel	6 Edwin Flack Avenue Sydney Olympic Park	Quest At Sydney Olympic Park	47	42	61	47	45	60	50	80	No	9			0.000	0.000	0.001
R047		Hotel	8 Edwin Flack Avenue Sydney Olympic Park	Ibis Budget Sydney Olympic Park	58	53	76	59	57	60	50	80	No	39			0.006	0.004	0.015

G-5 Operational road traffic noise results – South Street and Boronia Street

RID	North or south of road	Address	Type	NCA	2031 No Build - 15 hour	2031 No Build - 9 hour	2031 No Build - LAFmax	2031 Build 15 hour	2031 Build 9 hour	2031 Build LAFmax	Difference in noise level, 15 hour	Difference in noise level, 9 hour	Difference in noise level, LAFmax	LAFmax - Vehicle crossing track	LAFmax - Vehicle truck passby	Dominant - Noise source	>2 dBA Day and Laeq(15hr) > 60	>2 dBA Night and LAeq(9hr) > 55	Lmax > 65- No Build	Lmax > 65 - Build
E093	North	10 Dorothy Street Rydalmere	Residential	E	59	54	69	60	55	71	1.3	1.4	1.8	67	71	Passby	No	No	Yes	Yes
E094	North	10 Dorothy Street Rydalmere	Residential	E	60	55	70	61	56	72	1.5	1.5	2.2	70	72	Passby	No	No	Yes	Yes
E097	North	14 Dorothy Street Rydalmere	Residential	E	59	54	70	60	55	72	1.3	1.3	2	66	72	Passby	No	No	Yes	Yes
E099	North	16 Dorothy Street Rydalmere	Residential	E	62	57	72	63	58	75	1.5	1.4	3	63	75	Passby	No	No	Yes	Yes
E101	North	18 Dorothy Street Rydalmere	Residential	E	59	55	69	60	55	71	0.8	0.8	2	54	71	Passby	No	No	Yes	Yes
E103	North	2 Dorothy Street Rydalmere	Residential	E	55	50	69	59	54	75	4.1	4.2	6.5	75	72	Crossing	No	No	Yes	Yes
E104	North	20 Dorothy Street Rydalmere	Residential	E	60	55	69	61	56	71	0.8	0.8	2.1	60	71	Passby	No	No	Yes	Yes
E106	North	22 Dorothy Street Rydalmere	Residential	E	60	56	70	61	57	72	1	1.1	2.2	60	72	Passby	No	No	Yes	Yes
E108	North	24 Dorothy Street Rydalmere	Residential	E	61	56	70	62	57	72	1	1.1	2.3	59	72	Passby	No	No	Yes	Yes
E110	North	26 Dorothy Street Rydalmere	Residential	E	60	55	69	61	56	71	1	0.9	2	58	71	Passby	No	No	Yes	Yes
E112	North	28 Dorothy Street Rydalmere	Residential	E	60	56	70	61	56	72	0.9	0.9	2.1	57	72	Passby	No	No	Yes	Yes
E115	North	30 Dorothy Street Rydalmere	Residential	E	60	55	69	61	56	71	1	0.9	2	57	71	Passby	No	No	Yes	Yes
E116	North	4 Dorothy Street Rydalmere	Residential	E	60	55	72	63	58	76	2.8	2.8	4.5	76	75	Crossing	Yes	Yes	Yes	Yes
E117	North	4 Dorothy Street Rydalmere	Residential	E	58	53	69	59	54	71	0.9	0.8	2	66	71	Passby	No	No	Yes	Yes
E120	North	8 Dorothy Street Rydalmere	Residential	E	59	54	69	61	56	71	1.7	1.7	2.2	70	71	Passby	No	No	Yes	Yes
E260	South	102 South Street Rydalmere	Residential	E	63	59	75	63	59	75	-0.1	-0.2	0	73	75	Passby	No	No	Yes	Yes
E261	South	104 South Street Rydalmere	Residential	E	64	59	76	63	59	76	-0.5	-0.4	0	68	76	Passby	No	No	Yes	Yes
E262	South	104 South Street Rydalmere	Residential	E	63	58	75	63	58	75	-0.3	-0.3	0.1	70	75	Passby	No	No	Yes	Yes
E263	South	108 South Street Rydalmere	Residential	E	64	59	75	63	59	75	-0.5	-0.4	0	66	75	Passby	No	No	Yes	Yes
E264	South	110 South Street Rydalmere	Residential	E	64	60	76	64	59	76	-0.5	-0.5	0.1	66	76	Passby	No	No	Yes	Yes
E265	South	112 South Street Rydalmere	Residential	E	64	60	76	64	59	77	-0.5	-0.6	0.1	63	77	Passby	No	No	Yes	Yes
E266	South	114 South Street Rydalmere	Residential	E	64	60	76	64	59	76	-0.5	-0.5	0.1	61	76	Passby	No	No	Yes	Yes
E267	South	116 South Street Rydalmere	Residential	E	64	59	75	63	59	75	-0.4	-0.5	0.1	60	75	Passby	No	No	Yes	Yes
E268	South	116 South Street Rydalmere	Residential	E	64	59	75	63	59	76	-0.4	-0.5	0.1	60	76	Passby	No	No	Yes	Yes
E269	South	120 South Street Rydalmere	Residential	E	65	60	76	64	59	76	-0.5	-0.5	0.1	58	76	Passby	No	No	Yes	Yes
E270	South	122 South Street Rydalmere	Residential	E	63	59	75	63	58	75	-0.5	-0.4	0	53	75	Passby	No	No	Yes	Yes
E271	South	124 South Street Rydalmere	Residential	E	64	59	75	63	59	75	-0.4	-0.5	0.1	56	75	Passby	No	No	Yes	Yes
E301	South	98 South Street Rydalmere	Residential	E	63	58	76	64	59	77	0.6	0.6	1.5	77	76	Crossing	No	No	Yes	Yes
E302	South	98 South Street Rydalmere	Residential	E	63	58	75	63	58	75	0.1	0.2	0	75	75	Passby	No	No	Yes	Yes
F085	North	47 Fallon Street Rydalmere	Residential	F	62	57	73	64	59	78	2.3	2.3	5	61	78	Passby	Yes	Yes	Yes	Yes
F091	South	53 Fallon Street Rydalmere	Residential	F	53	48	66	53	48	67	0.1	0.1	0.6	61	67	Passby	No	No	Yes	Yes
F301	South	25 Primrose Avenue Rydalmere	Residential	F	56	51	69	56	51	72	0.3	0.3	2.7	72	69	Crossing	No	No	Yes	Yes
F316	North	42 Primrose Avenue Rydalmere	Residential	F	58	53	68	59	55	72	1.7	1.7	4.2	72	70	Crossing	No	No	Yes	Yes
F345	South	126 South Street Rydalmere	Residential	F	64	59	75	63	59	75	-0.5	-0.4	0	55	75	Passby	No	No	Yes	Yes
F346	South	128 South Street Rydalmere	Residential	F	64	60	76	64	59	76	-0.5	-0.5	0	54	76	Passby	No	No	Yes	Yes
F347	South	130 South Street Rydalmere	Residential	F	64	60	76	64	59	76	-0.4	-0.4	0.2	54	76	Passby	No	No	Yes	Yes
F348	South	130 South Street Rydalmere	Residential	F	64	59	75	64	59	76	-0.3	-0.3	0.4	53	76	Passby	No	No	Yes	Yes
F349	South	134 South Street Rydalmere	Residential	F	64	59	75	63	59	76	-0.2	-0.1	1.1	54	76	Passby	No	No	Yes	Yes
F350	South	136 South Street Rydalmere	Residential	F	64	59	75	64	59	76	0	0	1.2	54	76	Passby	No	No	Yes	Yes
F351	South	138 South Street Rydalmere	Residential	F	64	59	75	64	59	77	0.1	0.1	1.6	52	77	Passby	No	No	Yes	Yes
F352	South	140 South Street Rydalmere	Residential	F	65	60	76	65	60	78	0.2	0.3	2.1	55	78	Passby	No	No	Yes	Yes
F353	South	142 South Street Rydalmere	Residential	F	64	60	76	65	60	78	0.1	0.1	1.6	57	78	Passby	No	No	Yes	Yes
F354	South	144 South Street Rydalmere	Residential	F	64	60	76	64	60	77	0.1	0	1.5	58	77	Passby	No	No	Yes	Yes
F355	South	146 South Street Rydalmere	Residential	F	65	60	77	65	61	79	0.1	0.1	1.7	58	79	Passby	No	No	Yes	Yes
F356	South	148 South Street Rydalmere	Residential	F	65	60	76	65	60	78	0.1	0	1.6	59	78	Passby	No	No	Yes	Yes
F357	South	148 South Street Rydalmere	Residential	F	65	60	76	65	60	78	0	0	1.5	61	78	Passby	No	No	Yes	Yes
F358	South	152 South Street Rydalmere	Residential	F	65	60	76	65	60	78	0	0	1.4	61	78	Passby	No	No	Yes	Yes
F359	South	154 South Street Rydalmere	Residential	F	64	60	76	64	60	77	0	0	1.3	62	77	Passby	No	No	Yes	Yes
F360	South	156 South Street Rydalmere	Residential	F	65	60	77	65	60	78	-0.1	-0.1	1.2	64	78	Passby	No	No	Yes	Yes
F361	South	158 South Street Rydalmere	Residential	F	65	60	77	65	60	78	-0.2	-0.1	0.9	67	78	Passby	No	No	Yes	Yes
F362	South	160 South Street Rydalmere	Residential	F	64	59	76	64	59	76	-0.2	-0.2	0.7	69	76	Passby	No	No	Yes	Yes
F363	South	162 South Street Rydalmere	Residential	F	64	60	76	64	60	76	-0.2	-0.2	0.3	74	76	Passby	No	No	Yes	Yes
F364	South	164 South Street Rydalmere	Residential	F	65	60	77	65	60	77	-0.1	-0.1	0	76	77	Passby	No	No	Yes	Yes
F365	South	166 South Street Rydalmere	Residential	F	66	61	79	66	61	79	-0.2	-0.2	0.4	74	79	Passby	No	No	Yes	Yes
F366	South	168 South Street Rydalmere	Residential	F	66	61	79	66	61	79	-0.3	-0.3	0.5	70	79	Passby	No	No	Yes	Yes
F367	South	170 South Street Rydalmere	Residential	F	64	60	77	64	59	77	-0.3	-0.3	0.5	66	77	Passby	No	No	Yes	Yes
F368	North	61 South Street Rydalmere	Residential	F	63	58	73	65	60	78	1.9	1.9	4.5	53	78	Passby	No	No	Yes	Yes
F369	North	61 South Street Rydalmere	Residential	F	61	57	72	63	58	75	1.3	1.3	3	58	75	Passby	No	No	Yes	Yes
F373	North	63 South Street Rydalmere	Residential	F	63	58	73	65	61	79	2.4	2.3	5.5	54	79	Passby	Yes	Yes	Yes	Yes
F374	North	65 South Street Rydalmere	Residential	F	63	59	74	66	62	81	3	2.9	6.6	54	81	Passby	Yes	Yes	Yes	Yes
F375	North	67 South Street Rydalmere	Residential	F	62	58	73	65	60	79	2.5	2.4	5.7	54	79	Passby	Yes	Yes	Yes	Yes
F376	North	69 South Street Rydalmere	Residential	F	63	58	73	65	61	79	2.5	2.5	6	52	79	Passby	Yes	Yes	Yes	Yes
F377	North	71 South Street Rydalmere	Residential	F	63	58	73	66	61	80	2.8	2.9	6.7	56	80	Passby	Yes	Yes	Yes	Yes
F378	North	73 South Street Rydalmere	Residential	F	63	58	73	66	61	80	2.8	2.7	6.4	56	80	Passby	Yes	Yes	Yes	Yes
F379	North	75 South Street Rydalmere	Residential	F	63	58	73	66	61	80	2.8	2.8	6.5	57	80	Passby	Yes	Yes	Yes	Yes
F380	North	77 South Street Rydalmere	Residential	F	63	58	73	65	61	79	2.6	2.7	6.4	58	79	Passby	Yes	Yes	Yes	Yes
F381	North	79 South Street Rydalmere	Residential	F	63	58	73	66	61	80	2.9	3	6.6	59	80	Passby	Yes	Yes	Yes	Yes
F382	North	81 South Street Rydalmere	Residential	F	63	58	73	65	61	79	2.7	2.8	6.6	59	79	Passby	Yes	Yes	Yes	Yes
F383	North	83 South Street Rydalmere	Residential	F	63	58	73	66	61	80	3	3.1	6.9	61	80	Passby	Yes	Yes	Yes	Yes
F384	North	85 South Street Rydalmere	Residential	F	62	58	73	65	61	79	2.8	2.7	6.2	62	79	Passby	Yes	Yes	Yes	Yes
F385	North	85 South Street Rydalmere	Residential	F	60	56	71	62	58	75	1.8	1.8	4.4	62	75	Passby	No	No	Yes	Yes
F386	North	89 South Street Rydalmere	Residential	F	63	58	73	65	61	79	2.9	2.9	6.4	64	79	Passby	Yes	Yes	Yes	Yes
F387	North	91 South Street Rydalmere	Residential	F	58	54	70	60	56	74	1.9	1.9	4.2	68	74	Passby	No	No	Yes	Yes
F389	North	93 South Street Rydalmere	Residential	F	63	58	73	66	62	80	3.4	3.5	6.7	76	80	Passby	Yes	Yes	Yes	Yes
F390	North	95 South Street Rydalmere	Residential	F	63	59	74	67	62	82	3.7	3.7	7.4	74	82	Passby	Yes	Yes	Yes	Yes
F391	North	97 South Street Rydalmere	Residential	F	62	57	73	64	60	78	2.4	2.5	5.3	70	78	Passby	Yes	Yes	Yes	Yes
F393	North	99 South Street Rydalmere	Residential	F	62	58	73	65	60	79	2.6	2.6	5.7	67	79	Passby	Yes	Yes	Yes	Yes
I052	North	1 Boronia Street Ermington	Residential	I	66	61	73	68	63	78	2.1	2.1	4.5	71	78	Passby	Yes	Yes	Yes	Yes
I053	North	1 Boronia Street Ermington	Residential	I	65	61	72	67	62	76	1.5	1.5	3.7	66	76	Passby	No	No	Yes	Yes
I054	South	10 Boronia Street Ermington	Residential	I	69	64	78	69	64	79	-0.2	-0.2	0.8	68	79	Passby	No	No	Yes	Yes
I055	North	11 Boronia Street Ermington	Residential	I	65	61	72	66	62	75	1.4	1.3	3.5	69	75	Passby	No	No	Yes	Yes
I056	South	12 Boronia Street Ermington	Residential	I	68	64	77	68	64	78	-0.2	-0.2	0.7	70	78	Passby	No	No	Yes	Yes
I057	North	13 Boronia Street Ermington	Residential	I	65	61	72	67	62	75	1.4	1.4	3.5	70	75	Passby	No	No	Yes	Yes
I058	South	14 Boronia Street Ermington	Residential	I	69	64	78	69	64	79	-0.1	0	0.7	72	79	Passby	No	No	Yes	Yes
I059	North	15 Boronia Street Ermington	Residential	I	65	61	72	67	63	75	1.7	1.7	3.5	73	75	Passby	No	No	Yes	Yes
I061	South	16 Boronia Street Ermington	Residential	I	68	64	77	69	64	78	0.2	0.2	0.6	75	78	Passby	No	No	Yes	Yes
I062	North	17 Boronia Street Ermington	Residential	I	65	61	72	67	63	76	1.9	1.9	3.5	74	76	Passby	No	No	Yes	Yes
I063	South	18 Boronia Street Ermington	Residential	I	68	64	77	69	64	78	0.3	0.3	0.5	75	78	Passby	No	No	Yes	Yes
I064	North	19 Boronia Street Ermington	Residential	I	66	61	73	68	64	76	2.2	2.3	3.8	74	76	Passby	Yes	Yes	Yes	Yes
I065	South	2 Boronia Street Ermington	Residential	I	69	65	79	69	65	80	0	0	1.2	68	80	Passby	No	No	Yes	Yes
I066	South	2 Boronia Street Ermington	Residential	I	68	64	78	68	64	79	-0.2	-0.2	1.1	66	79	Passby	No	No	Yes	Yes
I067	South	20 Boronia Street Ermington	Residential	I	68	64	77	68	64	77	0	0.1	0.5	74	77	Passby	No	No	Yes	Yes
I068	North	21 Boronia Street Ermington	Residential	I	66	61	73	67	63	76	1.8	1.9	3.8	73	76	Passby	No	No	Yes	Yes
I069	South	22 Boronia Street Ermington	Residential	I	68	64	77	68	64	78	-0.1	-0.1	0.5	70	78	Passby	No	No	Yes	Yes
I070	North	23 Boronia Street Ermington	Residential	I	66	61	73	68	63	77	1.8	1.7	4	71	77	Passby	No	No	Yes	Yes
I071	North	23 Boronia Street Ermington	Residential	I	66	61	73	67	63	77	1.6	1.6	3.9	69	77	Passby	No	No	Yes	Yes
I072	South	24 Boronia Street Ermington	Residential	I	69	65	78	69	64	79	-0.2	-0.2	0.6	67	79	Passby	No	No	Yes	Yes
I073	South	24 Boronia Street Ermington	Residential	I	55	50	69	55	50	70	0	0	0.2	61	70	Passby	No	No	Yes	Yes
I075	North	25 Boronia Street Ermington	Residential	I	66	61	73	68	63	77	1.7	1.7	4.1	67	77	Passby	No	No	Yes	Yes
I076	South	26 Boronia Street Ermington	Residential	I	68	63	76	67	63	77	-0.2	-0.3	0.5	66	77	Passby	No	No	Yes	Yes
I077	South	28 Boronia Street Ermington	Residential	I	68	64	77	68	64	78	-0.2	-0.3	0.6	64	78	Passby	No	No	Yes	Yes
I078	North	29 Boronia Street Ermington	Residential	I	66	61	72	67	63	76	1.6	1.6	4	65	76	Passby	No	No	Yes	Yes
I079	North	3 Boronia Street Ermington	Residential	I	63	59	70	64	60	73	0.8	0.9	2.9	62	73	Passby	No	No	Yes	Yes
I080	North	3 Boronia Street Ermington	Residential	I	49	44	63	49	45	64	0.3	0.3	1.4	58	64	Passby	No	No	No	No
I081	South	30 Boronia Street Ermington	Residential	I	70	65	79	70	66	82	0.3	0.3	2.1	65	82	Passby	No	No	Yes	Yes
I082	North	31 Boronia Street Ermington	Residential	I	66	61	73	67	63	77	1.8	1.7	4.2	64	77	Passby	No	No	Yes	Yes
I083	South	32 Boronia Street Ermington	Residential	I	66	62	75	66	62	76	0.1	0.2	1.3	68	76	Passby	No	No	Yes	Yes
I084	North	33 Boronia Street Ermington	Residential	I	66	62	73	68	64	79	2.2	2.2	5.4	63	79	Passby	Yes	Yes	Yes	Yes
I085	South	34 Boronia Street Ermington	Residential	I	68	64	77	68	64	78	0.2	0.3	1.5	70	78	Passby	No	No	Yes	Yes
I086	North	35 Boronia Street Ermington	Residential	I	66	62	73	68	64	78	2.1	2.1	5	65	78	Passby	Yes	Yes	Yes	Yes
I087	South	36 Boronia Street Ermington	Residential	I	68	64	77	68	64	78	0.3	0.4	1.3	73	78	Passby	No	No	Yes	Yes
I088	North	37 Boronia Street Ermington	Residential	I	64	59	71	65	61	74	1.3	1.3	3.7	66	74	Passby	No	No	Yes	Yes

RID	North or south of road	Address	Type	NCA	2031 No Build - 15 hour	2031 No Build - 9 hour	2031 No Build - LAFmax	2031 Build 15 hour	2031 Build 9 hour	2031 Build LAFmax	Difference in noise level, 15 hour	Difference in noise level, 9 hour	Difference in noise level, LAFmax	LAFmax - Vehicle crossing track	LAFmax - Vehicle truck passby	Dominant - Noise source	>2 dBA Day and Laeq(15hr) > 60	>2 dBA Night and LAeq(9hr) > 55	Lmax > 65- No Build	Lmax > 65 - Build
I089	South	38 Boronia Street Ermington	Residential	I	68	64	77	69	65	79	0.7	0.7	1.5	77	79	Passby	No	No	Yes	Yes
I090	North	39 Boronia Street Ermington	Residential	I	65	61	72	67	63	77	1.9	1.9	4.7	69	77	Passby	No	No	Yes	Yes
I091	South	4 Boronia Street Ermington	Residential	I	68	64	77	68	63	78	-0.2	-0.2	0.9	64	78	Passby	No	No	Yes	Yes
I093	North	41 Boronia Street Ermington	Residential	I	65	61	72	67	63	77	1.9	1.9	4.6	72	77	Passby	No	No	Yes	Yes
I094	North	41 Boronia Street Ermington	Residential	I	65	60	72	67	63	76	2	2.1	4.2	74	76	Passby	No	Yes	Yes	Yes
I095	South	42 Boronia Street Ermington	Residential	I	68	63	76	68	64	77	0.2	0.3	1.1	74	77	Passby	No	No	Yes	Yes
I096	South	44 Boronia Street Ermington	Residential	I	67	62	75	66	62	75	-0.3	-0.3	0.2	71	75	Passby	No	No	Yes	Yes
I097	North	45 Boronia Street Ermington	Residential	I	65	61	72	67	63	76	2.3	2.3	4.4	76	76	Passby	Yes	Yes	Yes	Yes
I098	South	46 Boronia Street Ermington	Residential	I	67	63	77	67	62	76	-0.8	-0.8	-0.7	68	76	Passby	No	No	Yes	Yes
I099	North	47 Boronia Street Ermington	Commercial	I	66	62	74	70	66	80	3.5	3.5	5.9	77	80	Passby	Yes	Yes	Yes	Yes
I100	South	48 Boronia Street Ermington	Residential	I	67	63	76	67	63	76	-0.2	-0.2	0.5	76	75	Crossing	No	No	Yes	Yes
I101	North	49 Boronia Street Ermington	Residential	I	66	62	73	69	64	79	2.8	2.9	5.7	75	79	Passby	Yes	Yes	Yes	Yes
I102	North	5 Boronia Street Ermington	Residential	I	66	62	73	68	64	78	1.8	1.9	4.7	62	78	Passby	No	No	Yes	Yes
I103	South	50 Boronia Street Ermington	Residential	I	68	63	77	67	63	76	-0.4	-0.4	-0.2	73	76	Passby	No	No	Yes	Yes
I104	North	51 Boronia Street Ermington	Residential	I	66	61	73	68	64	78	2.5	2.4	5.4	71	78	Passby	Yes	Yes	Yes	Yes
I105	South	52 Boronia Street Ermington	Residential	I	69	64	78	68	64	78	-0.3	-0.3	0.6	69	78	Passby	No	No	Yes	Yes
I106	North	53 Boronia Street Ermington	Residential	I	66	61	72	68	63	77	2.1	2.1	5.3	69	77	Passby	Yes	Yes	Yes	Yes
I107	South	54 Boronia Street Ermington	Residential	I	67	63	76	67	63	77	-0.1	-0.1	0.8	70	77	Passby	No	No	Yes	Yes
I108	North	55 Boronia Street Ermington	Residential	I	65	60	72	66	62	75	1.5	1.5	3.4	70	75	Passby	No	No	Yes	Yes
I109	South	56 Boronia Street Ermington	Residential	I	68	64	77	68	64	79	0.2	0.3	1.6	73	79	Passby	No	No	Yes	Yes
I110	North	57 Boronia Street Ermington	Residential	I	65	61	72	67	62	75	1.7	1.6	2.7	74	75	Passby	No	No	Yes	Yes
I111	South	58 Boronia Street Ermington	Residential	I	67	63	76	68	63	77	0.3	0.3	1.1	74	77	Passby	No	No	Yes	Yes
I112	North	59 Boronia Street Ermington	Residential	I	65	60	72	67	62	75	1.9	1.9	3.2	75	75	Crossing	No	No	Yes	Yes
I113	South	6 Boronia Street Ermington	Residential	I	69	65	79	69	65	80	-0.2	-0.1	1	64	80	Passby	No	No	Yes	Yes
I114	North	61 Boronia Street Ermington	Residential	I	64	60	71	66	62	74	1.5	1.6	2.9	74	74	Crossing	No	No	Yes	Yes
I115	South	62 Boronia Street Ermington	Residential	I	66	62	75	66	62	76	0	0	1.1	72	76	Passby	No	No	Yes	Yes
I116	North	63 Boronia Street Ermington	Residential	I	65	60	72	66	62	75	1.5	1.4	3	72	75	Passby	No	No	Yes	Yes
I117	South	64 Boronia Street Ermington	Residential	I	67	63	76	67	63	78	0	-0.1	1.1	67	78	Passby	No	No	Yes	Yes
I118	North	65 Boronia Street Ermington	Residential	I	65	61	72	67	62	75	1.5	1.5	3.2	70	75	Passby	No	No	Yes	Yes
I119	South	66 Boronia Street Ermington	Residential	I	66	62	76	67	62	77	0.2	0.1	1.1	64	77	Passby	No	No	Yes	Yes
I120	North	67 Boronia Street Ermington	Residential	I	64	60	72	65	61	74	1.2	1.2	2.8	69	74	Passby	No	No	Yes	Yes
I121	North	69 Boronia Street Ermington	Residential	I	65	61	72	66	62	75	1.4	1.5	3	72	75	Passby	No	No	Yes	Yes
I122	North	7 Boronia Street Ermington	Residential	I	66	62	73	68	64	78	1.8	1.8	4.5	65	78	Passby	No	No	Yes	Yes
I123	North	7 Boronia Street Ermington	Residential	I	51	46	63	51	47	65	0.3	0.3	2	60	65	Passby	No	No	No	Yes
I124	North	71 Boronia Street Ermington	Residential	I	65	61	72	67	62	75	1.7	1.7	2.9	74	75	Passby	No	No	Yes	Yes
I125	North	73 Boronia Street Ermington	Residential	I	65	60	72	67	62	76	1.8	1.8	4.4	76	75	Crossing	No	No	Yes	Yes
I126	North	75 Boronia Street Ermington	Residential	I	65	61	72	67	62	76	1.8	1.7	3.4	74	76	Passby	No	No	Yes	Yes
I127	North	75 Boronia Street Ermington	Residential	I	62	58	71	64	59	73	1.2	1.1	2.6	70	73	Passby	No	No	Yes	Yes
I128	North	79 Boronia Street Ermington	Residential	I	64	59	71	65	61	74	1.5	1.5	3	67	74	Passby	No	No	Yes	Yes
I129	South	8 Boronia Street Ermington	Residential	I	69	64	78	68	64	79	-0.2	-0.2	0.8	66	79	Passby	No	No	Yes	Yes
I130	North	81 Boronia Street Ermington	Residential	I	64	60	72	66	62	77	2.2	2.1	4.1	65	77	Passby	Yes	Yes	Yes	Yes
I131	North	83 Boronia Street Ermington	Residential	I	62	58	71	64	60	76	2.2	2.2	4.3	63	76	Passby	Yes	Yes	Yes	Yes
I132	North	9 Boronia Street Ermington	Residential	I	54	49	66	54	50	69	0.4	0.3	2.3	63	69	Passby	No	No	Yes	Yes
I175	South	29 Broadoaks Street Ermington	Residential	I	58	54	71	60	55	73	1.5	1.5	1.8	73	71	Crossing	No	No	Yes	Yes
I450	North	25 Murdoch Street Ermington	Residential	I	55	50	65	55	51	70	0.7	0.7	4.9	70	67	Crossing	No	No	No	Yes
I527	South	2 Spofforth Street Ermington	Residential	I	69	65	79	68	64	78	-0.7	-0.7	-1	76	78	Passby	No	No	Yes	Yes
I543	South	4 Spofforth Street Ermington	Residential	I	57	53	73	57	52	72	-0.7	-0.7	-0.5	64	72	Passby	No	No	Yes	Yes
I544	South	4 Spofforth Street Ermington	Residential	I	69	65	79	68	64	78	-1.1	-1.1	-1.1	72	78	Passby	No	No	Yes	Yes
I552	North	1 Spurway Street Ermington	Residential	I	66	62	75	70	65	81	3.3	3.4	5.7	76	81	Passby	Yes	Yes	Yes	Yes
I553	North	3 Spurway Street Ermington	Residential	I	53	48	66	57	52	71	3.8	3.9	5.3	71	67	Crossing	No	No	Yes	Yes
I562	North	5 Spurway Street Ermington	Residential	I	50	45	63	50	46	64	0.3	0.3	1.2	59	64	Passby	No	No	No	No
I658	South	27 Trumper Street Ermington	Residential	I	68	64	78	69	65	80	0.6	0.6	1.8	76	80	Passby	No	No	Yes	Yes

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