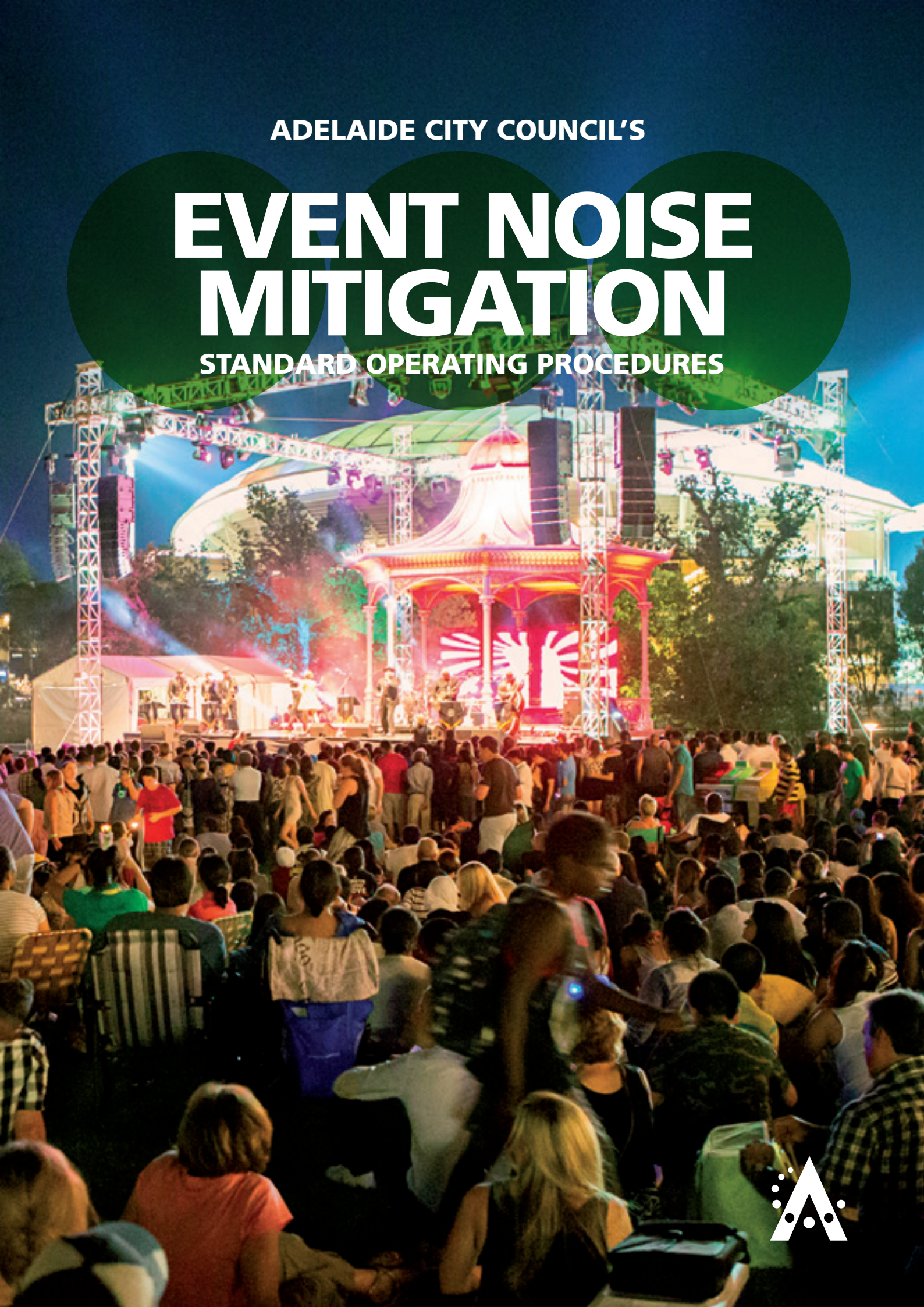
ADELAIDE CITY COUNCIL'S

EVENT NOISE MITIGATION

STANDARD OPERATING PROCEDURES



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INTRODUCTION

Events in the Adelaide City Council (ACC) Public Realm have the potential to cause noise related environmental impact. Under the *Environment Protection Act 1993*, Event Organisers have a legal responsibility to prevent and minimise environmental impact as far as practicable.

The Adelaide Park Lands were set aside for public use more than 170 years ago. The Park Lands are highly valued by the people of South Australia as the City's primary public space and host more than 500 events per year.

Over recent years, streets and laneways have become more frequently activated beyond their traditional use to be transformed as creative and interactive spaces and places for activities and Events.

This document outlines the noise mitigation requirements and procedures that an Event Organiser is required to adhere to when operating events in the ACC Public Realm.

ACC recognises that each event and venue is by its nature unique. In some instances there may be the need to further tailor the requirements and procedures to ensure that the noise mitigation is appropriate for each event.

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LEGISLATIVE OBLIGATIONS

Event Organisers have a legal obligation under the General Environmental Duty in section 25 of the Environment Protection Act 1993 (EP Act) that states:

A person must not undertake an activity that pollutes, or might pollute, the environment unless the person takes all reasonable and practicable measures to prevent or minimise any resulting environmental harm.*

*Environmental harm includes nuisance, such as noise.

Failure to comply with the General Environmental Duty, or to cause environmental harm in the form of nuisance noise, can result in civil or criminal prosecution.

In order to demonstrate compliance with section 25 of the EP Act, Event Organisers should consider the potential noise impacts of planned Events and minimise those impacts where possible. The requirements set out in the ACC Event Noise Mitigation Standard Operating Procedures (SOP's) may assist with this process.

Event organisers are responsible for all WHS requirements in regards to worker safety risks arising from hazardous noise in the work place.

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DEFINITION OF TERMS

Refer Attachment 1. Definition of Terms

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EVENT TYPES

The following event types are subject to the Events Noise Mitigation SOP's:

Multi Stage Music Festivals Page 9	Major music events that have more than one (1) stage continuously programmed with music acts that have large audio infrastructure requirements and high level treble and/or bass outputs.
Large Scale Concerts Page 15	Music events that have only one (1) stage continuously programmed with music acts that have large audio infrastructure requirements and high level treble and/or bass outputs.
Symphonic and Classical Performances Page 21	Events with live (amplified or unamplified) classical, operatic, orchestral and choral performances with extensive audio infrastructure.
Temporary Multi-day Venues Page 25	Venues with programmed performance/ music which operate for two (2) or more event days.
Events and Festivals with a Music Component Page 29	Events that have a range of entertainment offerings including but not strictly focussed on music acts and have minor to medium audio infrastructure.
Small Scale Concerts Page 33	Small to medium events that have only one (1) stage programmed with large audio infrastructure requirements and high level treble and/or bass outputs.
Road Events Page 37	Events held on public roads and laneways.
Events that use a public address system Page 40	All events that use public address systems for event announcements or commentary

ACC reserves the right to apply the ACC Event Noise Mitigation SOP's to events that fall outside of the above descriptions.

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EVENT LOCATIONS

On receipt of an Event application, ACC will consider whether the requested location is appropriate given the scale, event type, event date/ time and anticipated impact to the environment (including noise impact).

Community Land Management Plans (CLMP) help to provide guidance as to the suitability of Park Land venues for events.

Where a requested location is deemed by ACC to be inappropriate, ACC will endeavour to work with the Event Organiser to identify a suitable alternative location.

EVENT LOCATIONS FOR MULTI STAGE MUSIC FESTIVALS

To limit the impact of Multi Stage Music Festivals across the Public Realm, suitable Park Land venues have been identified as follows:

- The location known as 'The Plateau' in Tampawardli (Park 24)
- Bonython Park/Tulya Wardli
  A maximum of three (3) events totaling a maximum of four (4) event days can be held in this park per year (1 July – 30 June)

Applications to hold Multi Stage Music Festivals in other locations will be assessed on a case by case basis.

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NOISE BONDS

WHAT IS A NOISE BOND?	• A Noise Bond is an amount of money paid up front by an Event Organiser as a security to encourage Events to comply with the Event Noise Mitigation SOP's. • The bond amount is held in trust by ACC until after the Event when ACC is able to confirm the Event's compliance/ non-compliance with the Event Noise Mitigation SOP's.
WHAT EVENTS WILL HAVE A NOISE BOND APPLIED?	• If the Event has had a history of not complying with the Event Noise Mitigation SOP's. • If an Event includes a music component *and* ACC deems that the Event is at risk of exceeding the levels outlined in the Event Noise Mitigation SOP's.
WHAT IS THE NOISE BOND AMOUNT?	• If applied, the noise bond amount for *Multi Stage Music Festivals* will usually be $10,000, however this may vary at the discretion of ACC. • If applied, the noise bond amount for *Large Scale Concerts* and *Symphonic and Classical Performances* will usually be between $5,000 - $10,000, however this may vary at the discretion of ACC. • If applied, the noise bond amount for *Events and Festivals with a Music Component* and *Temporary Multi-day Venues* will usually be up to $5,000, however this may vary at the discretion of ACC.
WHEN DOES THE NOISE BOND HAVE TO BE PAID?	• The Event Organiser will be required to pay the Noise Bond on receipt of an appropriate tax invoice from ACC as a condition of the Event Licence. • The Noise Bond must be received by ACC prior to the Event bump-in as a condition of the Event Licence.
WHEN IS THE NOISE BOND REFUNDED TO THE EVENT ORGANISER?	• The Noise Bond will be refunded to the Event Organiser post-Event once ACC is able to confirm the Event's compliance with the Event Noise Mitigation SOP's. • The Event Organiser must submit to ACC an appropriate tax invoice for the refund of the Noise Bond before this can be paid.

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NOISE LIMITERS

WHAT IS A NOISE LIMITER?

A noise limiter is an electronic circuit device that restricts the sound level that can be emitted from a sound system.

HOW DOES A NOISE LIMITER WORK?

Depending on the capabilities of the particular technology, a noise limiter can work in one of two ways as follows:

- By limiting the sound level that can be emitted from a sound system to a specific predefined input signal (sound level).
- By cutting power to the sound system or speakers, should a predefined sound level be exceeded.

Noise limiters can operate in conjunction with a feedback device (i.e. microphone) which is used to constantly measure and provide feedback to the system of the actual noise level. Alternatively, noise limiters can be pre-calibrated using a sound level meter to determine the maximum sound level.

In its most basic form, a noise limiter will cut power to the entire sound system when a predefined noise level is exceeded, turning the system off momentarily then allowing it to power up again. More advanced noise limiters will allow sound levels to increase only to a certain predefined level, ensuring that there is no interruption to the music being emitted.

Some noise limiters will also allow frequency dependant limits, thus enabling different noise limits for the bass and treble to be set.

WHAT EVENTS WILL BE REQUIRED TO USE NOISE LIMITERS?

- Events that have been previously advised by ACC that any approved future Events held in the ACC Public Realm will be required to install noise limiters.

In some instances, ACC may also require the following events to use noise limiters:

- If the Event has had a history of not complying with the Event Noise Mitigation SOP's.
- If an Event includes a music component and ACC deems that the Event is at risk of exceeding the levels outlined in the Event Noise Mitigation SOP's.

WHAT TYPES OF NOISE LIMITERS ARE APPROVED FOR USE?

Where ACC deems that noise limiters are required at an event, the Event Organiser will be required to present the technical specifications of the proposed technology to ACC for approval.

There are a number of types of noise limiter technology available for use. The types of noise limiters that will be approved for use must be tamper proof or be able to detect when the system is being tampered with (i.e. should the microphone be disconnected).

The noise limiter must be adjustable such that the sound systems allowable noise limit can be calibrated prior to use. The allowable noise limit will be set by ACC.

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CONSEQUENCES AND PENALTIES OF NON-COMPLIANCE

PRE-EVENT

Failure to provide the requested information or carry out any actions that are required under the direction of this document or the Third Schedule of the Event Licence could result in the Event not gaining approval from ACC to proceed. A final signed copy of the Event Licence agreement will not be granted until the ACC Events Team is satisfied that all pre-approval requirements have been met. No Event that requires a Licence can legally take place until the Event Licence has been executed. Compliance with the Event Noise Mitigation SOPs is an essential step in the approval process for Events that are required to adhere to the Event Noise Mitigation SOPs.

DURING AND AFTER THE EVENT

Non-compliance with conditions in the Event Noise Mitigation SOP's can have serious consequences for an Event/ Event Organiser. Whilst not limited to, this could include ACC having recourse to a Noise Bond that has been paid, possible impediments to staging further events in the Adelaide City Council Public Realm and prosecution and financial penalties imposed by the Environment Protection Authority – South Australia (EPA).

Separate to ACC and in accordance with the EP Act, Authorised Officers may attend an Event and surrounding area to take noise measurements, particularly if a number of complaints about actual or potential noise have been received.

Authorised Officers may approach Event Organisers to take action to reduce noise levels should they consider that noise levels at noise-affected premises is unreasonable, and/or that all reasonable and practicable measures have not been taken to minimise the noise impact.

The EP Act provides Authorised Officers with various regulatory tools to apply in such circumstances. For further information on Authorised Officers and the regulatory tools available to them, please refer to EPA Publication, *Compliance and enforcement: Regulatory options and tools (2009).*

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TEMPORARY ENCLOSED VENUES

Temporary fully enclosed venues operating within a Park Lands event site may be permitted to increase the applicable noise criteria by 3 dB(A). This allowance is based on transmission loss testing carried out by ACC and will be granted to events on a case by case basis. Increases beyond 3 dB(A) will only be permitted if independent testing can demonstrate a higher bass noise reduction when averaged over the 63 and 125 Hz octave band. Noise measurements shall be undertaken at the FOH mixing desk location. In the absence of a suitable FOH point, noise level measurements shall be taken at the rear of the entertainment area where the majority of people would be standing to watch and listen to the music and/or performance. The noise measurement location is subject to approval by the ACC.

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MULTI-STAGE MUSIC FESTIVALS

SOP REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event. However, certain categories of Events have a higher risk of causing noise impacts on nearby residents and businesses.

KEY NOISE MITIGATION REQUIREMENTS

Unless otherwise advised by ACC, Event Organisers must provide the following information:

1. Draft site plan showing positioning and orientation of stages must be submitted to ACC for approval ***35 days prior to the bump-in date*.** The main stage/s should be located and oriented to face away from Noise Sensitive Receivers and the remaining stages located and oriented to suit other operational requirements (i.e. crowd capacity and interference between stages).
2. Event hotline phone number made available to the public and proposed hours of operation for approval.
3. Noise Management Plan (NMP) to be presented to ACC ***28 days prior to the bump-in date*** for approval. The NMP must include all items outlined in *Noise Management Plans.*
4. Minimum of one (1) Acoustic Engineers will be appointed by ACC to oversee live monitoring equipment installed at all stage locations, including sound checks (refer Acoustic Engineer Onsite). The Acoustic Engineer will also regularly monitor the noise sensitive receiver locations. The cost associated with this will be borne by the Event Organiser.
5. A copy of the completed Complaints Recording Template must be provided to the ACC within 7 days of the conclusion of the Event *(Complaints Response Procedure and Attachment 2 – Complaint Recording Template)*

ACC reserves the right to re-classify an event, or alter requirements based on the event details.

NOISE LEVELS

The majority of noise complaints received during Events are due to:

- Events with excessive low frequency bass music noise levels
- Increased noise levels into the evening
- Long running Events not addressing the noise impact that they are having on surrounding businesses and residents

Bass music noise is not able to be effectively reduced during propagation. The most effective way of mitigating it is to restrict or reduce its level at the source. Event Organisers must comply with the *Amplified Music - Hours of Operation, Maximum Noise Levels at FOH and Maximum Noise Level Targets at Noise Sensitive Receivers* noted below unless otherwise advised by ACC.

Amplified Music - Hours of Operation	• Amplified music at these Events will not be permitted outside of the hours 7:00 am – 11:00 pm[1] with the exception of new year's eve Events
Maximum Noise Levels at FOH	• 110dB (C) Leq (15 min) The event organiser can put forward a rationale and supporting Noise Management Plan (NMP)for a higher dB(C) FOH level. This application can only apply to the main stage and can be for a limited specified period of time and duration (ie. headline act). The application must clearly justify why the higher limit is being requested and must be supported by the overall NMP. The application will be assessed by ACC in consultation with an independent acoustic engineer and advice provided back to Council as to whether the application should be supported, amended or refused. The application from the event organiser must be submitted to administration for inclusion in public consultation within a timeline specified by administration. • If measurements at the Noise Sensitive Receiver(s) show that noise generated by the Event does not get close (within 5 dB) to noise criteria, then the Acoustic Engineer/s can authorize a higher FOH mixing desk noise level (increase to 115 dB(C)). The engineer/s would inform the Accountable Person and ACC of the revised FOH noise level increase and the time that the revised noise limits are applicable. This change is reversible at the discretion and direction of the Acoustic Engineer or ACC and will not be increased again during that event day. • ACC reserves the right to impose an A-weighted noise limit at the FOH mixing desk in addition to the C-weighted limit in some circumstances.
Maximum noise level targets at Noise Sensitive Receivers	• 60dB (A) Leq (5 min) or 75dB (A) Lmax (1 min) • The unweighted Leq level should not exceed 70dB in either of the 31.5Hz, 63Hz or 125Hz octave bands, or if the Acoustic Engineer deems the low frequency content to be excessive/annoying at Noise Sensitive Receivers.

1 Venue operating times will be set by the Event Licence Agreement

NOISE MANAGEMENT PLANS

A Noise Management Plan (NMP) is a planning document that describes how an Event will manage their noise emissions.

The NMP must be submitted to ACC *28 days prior to bump-in.* The following items must be included in the NMP, unless otherwise advised by ACC:

1. A detailed site plan that includes the location of the planned stage and speaker orientations. As a guide, the main stage/s should be located and oriented to face away from Noise Sensitive Receivers and the remaining stages located and oriented to suit other operational requirements (i.e. crowd capacity and interference between stages).
2. Justification for the stage and speaker orientation, explaining how mitigation of noise impacts at Noise Sensitive Receivers has been considered in the planning.
3. Justification for the selection of the Event location, for example site capacity, safety, access, available on-site infrastructure.
4. A stage program that includes the time each music act is performing and the type of music that is being performed.
5. Documentation of the Event's complaints handling and response procedure (refer *Complaints Response Procedure*).
6. A copy of the Advance Notification Letter which must be distributed by the Event Organiser to residents and businesses within the Notification Area specified for the Event location no later than 14 days prior to the Event date. The Event Organiser is required to use the Advance Notification Letter Template (refer *Attachment 3- Advance Notification Letter*).
7. Details of any additional consultation measures that have/ will take place with potentially noise affected premises. For example, Roma Mitchell Gardens on Gaol Rd notified of Event two (2) months prior to enable planning for interruptions to usual business caused by the Event.
8. Confirmation of any other technology that will be used by the Event to ensure that FOH Technicians are able to monitor and control the noise levels in line with *Noise Levels.*
9. Any additional actions that have/ will be implemented to address the Event's legal obligation to abide by the General Environmental Duty under the *Environment Protection Act 1993*. This means that as far as practicable the Event Organiser must prevent and minimise the environmental impact of the Event.
10. Contact details for Accountable Person (refer *Acoustic Engineer Onsite*).
11. Provide a dedicated event hotline phone number that will be answered at any time during the event operating hours.

ACC reserves the right to alter NMP requirements in consultation with the Event Organiser based on the Event details.

ACOUSTIC ENGINEER ONSITE

The Event is responsible for ensuring compliance with the Noise Mitigation SOP's. This includes ensuring that the sound levels at the FOH mixing desks are maintained in line with the noise levels approved by ACC.

One (1) ACC appointed qualified Acoustic Engineer will coordinate the installation of live monitoring technology at all stages prior to the event and will monitor sound levels at Noise Sensitive Receivers, relative to the noise criteria approved by ACC for the duration of the event. The ACC appointed Acoustic Engineer is responsible to and reports to ACC.

Prior to the Event, the Event Organiser is to nominate an Accountable Person for the ACC appointed Acoustic Engineer to liaise with as follows:

- Pre-event when the ACC appointed Acoustic Engineer installs the live monitoring technology
- Pre-event during sound checks
- Pre-event when the Event calibrates the Event's noise monitoring equipment with the live monitoring equipment provided by the ACC appointed Acoustic Engineer (at a mutually agreeable time)
- Pre-event and during the Event in relation to compliance with the noise criteria approved by ACC
- During the event in relation to the Noise Bond process if applicable.

The Accountable Person will be provided with a web link to view noise levels at each stage as captured by the live monitoring technology.

The Accountable Person nominated by the Event Organiser is required to comply with all directions provided by the ACC appointed Acoustic Engineer and ACC to ensure compliance with the SOP's.

The Accountable Person is required to provide the ACC appointed Acoustic Engineer with a mobile phone number for phone and text communications and two (2) way radio and nominated channel to maintain contact with the Accountable Person while on site.

Post-event, a Sound Monitoring Report will be prepared by the ACC appointed Acoustic Engineer and submitted to ACC within 4 business days of the event. The Sound Monitoring Report will include a log of sound level testing throughout the Event at all applicable sites and summary of communication between Acoustic Engineers and the Accountable Person/s. ACC will provide a copy of the Sound Monitoring Report to the Event Organiser. The Sound Monitoring Report will be made available to the public within 7 business days of the event.

The cost of the ACC appointed Acoustic Engineer and live monitoring technology is to be borne by the Event Organiser.

COMPLAINT RESPONSE PROCEDURE

The NMP is required to specify a procedure to be followed should a noise complaint be received directly by the Event Organiser on the day of the Event. The procedure should include:

1. Recipient of complaint to record details of noise complaint on Complaint Recording Template *(refer Attachment 2 – Complaint Recording Template).*
2. Event Organiser to assess complaint and check if problem can be simply resolved by reducing noise levels between acts, reducing bass content of music or a similar measure. Where possible, advise Acoustic Engineer of complaint location and to undertake measurement of music noise at FOH mixing desk and complaint location as appropriate.
3. If noise level at FOH mixing desk exceeds specified level and/or level at complaint location exceeds the maximum levels permitted at Noise Sensitive Receivers (Refer *Notification Areas & Noise Sensitive Receivers)* reduce Event noise levels as appropriate to ensure compliance with the set noise criteria
4. Advise complainant of action taken, if possible.
5. Advise ACC of complaint received as soon as practicable following receipt of the complaint.
6. A copy of the completed Complaint Recording Template log must be provided to the ACC Events Team within 7 days of the conclusion of the Event.

NOISE BOND PROCESS

1. An independent Acoustic Engineering Company will be engaged by ACC to monitor noise levels during sound checks and throughout the Event (refer Acoustic Engineer Onsite). The cost of this will be borne by the Event Organiser.
2. The ACC appointed Acoustic Engineer will install live monitoring noise logging equipment at all stages that are deemed by ACC to be at risk of exceeding the FOH Mixing Desk Noise Limit.
3. The live monitoring noise logging equipment will generate real time measurements of the sound pressure level and Leq (15min) and this data will be accessible by the Event, ACC and ACC appointed Acoustic Engineer via web link.
4. If the LCeq,15 min FOH Mixing Desk Noise Limit is exceeded by 10 dB(C) on any one occasion 100% of the noise bond will be immediately forfeited.
5. If the Leq sound pressure level at any stage location FOH mixing desk exceeds the FOH Mixing Desk Noise Limit, an alert will be communicated via SMS and/or email notification to the Accountable Person. The alert will communicate that there has been an exceedance of the Leq (15 min) noise criteria. It is the responsibility of the Accountable Person to track these exceedances and to be fully aware of where this places the event in relation to potential bond loss.
6. If sound levels are reduced, no Strike issued. *NOTE: However any exceedence will contribute to the Leq(15 min) reading captured in the overall Sound Monitoring Report. If the Sound Monitoring Report shows that FOH Mixing Desk Noise Limit at any stage was exceeded for more than 33% of the total programmed Event duration, a percentage of the Noise Bond will be immediately forfeited.*Refer to Average Exceedance Value and percentage of Bond Loss section below.*
7. If the next Leq (15 min) reading at any stage location FOH mixing desk exceeds the FOH Mixing Desk Noise Limit, an alert will be communicated via SMS and/or email notification to the Accountable Person. It is the responsibility of the Accountable Person to understand the Noise Bond Process and where any alert places the event in relation to potential bond loss. The Accountable Person can access the details of the Leq (15 min) data relating to the sms and/or email notification via web link. If the data shows that the sound levels have been reduced from previous Leq (15 min), then as per the Noise Bond Process Flowchart no Strike is issued. If levels have not been reduced the Acoustic Engineer will issue a first Strike to the Accountable Person, advising that at a second Strike, 50% of the Noise Bond will be forfeited. Strikes will be issued via radio and SMS and/or email to the Accountable Person.
8. At a second Strike, 50% of the Noise Bond will be forfeited.
9. At a third Strike, the Acoustic Engineer will advise the accountable person that at a fourth Strike, 100% of the Noise Bond will be forfeited
10. If the Sound Monitoring Report (generated post-Event) shows that the FOH Mixing Desk Noise Limit at any stage was exceeded for more than 33% of the total Event duration (from start of first act to end of last act), a percentage or entirety of the Noise Bond will be forfeited. Please refer to Average Exceedance Value And Percentage Of Bond Loss section for details.
11. Should the Event continue to remain non-compliant after they forfeit their bond, the EPA will be notified by Council. Further action taken by the EPA may include prosecution and financial penalties.
12. Should the Event continue to remain non-compliant after they forfeit their bond, ACC may reject any future Event applications.

Average Exceedance Value and Percentage of Bond Loss

Should any stage FOH Mixing Desk Noise Limit be exceeded for more than 33% of the programmed event duration the event will be subject to a bond loss.

dB readings with decimal points will be rounded up or down as per usual rounding rules as follows:

- If the number being rounded is followed by 0, 1, 2, 3, or 4, round the number down.
- If the number being rounded is followed by 5, 6, 7, 8, or 9, round the number up.

The below table outlines the percentage of bond loss applied, based on the overall average exceedance value.

Percentage of Bond Loss

dB(C) Average exceedance over programmed event duration	Percentage of bond loss.
0 – 2.0 dB(C) average exceedance	= 50% loss of bond
2.1 – 5.0 dB(C) average exceedance	= 80% loss of bond
5.1 dB(C) and above average exceedance	= 100% loss of bond

NOISE BOND PROCESS FLOWCHART

START

The Leq sound pressure level at any stage location FOH mixing desk exceeds the FOH Mixing Desk Noise Limit.

An alert will be communicated via SMS and/or email notification to the Accountable Person advising that there has been an exceedance of the Leq (15 min) noise criteria.

If sound levels are reduced, no Strike issued.

NOTE: However any exceedence will contribute to the Leq(15 min) reading captured in the overall Sound Monitoring Report.

If the Sound Monitoring Report shows that FOH Mixing Desk Noise Limit at any stage was exceeded for more than 33% of the total programmed Event duration, a percentage of the Noise Bond will be immediately forfeited.

**Refer to Percentage of Bond Loss table.*

POST EVENT

If the Sound Monitoring Report shows that FOH Mixing Desk Noise Limit at any stage was exceeded for more than 33% of the total programmed Event duration, a percentage of the Noise Bond will be immediately forfeited.

**Refer to Percentage of Bond Loss table.*

If the LCeq,15 min FOH Mixing Desk Noise Limit is exceeded by 10 dB(C) on any one occasion 100% of the noise bond will be immediately forfeited.

The Acoustic Engineer will advise the Accountable Person that 100% of the Noise Bond has been forfeited via radio and sms and/or email.

1. If the next Leq (15 min) reading does not show that the sound levels have been reduced, the Acoustic Engineer will issue a first Strike to the Accountable Person, advising that at a second Strike, 50% of the Noise Bond will be forfeited.
Strikes will be issued via radio and sms and/or email to the Accountable Person.

2. If the next Leq (15 min) reading does not show that the sound levels have been reduced, the Acoustic Engineer will issue a second Strike to the Accountable Person, advising that 50% of the Noise Bond has been forfeited.
Strikes will be issued via radio and sms and/or email to the Accountable Person.

3. If the next Leq (15 min) reading does not show that the sound levels have been reduced, the Acoustic Engineer will issue a third Strike to the Accountable Person, advising that at a fourth Strike, 100% of the Noise Bond will be forfeited.
Strikes will be issued via radio and sms and/or email to the Accountable Person.

4. If the next Leq (15 min) reading does not show that the sound levels have been reduced, the Acoustic Engineer will issue a fourth Strike to the Accountable Person, advising that 100% of the Noise Bond has been forfeited
Strikes will be issued via radio, sms and/or email to the Accountable Person.

- Should the event continue to remain non-compliant after they forfeit their bond, the EPA will be notified by Council. Further action taken by the EPA may include prosecution and financial penalties.
- Should the event continue to remain non-compliant after they forfeit their bond, ACC may reject any future event applications.

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LARGE SCALE CONCERTS

SOP REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event. However, certain categories of Events have a higher risk of causing noise impacts on nearby residents and businesses.

KEY NOISE MITIGATION REQUIREMENTS

Unless otherwise advised by ACC, Event Organisers must provide the following information:

1. Draft site plan showing positioning and orientation of stages must be submitted to ACC for approval ***35 days prior to the bump-in date*.** The stage should be located and oriented to face away from Noise Sensitive Receivers.
2. Event hotline phone number made available to the public and proposed hours of operation for approval.
3. Noise Management Plan (NMP) to be presented to ACC ***28 days prior to the bump-in date*** for approval. The NMP must include all items outlined in *Noise Management Plans.*
4. A minimum of one (1) qualified Acoustic Engineers will be appointed by ACC to monitor sound levels at Large Scale Concerts including sound checks and throughout the Event. The cost associated with the appointment of the Acoustic Engineer/s is to be borne by the Event Organiser. Noise monitoring at Noise Sensitive Receivers will occur at the discretion of the on-site Acoustic Engineer and ACC.
5. A copy of the completed Complaints Recording Template must be provided to the ACC within 7 days of the conclusion of the Event *(refer Complaints Response Procedure and Attachment 2 – Complaint Recording Template)*

ACC reserves the right to re-classify an event, or alter requirements based on the event details.

NOISE LEVELS

The majority of noise complaints received during Events are due to:

- Events with excessive low frequency bass music noise levels
- Increased noise levels into the evening
- Long running Events not addressing the noise impact that they are having on surrounding businesses and residents

Bass music noise is not able to be effectively reduced during propagation. The most effective way of mitigating it is to restrict or reduce its level at the source. Event Organisers must comply with the *Amplified Music - Hours of Operation, Maximum Noise Levels at FOH and Maximum Noise Level Targets at Noise Sensitive Receivers* noted below unless otherwise advised by ACC.

Amplified Music - Hours of Operation	• Amplified music at these Events will not be permitted outside of the hours 7:00 am – 11:00 pm[2] with the exception of new year's eve events
Maximum Noise Levels at FOH	• 110dB (C) Leq (15 min) • If measurements at the Noise Sensitive Receiver(s) show that noise generated by the Event does not get close (within 5 dB) to noise criteria, then the Acoustic Engineer/s can authorize a higher FOH mixing desk noise level (increase to 115 dB(C)) . The engineer/s would inform the Accountable Person and ACC of the revised FOH noise level increase and the time that the revised noise limits are applicable. This change is reversible at the discretion and direction of the Acoustic Engineer or ACC and will not be increased again during that event day. • If measurements at the Noise Sensitive Receiver(s) show that the unweighted bass noise level in any of the 31.5, 63 or 125 Hz octaves exceed the maximum noise level target by more than 15 dB in the 31.5 Hz band and 10 dB in the 63 and 125 Hz bands, consideration could be given to direct the FOH level to be reduced by 5 dB(C). • ACC reserves the right to impose an A-weighted noise limit at the FOH mixing desk in addition to the C-weighted limit in some circumstances.
Maximum noise level targets at Noise Sensitive Receivers	• 60dB (A) Leq (5 min) or 75dB (A) Lmax (1 min) • The unweighted Leq level should not exceed 70dB in either of the 31.5Hz, 63Hz or 125Hz octave bands, or if the Acoustic Engineer deems the low frequency content to be excessive/annoying at Noise Sensitive Receivers.

2 Venue operating times will be set by the Event Licence Agreement

NOISE MANAGEMENT PLANS

A Noise Management Plan (NMP) is a planning document that describes how an Event will manage their noise emissions.

The NMP must be submitted to ACC *28 days prior to bump-in*. The following items must be included in the NMP, unless otherwise advised by ACC:

1. A detailed site plan that includes the location of the planned stage and speaker orientations. The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers must be oriented to face away from Noise Sensitive Receivers.
2. Justification for the stage and speaker orientation, explaining how mitigation of noise impacts at Noise Sensitive Receivers has been considered in the planning.
3. Justification for the selection of the Event location, for example site capacity, safety, access, available on-site infrastructure.
4. A stage program that includes the time each music act is performing and the type of music that is being performed.
5. Documentation of the Event's complaints handling and response procedure (refer *Complaints Response Procedure*).
6. A copy of the Advance Notification Letter which must be distributed by the Event Organiser to residents and businesses within the Notification Area specified for the Event location no later than 14 days prior to the Event date. The Event Organiser is required to use the Advance Notification Letter Template (refer *Attachment 3 - Advance Notification Letter Template*).
7. Details of any additional consultation measures that have/ will take place with potentially noise affected premises. For example, Roma Mitchell Gardens on Gaol Rd notified of Event two (2) months prior to enable planning for interruptions to usual business by the Event.
8. Confirmation of the technology that will be used by the Event to ensure that FOH Technicians are able to monitor and control the noise levels in line with *Noise Levels.*
9. Any additional actions that have/ will be implemented to address the Event's legal obligation to abide by the General Environmental Duty under the *Environment Protection Act 1993*. This means that as far as practicable the Event Organiser must prevent and minimise the environmental impact of the Event.
10. Contact details for Accountable Person (refer *Acoustic Engineer Onsite*).
11. Provide a dedicated event hotline phone number that will be answered at any time during the Event operating hours.

ACC reserves the right to alter NMP requirements in consultation with the Event Organiser based on the Event details.

ACOUSTIC ENGINEER ONSITE

1. A minimum of one (1) qualified Acoustic Engineers will be appointed by ACC to monitor sound levels at Large Scale Concerts including sound checks and throughout the Event. The cost associated with the appointment of the Acoustic Engineer/s is to be borne by the Event Organiser. Noise monitoring at Noise Sensitive Receivers will occur at the discretion of the on-site Acoustic Engineer and ACC.
2. Prior to the Event, the Event Organiser is to nominate an Accountable Person for the Acoustic Engineer/s to liaise with on-site when:

- Setting up the noise logging equipment
- At the *main stage* FOH mixing desk for each set throughout the Event
- During sound checks & throughout the Event

3. The Accountable Person/s nominated by the Event Organiser are required to comply with all directions provided by the Acoustic Engineer/s and ACC to ensure compliance with the SOP's.
4. The Event Organiser is required to provide the Acoustic Engineer/s with a two (2) way radio and nominated channel to maintain contact with the Accountable Person.
5. The Event Organiser is responsible for ensuring that the sound levels at the FOH mixing desks are maintained within the noise criteria levels outlined in this document.

A Sound Monitoring Report is to be prepared by the Acoustic Engineer and submitted to ACC. The Sound Monitoring Report will include a log of sound level testing throughout the Event at all applicable sites and summary of communication between Acoustic Engineers and the Accountable Person/s.

ACC will provide a copy of the Sound Monitoring Report to the Event Organiser.

The Sound Monitoring Report will be made available to the public 7 business days following the event.

COMPLAINT RESPONSE PROCEDURE

The NMP is required to specify a procedure to be followed should a noise complaint be received directly by the Event Organiser on the day of the Event. The procedure should include:

1. Recipient of complaint to record details of noise complaint on Complaint Recording Template (refer *Attachment 2 – Complaint Recording Template*).
2. Event Organiser to assess complaint and check if problem can be simply resolved by reducing noise levels between acts, reducing bass content of music or a similar measure. Where possible, advise Acoustic Engineer of complaint location and to undertake measurement of music noise at FOH mixing desk and complaint location as appropriate.
3. If noise level at FOH mixing desk exceeds specified level and/or level at complaint location exceeds the maximum levels permitted at Noise Sensitive Receivers (Refer *14. Notification Areas & Noise Sensitive Receivers*) reduce Event noise levels as appropriate to ensure compliance with the set noise criteria.
4. Advise complainant of action taken, if possible.
5. Advise ACC of complaint received as soon as practicable following receipt of the complaint.
6. A copy of the completed Complaint Recording Template log must be provided to the ACC Events Team within 7 days of the conclusion of the Event.

NOISE BOND PROCESS

1. An independent Acoustic Engineering Company may be engaged by ACC to monitor noise levels during sound checks and throughout the Event (refer Acoustic Engineer Onsite). The cost of this will be borne by the Event Organiser.
2. The independent Acoustic Engineer/s will install noise logging equipment at the main stage FOH mixing desk.
3. The noise logging equipment at the main stage FOH mixing desk will generate real time measurements of the sound pressure level and Leq (15min). Real time levels will be available to sound technicians working at the main stage FOH mixing desk. The Acoustic Engineer will take a manual record of the Leq (15min) at the main stage FOH which the sound technicians, Event Organiser and Accountable Person/s can view upon request.
4. If the Leq sound pressure level at the FOH mixing desk exceeds the FOH Mixing Desk Noise Limit, the Acoustic Engineer will ask the Accountable Person to reduce the level to comply with the Maximum Noise Levels at FOH.
5. If sound levels are reduced, no Strike will be issued. NOTE: However any exceedence will contribute to the Leq(15 min) reading captured in the Sound Monitoring Report. If the Sound Monitoring Report shows that FOH Mixing Desk Noise Limit at any stage was exceeded for more than 33% of the total Event duration, 100% of the Noise Bond will be immediately forfeited.
6. If the next Leq (15 min) reading does not show that the sound levels have been reduced, the Acoustic Engineer will issue a Strike to the Accountable Person, advising that at a second Strike, 50% of the Noise Bond will be forfeited. The Strike will be issued via radio and SMS to the Accountable Person.
7. At a second Strike, 50% of the Noise Bond will be forfeited.
8. At a third Strike, the Acoustic Engineer will advise the accountable person that at a fourth Strike, 100% of the Noise Bond will be forfeited.
9. If the Sound Monitoring Report (generated post-Event) shows that the Leq sound pressure level at the FOH mixing desk exceeded the FOH Mixing Desk Noise Limit by 10dB (C) or more on any one (1) occasion 100% of the Noise Bond will be immediately forfeited.
10. If the Sound Monitoring Report (generated post-Event) shows that the FOH Mixing Desk Noise Limit was exceeded for more than 33% of the total Event duration (from start of first act to end of last act), a percentage or entirety of the Noise Bond will be forfeited. Please refer to Average Exceedance Value and Percentage of Bond Loss section for details.
11. Should the Event continue to remain non-compliant after they forfeit their bond, the EPA will be notified by Council. Further action taken by the EPA may include prosecution and financial penalties.
12. Should the Event continue to remain non-compliant after they forfeit their bond, ACC may reject any future Event applications.

Average Exceedance Value And Percentage of Bond Loss

Should any stage FOH Mixing Desk Noise Limit be exceeded for more than 33% of the programmed event duration the event will be subject to a bond loss.

dB readings with decimal points will be rounded up or down as per usual rounding rules as follows:

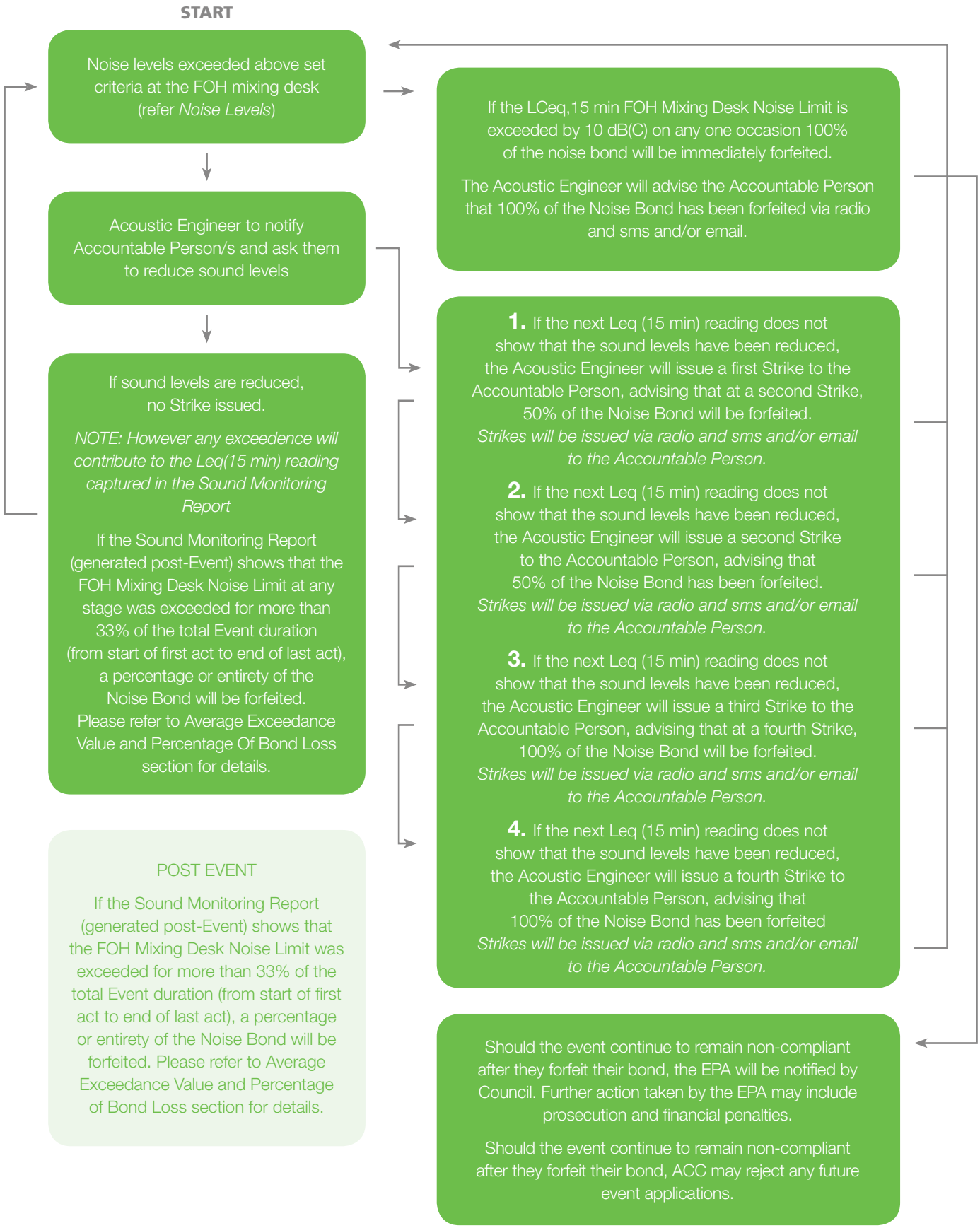
- If the number being rounded is followed by 0, 1, 2, 3, or 4, round the number down.
- If the number being rounded is followed by 5, 6, 7, 8, or 9, round the number up.

The below table outlines the percentage of bond loss applied, based on the overall average exceedance value.

Percentage of Bond Loss

dB(C) Average exceedance over programmed event duration	Percentage of bond loss.
0 – 2.0 dB(C) average exceedance	= 50% loss of bond
2.1 – 5.0 dB(C) average exceedance	= 80% loss of bond
5.1 dB(C) and above average exceedance	= 100% loss of bond

NOISE BOND PROCESS FLOWCHART



12

SYMPHONIC AND CLASSICAL PERFORMANCES

SOP REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event. However, certain categories of Events have a higher risk of causing noise impacts on nearby residents and businesses.

KEY NOISE MITIGATION REQUIREMENTS

Unless otherwise advised by ACC, Event Organisers must provide the following information:

1. Draft site plan showing positioning and orientation of stages must be submitted to ACC for approval ***35 days prior to the bump-in date.*** The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers must be oriented to face away from Noise Sensitive Receivers.
2. Event hotline phone number made available to the public and proposed hours of operation for approval.
3. Noise Management Plan (NMP) to be presented to ACC ***28 days prior to the bump-in date*** for approval. The NMP must include all items outlined in Noise Management Plans.
4. A copy of the completed Complaints Recording Template must be provided to the ACC within 7 days of the conclusion of the Event (refer *Complaints Response Procedure and Attachment 2 – Complaint Recording Template*).

ACC reserves the right to re-classify an event, or alter requirements based on the event details.

NOISE LEVELS

The majority of noise complaints received during Events are due to:

- Events with excessive low frequency bass music noise levels
- Increased noise levels into the evening
- Long running Events not addressing the noise impact that they are having on surrounding businesses and residents

Bass music noise is not able to be effectively reduced during propagation. The most effective way of mitigating it is to restrict or reduce its level at the source. Event Organisers must comply with the *Amplified Music - Hours of Operation, Maximum Noise Levels at FOH and Maximum Noise Level Targets at Noise Sensitive Receivers* noted below unless otherwise advised by ACC.

Amplified Music - Hours of Operation	• Amplified music at these Events will not be permitted outside of the hours 7:00 am – 11:00 pm[3] with the exception of new year's eve Events
Maximum Noise Levels at FOH	• 110dB (C) Leq (15 min) • If measurements at the Noise Sensitive Receiver(s) show that noise generated by the Event does not get close (within 5 dB) to noise criteria, then the Acoustic Engineer/s can authorize a higher FOH mixing desk noise level (increase to 115 dB(C)) . The engineer/s would inform the Accountable Person and ACC of the revised FOH noise level increase and the time that the revised noise limits are applicable. This change is reversible at the discretion and direction of the Acoustic Engineer or ACC and will not be increased again during that event day. • If measurements at the Noise Sensitive Receiver(s) show that the unweighted bass noise level in any of the 31.5, 63 or 125 Hz octaves exceed the maximum noise level target by more than 15 dB in the 31.5 Hz band and 10 dB in the 63 and 125 Hz bands, consideration could be given to direct the FOH level to be reduced by 5 dB(C). • ACC reserves the right to impose an A-weighted noise limit at the FOH mixing desk in addition to the C-weighted limit in some circumstances.
Maximum noise level targets at Noise Sensitive Receivers	• 60dB (A) Leq (5 min) or 75dB (A) Lmax (1 min) • The unweighted Leq level should not exceed 70dB in either of the 31.5Hz, 63Hz or 125Hz octave bands, or if the Acoustic Engineer deems the low frequency content to be excessive/annoying at Noise Sensitive Receivers.

3 Venue operating times will be set by the Event Licence Agreement

Levels at Noise Sensitive Receivers	Maximum noise level targets at Noise Sensitive Receivers • 60 dB(A) Leq,15min during the day (Sunday to Thursday) for all noise sensitive receivers except for those located within the CBD and East End where the noise limit is 65 dB(A). • 65 dB(A) Leq,15min during the day (Friday and Saturday) for all noise sensitive receivers • 45 dB(A) Leq,15min during the night (Sunday to Thursday) for all noise sensitive receivers except for those located within the CBD and East End where the noise limit is 50 dB(A). • 50 dB(A) Leq,15min during the night (Friday and Saturday) for all noise sensitive receivers General notes for the above • Receivers that are identified as hotels or other temporary accommodation with a commercial construction have an allowance that is 5 dB(A) higher than that proposed above • Day and night time periods are those defined for each relevant event category • Compliance with receiver noise level targets can be demonstrated through appropriate noise modelling or on-site measurements Temporary enclosed venues operating within a Park Lands event site will be permitted to increase the applicable noise criteria by 3 dB(A) . Noise measurements shall be undertaken at the FOH mixing desk location. In the absence of a suitable FOH point (as deemed by ACC), noise level measurements shall be taken at the rear of the entertainment area where the majority of people would be standing to watch and listen to the music and/or performance. The noise measurement location is subject to approval by the ACC. The allowance to increase the noise level criteria at temporary enclosed venues by 3 dB(A) is based on transmission loss testing carried out by ACC; increases beyond 3 dB(A) will only be permitted if independent testing can demonstrate a higher bass noise reduction when averaged over the 63 and 125 Hz octave band. For events operating on multiple days, ACC may at its discretion direct event organisers to decrease the dB (A).

NOISE MANAGEMENT PLANS

A Noise Management Plan (NMP) is a planning document that describes how an Event will manage their noise emissions.

The NMP must be submitted to ACC *28 days prior to bump-in.* The following items must be included in the NMP, unless otherwise advised by ACC:

1. A detailed site plan that includes the location of the planned stage and speaker orientations. The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers must be oriented to face away from Noise Sensitive Receivers.
2. Justification for the stage and speaker orientation, explaining how mitigation of noise impacts at Noise Sensitive Receivers has been considered in the planning.
3. Justification for the selection of the Event location, for example site capacity, safety, access, available on-site infrastructure.
4. A stage program that includes the time each music act is performing and the type of music that is being performed.
5. Documentation of the Event's complaints handling and response procedure (refer *Complaints Response Procedure*).
6. A copy of the Advance Notification Letter which must be distributed by the Event Organiser to residents and businesses within the Notification Area specified for the Event location no later than 14 days prior to the Event date. The Event Organiser is required to use the Advance Notification Letter Template (refer *Attachment 3- Advance Notification Letter Template*)
7. Details of any additional consultation measures that have/ will take place with potentially noise affected premises. For example, Roma Mitchell Gardens on Gaol Rd notified of Event two (2) months prior to enable planning for interruptions to usual business by Event.
8. Confirmation of the technology that will be used by the Event to ensure that FOH Technicians are able to monitor and control the noise levels in line with Noise Levels.
9. Any additional actions that have/ will be implemented to address the Event's legal obligation to abide by the General Environmental Duty under the *Environment Protection Act 1993*. This means that as far as practicable the Event Organiser must prevent and minimise the environmental impact of the Event.
10. Contact list of mixers/ stage managers for ACC appointed Acoustic Engineers.
11. Contact details for Accountable Person (refer *Acoustic Engineer Onsite*).
12. Provide a dedicated event hotline phone number that will be answered at any time during the Event operating hours.

ACC reserves the right to alter NMP requirements in consultation with the Event Organiser based on the Event details.

COMPLAINT RESPONSE PROCEDURES

The NMP is required to specify a procedure to be followed should a noise complaint be received directly by the Event Organiser on the day of the Event. The procedure should include:

1. Recipient of complaint to record details of noise complaint on Complaint Recording Template (refer *Attachment 2 – Complaint Recording Template*).
2. Event Organiser to assess complaint and check if problem can be simply resolved by reducing noise levels between acts, reducing bass content of music or a similar measure. Where possible, advise Acoustic Engineer of complaint location and to undertake measurement of music noise at FOH mixing desk and complaint location as appropriate.
3. If noise level at FOH mixing desk exceeds specified level and/or level at complaint location exceeds the maximum levels permitted at Noise Sensitive Receivers (Refer *14. Notification Areas & Noise Sensitive Receivers*) reduce Event noise levels as appropriate to ensure compliance with the set noise criteria
4. Advise complainant of action taken, if possible.
5. Advise ACC of complaint received as soon as practicable following receipt of the complaint.
6. A copy of the completed Complaint Recording Template log must be provided to the ACC Events Team within 7 days of the conclusion of the Event.

ACOUSTIC ENGINEER ONSITE

ACC may at its discretion determine:

That an Acoustic Engineer is necessary for certain periods during the Event's duration based on the particulars of

the Event, its location and/or if any noise complaints have been received in relation to the Event in the past. This Acoustic Engineer will be engaged by ACC with the cost to be borne by the Event Organiser.

Should ACC deem it necessary to appoint an Acoustic Engineer for the Event, a Sound Monitoring Report is to be prepared by the Acoustic Engineer and submitted to ACC. The Sound Monitoring Report will include a log of sound level testing throughout the Event at all applicable sites and summary of communication between Acoustic Engineers and the Accountable Person/s.

ACC will provide a copy of the Sound Monitoring Report to the Event Organiser.

The Sound Monitoring Report will be made available to the public 5 business days following the event.

NOISE BOND PROCESS

Should a Noise Bond be applied for a Symphonic and Classical Performances or Events with a Music Component, the Noise Bond process will be specified by ACC based on the Event details.

13

TEMPORARY MULTI-DAY VENUES

SOP REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event. However, certain categories of Events have a higher risk of causing noise impacts on nearby residents and businesses.

KEY NOISE MITIGATION REQUIREMENTS

Unless otherwise advised by ACC, Event Organisers must provide the following information:

1. Draft site plan showing positioning and orientation of stages and speakers must be submitted to ACC for approval *35 days prior to the bump-in date.* The stage and speakers must be oriented to face away from Noise Sensitive Receivers as far as can be practically achieved.
2. Event hotline phone number made available to the public and proposed hours of operation for approval.
3. Noise Management Plan (NMP) to be presented to ACC *28 days prior to the bump-in date* for approval. The NMP must include all items outlined in *Noise Management Plans.*
4. Details of the Noise monitoring device to be utilised by the Event throughout the Event for approval by ACC. The device must be a Type 1 or Type 2 Noise Logger.
5. A copy of the completed Complaints Recording Template must be provided to the ACC by 12pm on the day following each Event day (refer *Complaints Response Procedure and Attachment 2 – Complaint Recording Template*).
6. A log of FOH noise levels (measured in LAeq (15 min), L90, L10, Lmax) must be maintained from opening until closing time. The log must be presented electronically to ACC in Microsoft Excel format by 12pm on the day following all Event days.

ACC reserves the right to re-classify an event, or alter requirements based on the event details.

NOISE LEVELS

The majority of noise complaints received during Events are due to:

- Events with excessive low frequency bass music noise levels
- Increased noise levels into the evening
- Long running Events not addressing the noise impact that they are having on surrounding businesses and residents

Bass music noise is not able to be effectively reduced during propagation. The most effective way of mitigating it is to restrict or reduce its level at the source. Event Organisers must comply with the *Maximum Noise Levels at FOH* noted below unless otherwise advised by ACC.

Maximum Noise Levels at FOH[4] Sunday to Thursday 7:00 am – 10:00 pm[5]	85dB (A) Leq (15 min)
Maximum Noise Levels at FOH[4] Sunday to Thursday 10:01 pm – 6:59 am[5]	83dB (A) Leq (15 min)
Maximum Noise Levels at FOH[4] Friday & Saturday 7:00 am – 12:00 am[5]	90dB (A) Leq (15 min)
Maximum Noise Levels at FOH[4] Friday & Saturday 12:01 am – 6:59 am[5]	85dB (A) Leq (15 min)

Levels at Noise Sensitive Receivers	Maximum noise level targets at Noise Sensitive Receivers 45 dB(A) Leq,15min Sunday to Thursday 7:00 am – 10:00 pm for all noise sensitive receivers except for those located within the CBD and East End where the noise limit is 50 dB(A). • 50 dB(A) Leq,15min Friday and Saturday 7:00 am – 12:00 am[5] for all noise sensitive receivers • 43 dB(A) Leq,15min Sunday to Thursday 10:01 pm – 6:59 am[5] for all noise sensitive receivers • 45 dB(A) Leq,15min Friday and Saturday 12:01 am – 6:59 am[5] for all noise sensitive receivers General notes for the above • Receivers that are identified as hotels or other temporary accommodation with a commercial construction have an allowance that is 5 dB(A) higher than that proposed above • Day and night time periods are those defined for each relevant event category • Compliance with receiver noise level targets can be demonstrated through appropriate noise modelling or on-site measurements

Temporary fully enclosed venues operating within a Park Lands event site may be permitted to increase the applicable noise criteria by 3 dB(A). Noise measurements shall be undertaken at the FOH mixing desk location. In the absence of a suitable FOH point (as deemed by ACC), noise level measurements shall be taken at the rear of the entertainment area where the majority of people would be standing to watch and listen to the music and/or performance. The noise measurement location is subject to approval by the ACC.

The allowance to increase the noise level criteria at temporary enclosed venues by 3 dB(A) is based on transmission loss testing carried out by ACC and will be granted to events on a case by case basis. Increases beyond 3 dB(A) will only be permitted if independent testing can demonstrate a higher bass noise reduction when averaged over the 63 and 125 Hz octave band. For events operating on multiple days, ACC may at its discretion direct event organisers to decrease the dB (A).

4 In the absence of a suitable FOH point, noise level measurements should be taken at a distance of 15m from the front of the stage area.

5 Venue operating times will be set by the Event Licence Agreement

NOISE MANAGEMENT PLANS

A Noise Management Plan (NMP) is a planning document that describes how an Event will manage their noise emissions.

The NMP must be submitted to ACC *28 days prior to bump-in.* The following items must be included in the NMP, unless otherwise advised by ACC:

1. A final detailed site plan that includes the location of the planned stage and speaker orientations. The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers must be oriented to face away from Noise Sensitive Receivers as far as can be practically achieved.
2. A copy of the Advance Notification Letter to be distributed by the Event Organiser to potentially impacted businesses and residents no later than 14 days prior to the Event date. The Event Organiser is required to utilise the Advance Notification Letter Template (refer *Attachment 3- Advance Notification Letter Template*).
3. The distribution area will be defined by ACC dependent on the Event details.
4. Details of any additional consultation measures that have/ will take place with potentially noise affected premises (to occur at least two (2) months prior to enable planning for interruptions to usual business by Event.)
5. Confirmation of the technology that will be used by the Event to ensure that FOH Technicians are able to monitor and control the noise levels in line with the criteria set in *Noise Levels.*
6. Details of noise monitoring process. This will include:

- The type (Type 1 or Type 2 Noise Logger) and location of proposed Noise Logger;
- Confirmation of proposed monitoring times;
- Confirmation of outputs from the Noise Logger (ie. Leq, L10, L90 etc.) and
- A current certificate of calibration for the noise logger from the equipment manufacturer or a National Association of Testing Authorities, Australia (NATA) accredited laboratory, which certifies the equipment meets the requirements of Type 0, 1, or 2 sound level meters as per AS1259-1990 (the company that you purchase/ hire the Noise logger from will be able to provide this).

The Event Organiser may wish to engage an acoustic engineer to provide advice/ training on the operation of the proposed noise monitoring equipment.

7. Documentation of the Event's Complaints Response Procedure (refer Complaints Response Procedure).
8. Any actions that have/ will be implemented to address the Event's legal obligation to abide by the General Environment Duty under the EP Act 1993. This means that as far as practicable the Event Organiser must prevent and minimise the environmental impact of the Event.
9. Provide a dedicated event hotline phone number that will be answered at any time during the Event operating hours.

ACC reserves the right to alter NMP requirements in consultation with the Event Organiser based on the Event details.

COMPLAINT RESPONSE PROCEDURE

The NMP is required to specify a procedure to be followed should a noise complaint be received directly by the Event Organiser on the day of the Event. The procedure should include:

1. Recipient of complaint to record details of noise complaint on Complaint Recording Template located on (refer *Attachment 2 – Complaint Recording Template*).
2. Event Organiser to ensure that the noise levels at FOH are not exceeding the Maximum Noise Levels at FOH (refer *Noise Levels*).
3. Event Organiser to assess complaint and check if problem can be simply resolved by reducing noise levels between acts, reducing bass content of music or a similar measure.
4. Advise complainant of action taken, if possible.
5. Advise ACC of complaint received as soon as practicable following receipt of the complaint.
6. A copy of the completed Complaint Recording Template (refer *Attachment 2 – Complaint Recording Template*) must be provided to the ACC by 12pm on the day following all Event days.

ACOUSTIC ENGINEER ONSITE

ACC may at its discretion determine that an Acoustic Engineer is necessary for certain periods during the Event's duration based on the particulars of the Event, its location and/or if any noise complaints have been received in relation to the Event in the past. This Acoustic Engineer will be engaged by ACC with the cost to be borne by the Event Organiser.

Where ACC requires the Acoustic Engineer to produce a Sound Monitoring Report, ACC will provide a copy of the report to the Event Organiser.

A copy of the Sound Monitoring Report will be made available to the public 7 business days following the Acoustic Engineer's attendance at the event.

The *Noise Bond Process* stipulates additional circumstances when ACC may engage an Acoustic Engineer to attend the site.

NOISE BOND PROCESS

For Events to which a Noise Bond is applied (refer 6. Noise Bonds) the following process will ensue:

1. A log of FOH noise levels (measured in LAeq (15 min)) must be maintained by the Event from opening until closing time. The log must be presented electronically to ACC in Microsoft Excel format by 12:00 pm on the day following all Event days.
2. If one (1) night of logging shows an exceedance for more than 33% of the time, then that night is deemed to have exceeded the noise goal and a Strike is issued by ACC.

   dB readings with decimal points will be rounded up or down as per usual rounding rules as follows:

- If the number being rounded is followed by 0, 1, 2, 3, or 4, round the number down.
- If the number being rounded is followed by 5, 6, 7, 8, or 9, round the number up.

3. For any exceedance of 10 dB(A) or more, a Strike will be issued by ACC.
4. If the venue fails to submit the previous night results to the ACC by 12:00 pm the following day, then that night is deemed to have exceeded the noise goal and a Strike is issued by ACC.
5. On the third Strike, a portion of the bond is used to pay for an Acoustic Engineer (engaged by ACC) to attend the site within 3 days to monitor and advise on a way forward.
6. Should the venue accumulate 4 or more Strikes, the entire Noise Bond is lost.
7. Should the entire Noise Bond be lost, it will be a condition of the Event Licence for any subsequent Event that a noise limiter system be installed for the Event duration. The cost associated with this will be borne by the Event Organiser. The noise limiter technology must be approved by ACC.
8. If a noise logging device should fail due to flat batteries or corrupt data following download or other (i.e. vandalism or theft), the Event organizer is required to advise ACC that this has occurred by 12:00 pm the following day. The Event Organiser is then required to provide to ACC a statutory declaration within 7 days

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EVENTS AND FESTIVALS WITH A MUSIC COMPONENT

SOP REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event. However, certain categories of Events have a higher risk of causing noise impacts on nearby residents and businesses.

KEY NOISE MITIGATION REQUIREMENTS

Unless otherwise advised by ACC, Event Organisers must provide the following information:

1. Draft site plan showing positioning and orientation of stages must be submitted to ACC for approval ***28 days prior to the bump-in date.*** The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers should be oriented to face away from Noise Sensitive Receivers as far as is as practical.
2. Event hotline phone number made available to the public and proposed hours of operation for approval.
3. Noise Management Plan (NMP) to be presented to ACC ***28 days prior to the bump-in date*** for approval. The NMP must include all items outlined in *Noise Management Plans.*
4. A copy of the completed Complaints Recording Template must be provided to the ACC within 7 days of the conclusion of the Event (refer *Complaints Response Procedure and Attachment 2 – Complaint Recording Template*)
5. In some circumstances, an independent Acoustic Engineer may be appointed by ACC to monitor sound levels throughout the Event, including sound checks (refer *Acoustic Engineer Onsite*). The cost associated with this will be borne by the Event Organiser. ***ACC will discuss this with you if this is required.***
6. In some circumstances, ACC may require an Event to undertake noise level monitoring and produce an output log, the cost of which will be borne by the Event organiser. ***ACC will discuss this with you if this is required.***

ACC reserves the right to re-classify an event, or alter requirements based on the event details.

NOISE LEVELS

Noise Levels The majority of noise complaints received during Events are due to:

- Events with excessive low frequency bass music noise levels
- Increased noise levels into the evening
- Long running Events not addressing the noise impact that they are having on surrounding businesses and residents

Bass music noise is not able to be effectively reduced during propagation. The most effective way of mitigating it is to restrict or reduce its level at the source. Event Organisers must comply with the *Maximum Noise Levels at FOH* noted below unless otherwise advised by ACC.

Maximum Noise Levels at FOH[6] Sunday to Thursday 7:00 am – 10:00 pm[7]	85dB (A) Leq (15 min)
Maximum Noise Levels at FOH[6] Sunday to Thursday 10:01 pm – 6:59 am[7]	83dB (A) Leq (15 min)
Maximum Noise Levels at FOH[6] Friday & Saturday 7:00 am – 12:00 am[7]	90dB (A) Leq (15 min)
Maximum Noise Levels at FOH[6] Friday & Saturday 12:01 am – 6:59 am[7]	85dB (A) Leq (15 min)

Levels at Noise Sensitive Receivers	Maximum noise level targets at Noise Sensitive Receivers 45 dB(A) Leq,15min Sunday to Thursday 7:00 am – 10:00 pm for all noise sensitive receivers except for those located within the CBD and East End where the noise limit is 50 dB(A). • 50 dB(A) Leq,15min Friday and Saturday 7:00 am – 12:00 am[7] for all noise sensitive receivers • 43 dB(A) Leq,15min Sunday to Thursday 10:01 pm – 6:59 am[7] for all noise sensitive receivers • 45 dB(A) Leq,15min Friday and Saturday 12:01 am – 6:59 am[7] for all noise sensitive receivers General notes for the above • Receivers that are identified as hotels or other temporary accommodation with a commercial construction have an allowance that is 5 dB(A) higher than that proposed above • Day and night time periods are those defined for each relevant event category • Compliance with receiver noise level targets can be demonstrated through appropriate noise modelling or on-site measurements

6 In the absence of a suitable FOH point, noise level measurements should be taken at a distance of 15m from the front of the stage area.

7 Venue operating times will be set by the Event Licence Agreement

NOISE MANAGEMENT PLANS

A Noise Management Plan (NMP) is a planning document that describes how an Event will manage their noise emissions.

The NMP must be submitted to ACC *28 days prior to bump-in.* The following items must be included in the NMP, unless otherwise advised by ACC:

1. A detailed site plan that includes the location of the planned stage and speaker orientations. The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers should be oriented to face away from Noise Sensitive Receivers.
2. A copy of the Advance Notification Letter to be distributed by the Event Organiser to potentially impacted businesses and residents no later than 14 days prior to the Event date. The Event Organiser is required to utilise the Advance Notification Letter Template (refer *Attachment 3 - Advance Notification Letter Template*). The distribution area will be defined by ACC dependent on the Event details.
3. Details of noise monitoring process (if requested by ACC). This will include the type and location of proposed noise monitor, confirmation of proposed monitoring times and confirmation of outputs from the noise monitor (ie. Leq, L10, L90 etc.) *The Event Organiser may wish to engage an acoustic engineer to provide advice/ training on the operation of the proposed noise monitoring equipment.*
4. Documentation of the Event's Complaints Response Procedure (refer *Complaints Response Procedure*)
5. Any additional actions that have/ will be been implemented to address the Event's legal obligation to abide by the General Environmental Duty under the *EP Act 1993.* This means that as far as practicable the Event Organiser must prevent and minimise the environmental impact of the Event.

ACC reserves the right to alter NMP requirements in consultation with the Event Organiser based on the Event details.

COMPLAINT RESPONSE PROCEDURE

The NMP is required to specify a procedure to be followed should a noise complaint be received directly by the Event Organiser on the day of the Event. The procedure should include:

1. Recipient of complaint to record details of noise complaint on Complaint Recording Template (refer *Attachment 2 – Complaint Recording Template*)
2. Event Organiser to ensure that the noise levels at FOH are not exceeding the Maximum Noise Levels at FOH (refer *Noise Levels*).
3. Event Organiser to assess complaint and check if problem can be simply resolved by reducing noise levels between acts, reducing bass content of music or a similar measure.
4. Advise complainant of action taken, if possible.
5. Advise ACC of complaint received as soon as practicable following receipt of the complaint.
6. A copy of the completed Complaints Recording Template (refer *Attachment 2 – Complaint Recording Template*) must be provided to the ACC Events Team within 7 days of the conclusion of the Event.

ACOUSTIC ENGINEER ONSITE

ACC may at its discretion determine that an Acoustic Engineer is necessary for certain periods during the Event's duration based on the particulars of the Event, its location and/or if any noise complaints have been received in relation to the Event in the past. This Acoustic Engineer will be engaged by ACC with the cost to be borne by the Event Organiser. *ACC will discuss this with you if this is required.*

Should ACC deem it necessary to appoint an Acoustic Engineer for the Event, a Sound Monitoring Report is to be prepared by the Acoustic Engineer and submitted to ACC. The Sound Monitoring Report will include a log of sound level testing throughout the Event at all applicable sites and summary of communication between Acoustic Engineers and the Accountable Person/s.

ACC will provide a copy of the Sound Monitoring Report to the Event Organiser.

The Sound Monitoring Report will also be made available to the public.

NOISE BOND PROCESS

Should a Noise Bond be applied for Events with a Music Component, the Noise Bond process will be specified by ACC based on the Event details.

15

SMALL SCALE CONCERTS

SOP REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event. However, certain categories of Events have a higher risk of causing noise impacts on nearby residents and businesses.

KEY NOISE MITIGATION REQUIREMENTS

Unless otherwise advised by ACC, Event Organisers must provide the following information:

1. Draft site plan showing positioning and orientation of stages must be submitted to ACC for approval ***28 days prior to the bump-in date.*** The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers should be oriented to face away from Noise Sensitive Receivers as far as is as practical.
2. Event hotline phone number made available to the public and proposed hours of operation for approval.
3. Noise Management Plan (NMP) to be presented to ACC ***28 days prior to the bump-in date*** for approval. The NMP must include all items outlined in *Noise Management Plans.*
4. A copy of the completed Complaints Recording Template must be provided to the ACC within 7 days of the conclusion of the Event (refer *Complaints Response Procedure and Attachment 2 – Complaint Recording Template*)
5. In some circumstances, an independent Acoustic Engineer may be appointed by ACC to monitor sound levels throughout the Event, including sound checks (refer *Acoustic Engineer Onsite*). The cost associated with this will be borne by the Event Organiser. ***ACC will discuss this with you if this is required.***
6. In some circumstances, ACC may require an Event to undertake noise level monitoring and produce an output log, the cost of which will be borne by the Event organiser. ***ACC will discuss this with you if this is required.***

ACC reserves the right to re-classify an event, or alter requirements based on the event details.

NOISE LEVELS

Noise Levels The majority of noise complaints received during Events are due to:

- Events with excessive low frequency bass music noise levels
- Increased noise levels into the evening
- Long running Events not addressing the noise impact that they are having on surrounding businesses and residents

Bass music noise is not able to be effectively reduced during propagation. The most effective way of mitigating it is to restrict or reduce its level at the source. Event Organisers must comply with the *Maximum Noise Levels at FOH* noted below unless otherwise advised by ACC.

Amplified Music - Hours of Operation	• Amplified music at these Events will not be permitted outside of the hours 7:00 am – 11:00 pm[8] with the exception of new year's eve events
Maximum Noise Levels at FOH[9]	• 95dB (A)
Maximum noise level targets at Noise Sensitive Receivers	• 60dB (A) Leq (5 min) or 75dB (A) Lmax (1 min) • The unweighted Leq level should not exceed 70dB in either of the 31.5Hz, 63Hz or 125Hz octave bands, or if the Acoustic Engineer deems the low frequency content to be excessive/annoying at Noise Sensitive Receivers.

8 Venue operating times will be set by the Event Licence Agreement

9 In the absence of a suitable FOH point, noise level measurements should be taken at a distance of 15m from the front of the stage area.

NOISE MANAGEMENT PLANS

A Noise Management Plan (NMP) is a planning document that describes how an Event will manage their noise emissions.

The NMP must be submitted to ACC *28 days prior to bump-in.* The following items must be included in the NMP, unless otherwise advised by ACC:

1. A detailed site plan that includes the location of the planned stage and speaker orientations. The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers should be oriented to face away from Noise Sensitive Receivers.
2. A copy of the Advance Notification Letter to be distributed by the Event Organiser to potentially impacted businesses and residents no later than 14 days prior to the Event date. The Event Organiser is required to utilise the Advance Notification Letter Template (refer *Attachment 3 - Advance Notification Letter Template*). The distribution area will be defined by ACC dependent on the Event details.
3. Details of noise monitoring process (if requested by ACC). This will include the type and location of proposed noise monitor, confirmation of proposed monitoring times and confirmation of outputs from the noise monitor (ie. Leq, L10, L90 etc.) *The Event Organiser may wish to engage an acoustic engineer to provide advice/ training on the operation of the proposed noise monitoring equipment.*
4. Documentation of the Event's Complaints Response Procedure (refer *Complaints Response Procedure*)
5. Any additional actions that have/ will be been implemented to address the Event's legal obligation to abide by the General Environmental Duty under the *EP Act 1993.* This means that as far as practicable the Event Organiser must prevent and minimise the environmental impact of the Event.

ACC reserves the right to alter NMP requirements in consultation with the Event Organiser based on the Event details.

COMPLAINT RESPONSE PROCEDURE

The NMP is required to specify a procedure to be followed should a noise complaint be received directly by the Event Organiser on the day of the Event. The procedure should include:

1. Recipient of complaint to record details of noise complaint on Complaint Recording Template (refer *Attachment 2 – Complaint Recording Template*)
2. Event Organiser to ensure that the noise levels at FOH are not exceeding the Maximum Noise Levels at FOH (refer *Noise Levels*).
3. Event Organiser to assess complaint and check if problem can be simply resolved by reducing noise levels between acts, reducing bass content of music or a similar measure.
4. Advise complainant of action taken, if possible.
5. Advise ACC of complaint received as soon as practicable following receipt of the complaint.
6. A copy of the completed Complaints Recording Template (refer *Attachment 2 – Complaint Recording Template*) must be provided to the ACC Events Team within 7 days of the conclusion of the Event.

ACOUSTIC ENGINEER ONSITE

ACC may at its discretion determine that an Acoustic Engineer is necessary for certain periods during the Event's duration based on the particulars of the Event, its location and/or if any noise complaints have been received in relation to the Event in the past. This Acoustic Engineer will be engaged by ACC with the cost to be borne by the Event Organiser. *ACC will discuss this with you if this is required.*

Should ACC deem it necessary to appoint an Acoustic Engineer for the Event, a Sound Monitoring Report is to be prepared by the Acoustic Engineer and submitted to ACC. The Sound Monitoring Report will include a log of sound level testing throughout the Event at all applicable sites and summary of communication between Acoustic Engineers and the Accountable Person/s.

ACC will provide a copy of the Sound Monitoring Report to the Event Organiser.

The Sound Monitoring Report will also be made available to the public 7 business days following the event.

NOISE BOND PROCESS

Should a Noise Bond be applied for Events with a Music Component, the Noise Bond process will be specified by ACC based on the Event details.

16

ROAD EVENTS

SOP REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event. However, certain categories of Events have a higher risk of causing noise impacts on nearby residents and businesses.

KEY NOISE MITIGATION REQUIREMENTS

Unless otherwise advised by ACC, Event Organisers must provide the following information:

1. Draft site plan showing positioning and orientation of stages must be submitted to ACC for approval *28 days prior to the bump-in date.*

   The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers should be oriented to face away from Noise Sensitive Receivers as far as is as practical.

2. Event hotline phone number made available to the public and proposed hours of operation for approval.

3. Noise Management Plan (NMP) to be presented to ACC *14 days prior to the bump-in date* for approval. The NMP must include all items outlined in Noise Management Plans.

4. A copy of the completed Complaints Recording Template must be provided to the ACC within 7 days of the conclusion of the Event (refer Complaints Response Procedure and Attachment 2 – Complaint Recording Template)

5. In some circumstances, an independent Acoustic Engineer may be appointed by ACC to monitor sound levels throughout the Event, including sound checks (refer Acoustic Engineer Onsite). The cost associated with this will be borne by the Event Organiser. *ACC will discuss this with you if this is required.*

6. In some circumstances, ACC may require an Event to undertake noise level monitoring and produce an output log, the cost of which will be borne by the Event organiser. *ACC will discuss this with you if this is required.*

ACC reserves the right to re-classify an event, or alter requirements based on the event details. Event Organisers can request to operate outside of the stated Noise Levels subject to the submission of a Noise Management Plan demonstrating appropriate planning to achieve maximum noise level targets at noise sensitive receivers. The Noise Management Plan will be reviewed by ACC in conjunction with Council's Independent Acoustic Engineers. ACC reserves the right to accept, amend or reject any and all requests.

NOISE LEVELS

The majority of noise complaints received during Events are due to:

- Events with excessive low frequency bass music noise levels
- Increased noise levels into the evening
- Long running Events not addressing the noise impact that they are having on surrounding businesses and residents

Bass music noise is not able to be effectively reduced during propagation.

The most effective way of mitigating it is to restrict or reduce its level at the source.

Event Organisers must comply with the Maximum Noise Level Targets at Noise Sensitive Receivers noted below unless otherwise advised by ACC.

Maximum Noise Level Targets at Noise Sensitive Receivers Sunday to Thursday 7:00 am – 10:00pm[10]	60dB (A) Leq (15 min)
Maximum Noise Level Targets at Noise Sensitive Receivers Sunday to Thursday 10:01 pm – 6:59 am[10]	45dB (A) Leq (15 min)
Maximum Noise Level Targets at Noise Sensitive Receivers Friday & Saturday 7:00 am – 12:00 am[10]	65 dB(A) Leq,15min
Maximum Noise Level Targets at Noise Sensitive Receivers Friday & Saturday 12:01 am – 6:59 am[10]	50 dB(A) Leq,15min

NOISE MANAGEMENT PLANS

A Noise Management Plan (NMP) is a planning document that describes how an Event will manage their noise emissions.

The NMP must be submitted to ACC *28 days prior to bump-in.* The following items must be included in the NMP, unless otherwise advised by ACC:

1. A detailed site plan that includes the location of the planned stage and speaker orientations. The stage should be located as far away from Noise Sensitive Receivers as practical. The stage and speakers should be oriented to face away from Noise Sensitive Receivers.
2. A copy of the Advance Notification Letter to be distributed by the Event Organiser to potentially impacted businesses and residents no later than 14 days prior to the Event date. The Event Organiser is required to utilise the Advance Notification Letter Template (refer *Attachment 3 - Advance Notification Letter Template*). The distribution area will be defined by ACC dependent on the Event details.
3. Details of noise monitoring process (if requested by ACC). This will include the type and location of proposed noise monitor, confirmation of proposed monitoring times and confirmation of outputs from the noise monitor (ie. Leq, L10, L90 etc.) *The Event Organiser may wish to engage an acoustic engineer to provide advice/ training on the operation of the proposed noise monitoring equipment.*
4. Documentation of the Event's Complaints Response Procedure (refer *Complaints Response Procedure*)
5. Any additional actions that have/ will be been implemented to address the Event's legal obligation to abide by the General Environmental Duty under the *EP Act 1993.* This means that as far as practicable the Event Organiser must prevent and minimise the environmental impact of the Event.

ACC reserves the right to alter NMP requirements in consultation with the Event Organiser based on the Event details.

10 Venue operating times will be set by the Event Approval

COMPLAINT RESPONSE PROCEDURE

The NMP is required to specify a procedure to be followed should a noise complaint be received directly by the Event Organiser on the day of the Event. The procedure should include:

1. Recipient of complaint to record details of noise complaint on Complaint Recording Template (refer Attachment 2 – Complaint Recording Template)
2. Event Organiser to ensure that the noise levels at Noise Sensitive Receivers are not exceeding the Maximum Noise Levels at Noise Sensitive Receivers (refer Noise Levels).
3. Event Organiser to assess complaint and check if problem can be simply resolved by reducing noise levels between acts, reducing bass content of music or a similar measure.
4. Advise complainant of action taken, if possible.
5. Advise ACC of complaint received as soon as practicable following receipt of the complaint.
6. A copy of the completed Complaints Recording Template (refer Attachment 2 – Complaint Recording Template) must be provided to the ACC Events Team within 7 days of the conclusion of the Event.

ACOUSTIC ENGINEER ONSITE

ACC may at its discretion determine that an Acoustic Engineer is necessary for certain periods during the Event's duration based on the particulars of the Event, its location and/or if any noise complaints have been received in relation to the Event in the past. This Acoustic Engineer will be engaged by ACC with the cost to be borne by the Event Organiser. *ACC will discuss this with you if this is required.*

Should ACC deem it necessary to appoint an Acoustic Engineer for the Event, a Sound Monitoring Report is to be prepared by the Acoustic Engineer and submitted to ACC. The Sound Monitoring Report will include a log of sound level testing throughout the Event at all applicable sites and summary of communication between Acoustic Engineers and the Accountable Person/s.

ACC will provide a copy of the Sound Monitoring Report to the Event Organiser.

The Sound Monitoring Report will be made available to the public 7 business days following the event.

NOISE BOND PROCESS

Should a Noise Bond be applied for Road Events, the Noise Bond process will be specified by ACC based on the Event details

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EVENTS THAT USE A PUBLIC ADDRESS SYSTEM

SOP REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event. However, certain categories of Events have a higher risk of causing noise impacts on nearby residents and businesses.

KEY NOISE MITIGATION REQUIREMENTS

All Event Organisers have a responsibility to ensure noise impacts resulting from their Event are minimised, regardless of the type or scale of the Event.

Unless otherwise advised by ACC, Event Organisers must ensure the following:

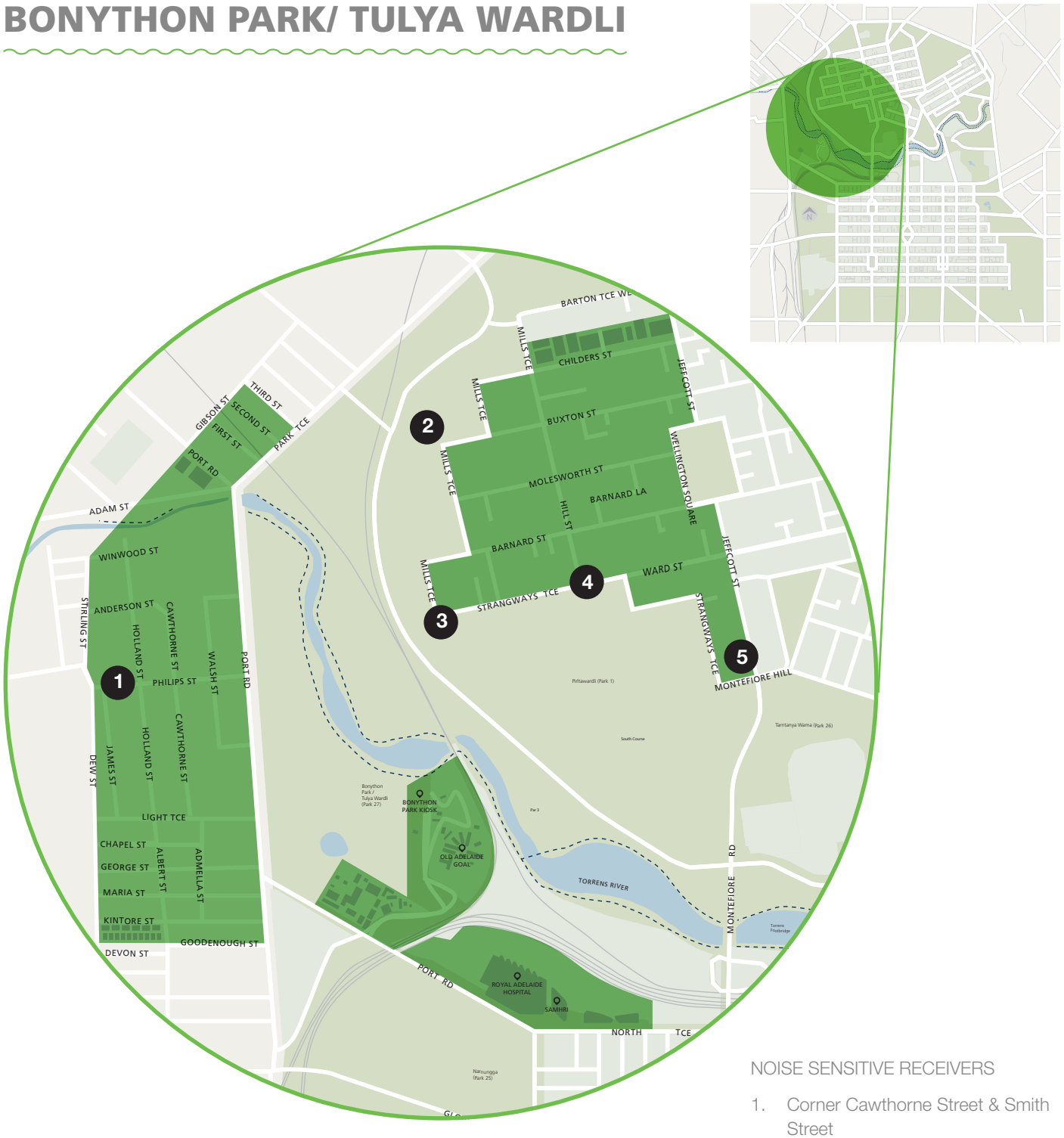
1. Volume is kept to a level that reaches Event patrons only but does not extend to excessively impact on surrounding residences and businesses. Speakers are directed to face away from noise sensitive locations wherever possible.

ACC reserves the right to re-classify an event, or alter requirements based on the event details.

18

LOCATIONS

BONYTHON PARK/ TULYA WARDLI

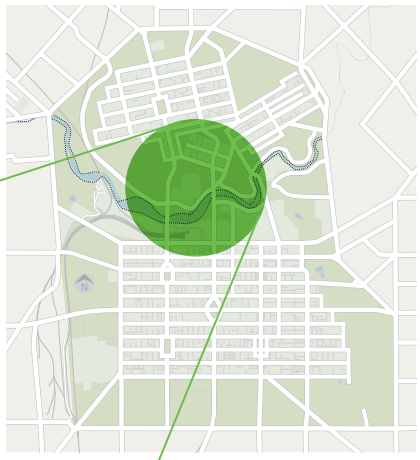


Advance Notification Letter distribution area.

NOISE SENSITIVE RECEIVERS

1. Corner Cawthorne Street & Smith Street
2. Corner Mills Terrace & Buxton Street
3. Corner Mills Terrace & Strangways Terrace
4. Calvary Hospital, Strangways Terrace,
5. Corner Strangways Terrace & Jeffcott Street

MEMORIAL DRIVE & ELDER PARK TARNTANYA WAMA (PARK 26)

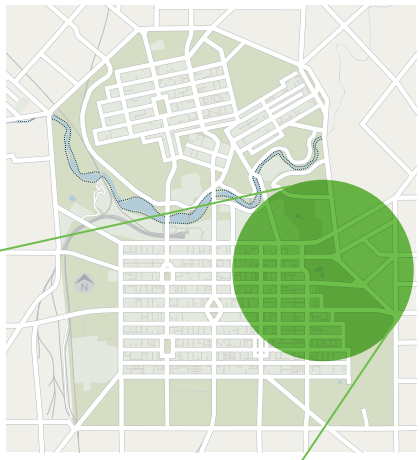


NOISE SENSITIVE RECEIVERS

1. Corner Pennington Terrace & Jeffcott Street
2. Corner Pennington Terrace & King William Road
3. Corner Brougham Place & Mackinnon Parade

Advance Notification Letter distribution area.

RUNDLE PARK / KADLITPINA & RYMILL PARK / MURLAWIRRAPURKA

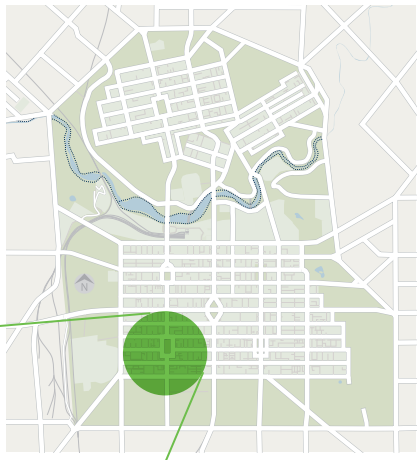


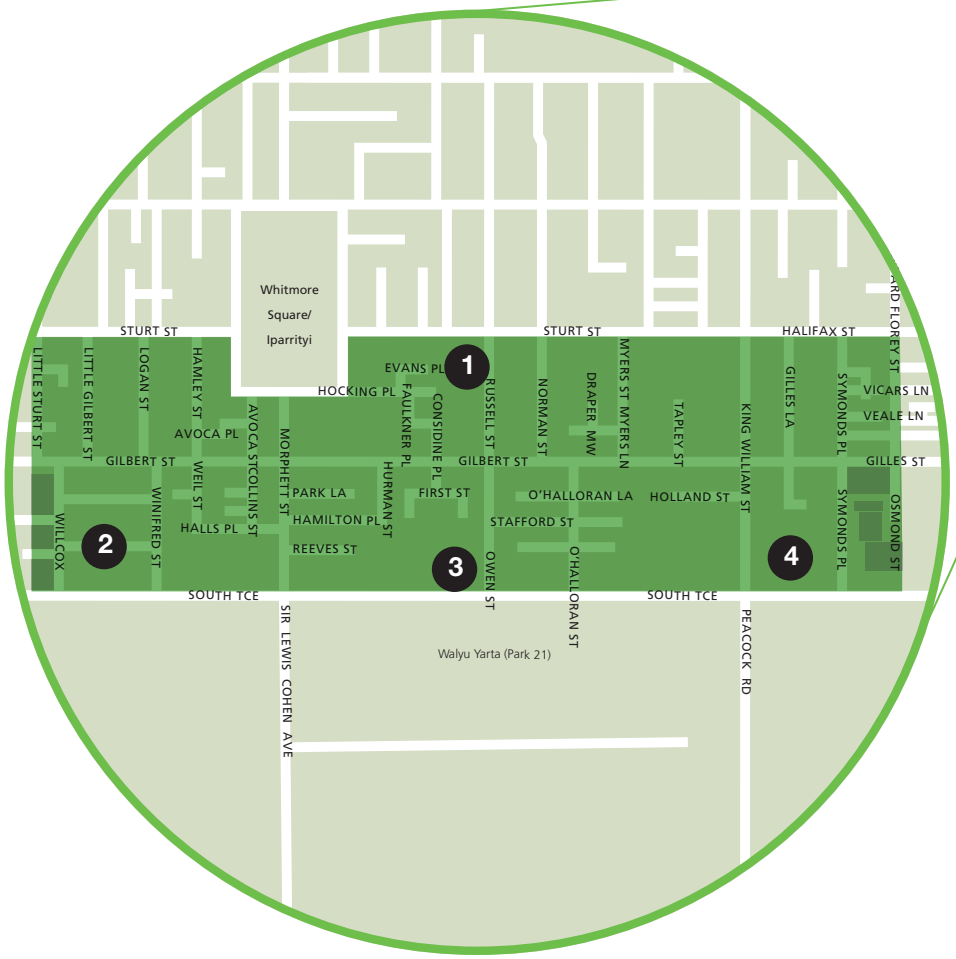
Advance Notification Letter distribution area.

NOISE SENSITIVE RECEIVERS

1. Corner College Road & Little King William Street
2. Corner Rundle Street & Dequetteville Terrace
3. Bus Stop: Flinders Street
4. Corner East Terrace & Bartels Road
5. Corner Rundle Street & East Terrace
6. Royal Adelaide Hospital, North Terrace

VEALE GARDENS
WALYU YARTA (PARK 21)



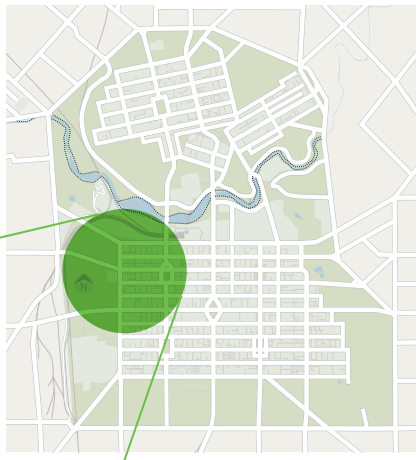


NOISE SENSITIVE RECEIVERS

1. Corner Sturt Street & Russell Street
2. Corner South Terrace & Wilcox Street
3. Corner South Terrace & Owen Street
4. Corner South Terrace & Symonds Place

Advance Notification Letter distribution area.

THE PLATEAU-TAMPAWARDLI (PARK 24)

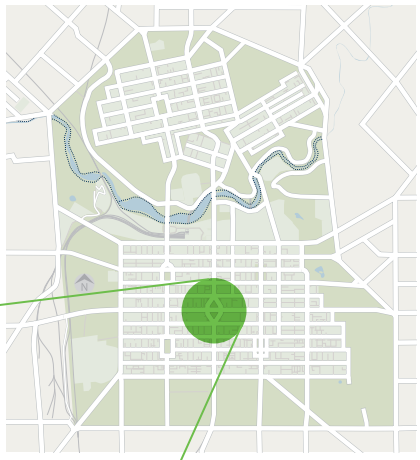


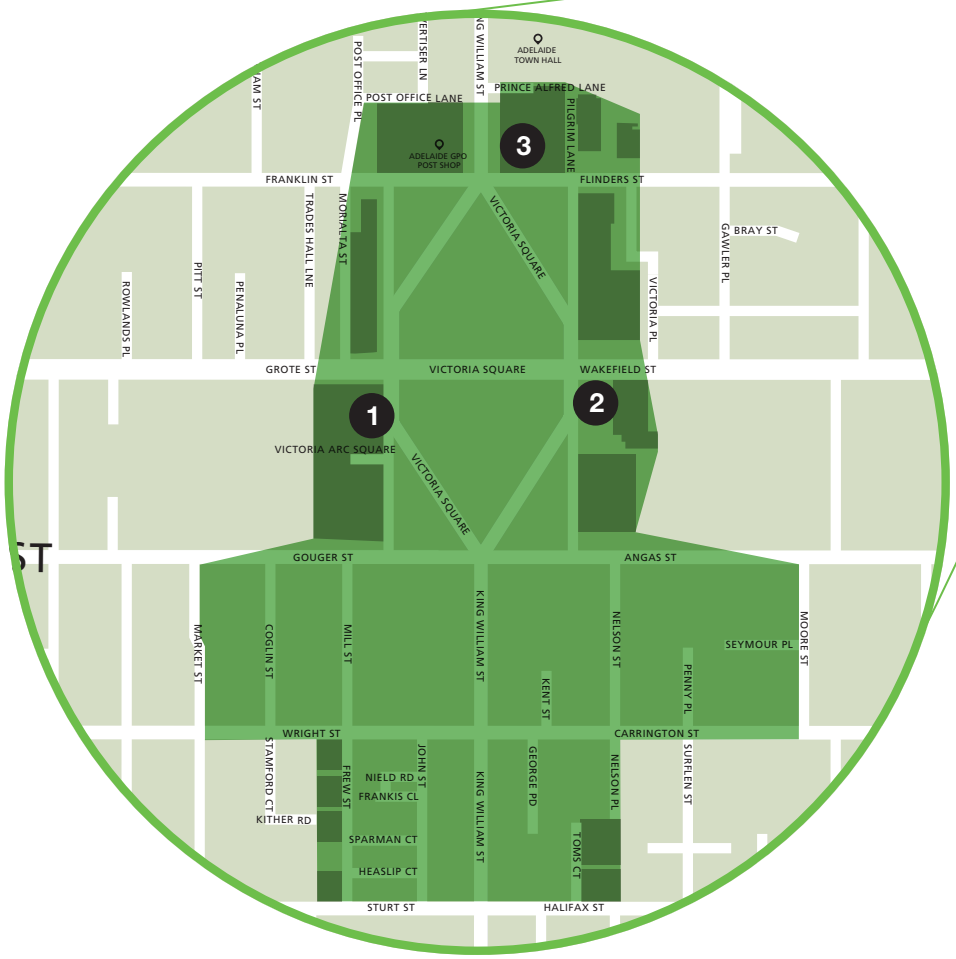
Advance Notification Letter distribution area.

NOISE SENSITIVE RECEIVERS

1. Grattan St in line with the northern property boundary of the church
2. Cnr Hughes St & Railway Tce
3. Railway Tce between Cuming St & King St
4. Cnr West Tce & Wright St

VICTORIA SQUARE / TARNTANYANGGA



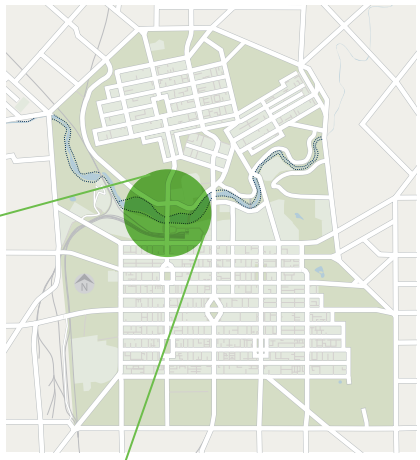


NOISE SENSITIVE RECEIVERS

1. Hilton Hotel
2. St Francis Xavier Cathedral
3. Adina Hotel

Advance Notification Letter distribution area.

THE EVENT SPACE
TARNTANYA WAMA (PARK 26)

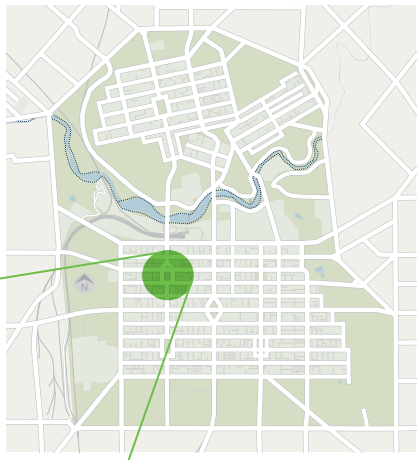


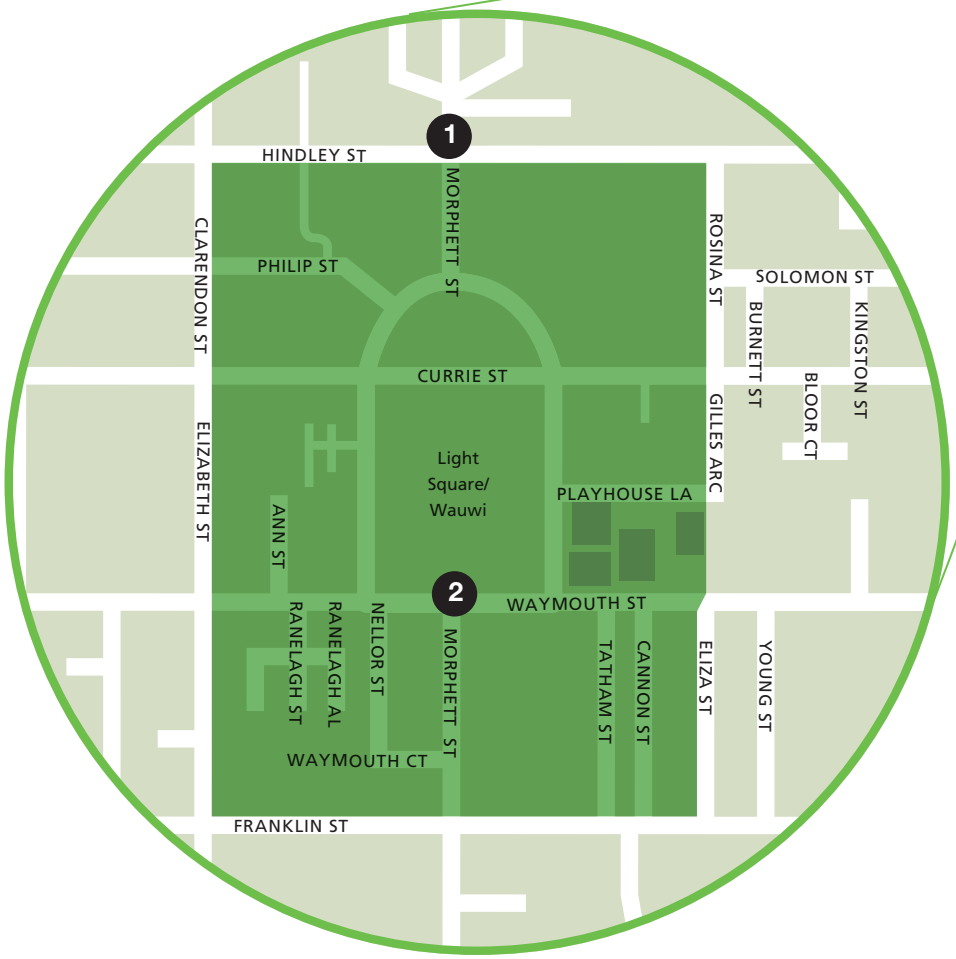
Advance Notification Letter distribution area.

NOISE SENSITIVE RECEIVERS

1. InterContinental Hotel
2. Sebel Playford Hotel – at ground level and 20 metres above ground level
3. Oaks Horizons – at ground level and at 20, 40 metres above ground level
4. Oaks Embassy – at ground level and at 20, 40 metres above ground level
5. Montefiore Hill
6. Pennington Terrace

LIGHT SQUARE / WAUWI





NOISE SENSITIVE RECEIVERS

1. Corner Morphett Street & Hindley Street
2. Corner Morphett Street & Waymouth Street

Advance Notification Letter distribution area.

ATTACHMENT

1

DEFINITIONS OF TERMS

General terminology used in this document is described below:

Accountable Person/s	Means Person/s nominated by the Event Organiser who has the delegated authority to instruct mixers/ sound technicians to adjust noise levels. The Accountable Person/s must be contactable at all times through sound checks and the event.
Acoustic Engineer	Means Acoustic Engineers appointed by ACC to independently monitor noise levels. The Acoustic Engineer supplier is engaged by ACC through a procurement process.
Adelaide City Council (ACC)	Means the Corporation of the City of Adelaide and its representative/ s.
Applicant	Means the person(s) making the Application and, if more than one person, means each of them jointly and severally. If the Applicant is not the promoter of the Event, the Applicant warrants they have authority to bind the promoter, and the Applicant and the promoter are bound jointly and severally.
Community Land Management Plan (CLMP)	Provides a comprehensive analysis of the elements and features currently found in each park. The CLMP's provide direction on how each park can be used including for events.
Event Organiser	Person responsible for the implementation of the event
Event Licence	Means the right to access and use the event site for the purposes of the event
Live Music	Refers to two or more participants (made up of artist and audience) gathering to listen and react to music in real time. The 'live' aspect of music refers to the social participation in consuming music which includes DJ's and other forms of electronic music. Note that this definition requires people gathering in a specified locale. This means the element of place is an inextricable part of live music.
Public Realm	Means any publicly owned streets, pathways, right of ways, parks, publicly accessible open spaces
Strike	Means a notification issued by the Acoustic Engineer to the Accountable Person/s to signify that the event is not complying with the ACC Events Noise Mitigation SOP's and the Noise Bond may be in jeopardy. The Event Organiser should not rely solely on the issuing of Strikes to track their compliance with the ACC Event Noise Mitigation SOP's.
Noise Sensitive Receiver	Predetermined locations where noise levels are measured outside of the ACC Public Realm venue

Acoustic terminology used in this document is described below:

A-weighted	The A-weighting scale is designed to adjust the absolute sound pressure levels based on the frequency content to correspond to the subjective response of the human ear. Lower frequency noise is negatively weighted by the A-weighting scale.
Bass music noise	The low frequency content of music noise that is in the 31.5 Hz, 63 Hz and 125 Hz octave bands. Can cause annoyance, particularly when the low frequency content in the 31.5 Hz and 63 Hz octave bands is the dominant part of the overall music noise at a location.
dB	The decibel (dB) is a logarithmic unit of measurement used to quantify sound pressure levels.
dB(A)	A-weighted sound pressure levels are expressed in units of dB(A).
dB(C)	C-weighted sound pressure levels are expressed in units of dB(C).
dB(Lin)	Unweighted sound pressure levels are expressed in units of dB or dB(Lin). This is used to express the lower frequency music noise levels at the octave bands of 31.5 Hz, 63 Hz and 125 Hz as it provides a better assessment of low frequency noise when the absolute level is higher than in typical ambient noise situations.
Hz	The Hertz (Hz) is the unit that quantifies the number of cycles per second and refers to the frequency of a particular noise.
L90	Noise level exceeded for 90% of the measurement period.
L10	Noise level exceeded for 10% of the measurement period.
Leq,5min	Equivalent continuous noise level measured over a period of five minutes and representing an approximate average of the noise level over the period. Five minutes has been adopted to capture shorter term increases in the noise level and to make measurements at residential locations simpler.
Leq,15min	Equivalent continuous noise level measured over a period of 15 minutes and representing an approximate average of the noise level over the period.
Lmax	The route meets squared maximum noise level in a given measurement period.
Octave band	The frequency spectrum of a noise is divided into discrete octave bands, each described by the band's centre frequency (e.g. 31.5, 63, 125, 250, 500, 1000, 2000, 4000, 8000 HZ).
Type 1 Noise Logger	Type 1 Noise Loggers are acceptable for laboratory and field use.
Type 2 Noise Logger	Type 2 Noise Loggers are acceptable for field use.

ATTACHMENT

2

COMPLAINT RECORDING TEMPLATE

Time Received:

Received From:

Phone Number:

Nature of Complaint:

If Noise Complaint, noise level at time:

Action taken by Event Organiser:

ACC Event Consultant Notified: YES / NO

Time Received:

Received From:

Phone Number:

Nature of Complaint:

If Noise Complaint, noise level at time:

Action taken by Event Organiser:

ACC Event Consultant Notified: YES / NO

Time Received:

Received From:

Phone Number:

Nature of Complaint:

If Noise Complaint,
noise level at time:

Action taken by Event
Organiser:

ACC Event Consultant Notified: YES / NO

Time Received:

Received From:

Phone Number:

Nature of Complaint:

If Noise Complaint,
noise level at time:

Action taken by Event
Organiser:

ACC Event Consultant Notified: YES / NO

ATTACHMENT

3

ADVANCE NOTIFICATION LETTER TEMPLATE

<PRINT ON LETTERHEAD IF AVAILABLE >

<ATTACH EVENT FLYER IF AVAILABLE>

<Insert Date>

Dear Residents & Businesses

I am writing to advise you of an outdoor event called **<insert event name>** that will be taking place in **<insert location>** on **<insert day & date>**. This will be a **<insert event type>** beginning at **<insert start time>** and finishing promptly at **<Insert Finish Time>**. A sound-check will be conducted on **<insert day & date>** at **<insert sound-check time>**. Expected attendance at the event is **<insert anticipated attendance>**.

<Insert Blurb about the event >

<Insert description of dry zone location being enforced if applicable>

- The event will be appropriately monitored both internally and externally by our security company to ensure minimal disturbance from our patrons (delete if incorrect).
- The event will adhere to Adelaide City Council (ACC), and Liquor Licencing requirements.
- Noise levels will be monitored throughout the event to ensure that we do not exceed the maximum noise levels permitted by the ACC Event Noise Mitigation Standard Operating Procedures. ACC will also independently monitor noise levels throughout the event (delete if this does not apply to your event).

If you have any queries in the lead-up to or after the event, please do not hesitate to contact me on the following:

Telephone: <Insert phone / mobile number>

Email: <Insert Email address>

If you have any queries or concerns during the event, please contact the event hotline telephone number on: <insert phone / mobile number>. The event hotline will be operated from <insert date/ time> to <Insert date/ time>.

Alternatively, you can contact the ACC on 8203 7203 Monday to Friday from 7am – Midnight or from 8am – Midnight on weekends. All feedback and concerns are documented and consolidated for post-event analysis.

Further information about the event can be found at **<insert event website address>** or under the What's On section of the ACC Website: http://www.adelaidecitycouncil.com/whats-on (the event Organiser is to upload this information. Delete if incorrect at time of letter distribution).

Yours sincerely

<Insert Name>

<Insert Company>

25 Pirie Street Adelaide
South Australia 5000
www.adelaidecitycouncil.com