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**Picnic in the Park, Pittville Park, Cheltenham**  
**1-2 September 2018**  
**Noise Management Plan V2**

**A. Objectives**

- 1 Together with the organisers, Anderson Mitchell have produced this Noise Management Plan (NMP) which sets out the planned steps and measures that the organisers will take to manage noise from the event and its potential to cause disturbance.
- 2 The NMP needs to be considered together with details of the proposals contained within the operational plan. The NMP is a working document subject to change and amendment prior to the event to allow for changing circumstances and input from Cheltenham Borough Council (CBC) Officers. All changes will be notified to Local Authority officers and issued as an amended NMP prior to the event. It is accepted that this document forms part of the licence proposal and that the organiser is therefore committed to implementing the NMP. Any changes will be minor and will not impact upon the licensing objectives. Wherever possible all such changes will be agreed with the appropriate Cheltenham officers.
- 3 The primary objective is to monitor and manage the noise levels on and off-site to ensure that the music noise level conditions attached to the event's licence are complied with. This objective is assumed compatible with the need to ensure sufficiently high levels within the venues to ensure audience satisfaction.
- 4 The event capacity is small, with only 1 music venue, and accordingly the resource is limited to the provision of 1 consultant. This however will be supplemented by the organisers, and in particular the PA provider and resident Front of House (FOH) engineer, to provide a mechanism whereby off-site levels can be translated and managed as on-site venue levels. Control will also be effected over additional noise sources eg traders, fair.

**B. Noise Management Resource-personnel and equipment**

- 1 Picnic in the Park management has engaged Anderson Mitchell to provide the acoustic advice and prepare this NMP detailing the monitoring and liaison role required. There will be 1 consultant provided for the duration of the event .  
Anderson Mitchell provides acoustic services to a variety of clients including other local authorities and festival/dance organisers. Steve Anderson holds the Diploma of the Institute of Acoustics as well as Noise at Work and Environmental Noise competence certificates.
- 2 All sound level meters used for environmental monitoring will be integrating meters to Type 1 specification and subject to a current calibration. At least one of the meters will be capable of real time octave and one third octave band analysis.
- 3 An additional meter will be provided to monitor levels at the main venue and will be installed for the duration of the show. Anderson Mitchell will provide an iPad display (running calibrated Audio Tools software from a measurement microphone) at sound FOH position. The display will be set as a rolling 5min LAeq and logged as 15min LAeq.

### C. Monitoring Strategy

- 1 The consultant will be at site throughout the performances and will be charged with off-site monitoring and will be doing so for the majority of the event.
- 2 Short term Leqs will be measured off-site to ensure levels are controlled in the shortest possible time. Where environmental music noise level (MNL) is measured at or in excess of the licence conditions as short term Leq then measurements will be immediately relayed on-site in order that the stage levels are managed to ensure compliance in the shortest time possible.
- 3 Where such a potential breach situation is identified the on-site PA crew will be mobilised to reduce FOH levels and new guide levels set using direct radio communication and/or mobile phone.
- 4 The results of any action will be reviewed by the off-site monitoring consultant.
- 5 Details of any breach/infringement, cause and any remedial action taken shall be noted and those records made available to officers from CBC upon request.
- 6 Measurements will include octave and one third octave band measurements where useful in the identification of any intrusive frequency. In particular routine measurements will be made of 63 Hz octave band levels.
- 7 Amplified music shall not be permitted outside of the hours of 11.00 to 21.00 on Saturday, and 11.00 to 20.00 on Sunday, with the exception of sound testing which may be carried out on the day prior to the commencement of the event between the hours of 12.00 to 17.00 for no longer than 2 hours in total, and on show days between 10.00 and 11.00.
- 6 Music noise levels shall not exceed 65dB LAeq 15 minutes measured at 1m from the facade of any noise sensitive premises.
- 7 The FOH engineer will monitor stage levels within the venue. This part of the exercise will provide quantitative information on levels to assist in the situation where they need to be reduced.

### D. Environmental Monitoring Sites

- 1 The monitoring of these sites will be determined prior to, and as the event progresses. It is the intention to have monitoring off-site for the majority of the performances.
- 2 The suggested monitoring sites selected are shown on the aerial image at Appendix 1 to reflect the most exposed/nearest noise sensitive premises and provide cover around the site. Note that for practical reasons of access, possible screening from temporary structures such as fencing, it may be desirable to monitor from locations nearby representative of these locations.
- 3 It is likely that levels will be consistently highest at one or other of the sites, in which case the majority of the monitoring will be carried out there with other monitoring sites used less frequently to confirm the situation and provide a context.
- 4 Whilst the licence criteria will be as a 15 minute LAeq, routine off site monitoring of MNLs will be frequently over a short a period as possible commensurate with accurate data (typically 2-5 minutes), in order that swift response can be made to venue levels to avoid a licence criteria breach.

### **E. Setting stage levels**

1 A sound propagation test may be carried out of the system. Simultaneous measurements will be carried out from the monitoring position within the venue and off site sequentially in order that an internal guide level can be established for the venue. Alternatively conservative guide levels will be set initially and guide levels revised upwards based on real data on the day.

2 Noise levels will be monitored continuously throughout the event at each venue. If the level approaches the control limits set for the venue, the FOH resident engineer will ensure that any act engineers reduce the levels. In addition to the control of the overall sound level, frequency adjustments can also be made to reduce the sound at certain low frequencies.

3 The venue guide levels will be modified should that be necessary throughout the event in order to ensure satisfactory off-site environmental levels.

4 The organiser will also be encouraged to leave some "headroom" early in the event to provide a safety margin to insure against the consequence of adverse climatic conditions developing later during the event, and to be able to allow some upward movement of levels should that be necessary to maintain audience satisfaction.

5 Measurements of levels within the venue will be displayed at fixed FOH location to provide representative levels against which changes can be made and measured. Displays will be set as 5 minute rolling LAeq as well as A weighted sound pressure (slow) levels to provide a reference point for sound engineers and 15 minute logs will be made.

6 A meeting with PA crew before the start of the event will be arranged to brief everyone of the noise control and management process.

### **F. Sound Systems management**

1 The PA systems for all of the venues are provided by..... Once installed systems will be set up by ..... to achieve levels as mentioned above.

2 During the event engineers for individual acts will be supervised as necessary by ..... crew in order to comply with the venue guide level.

### **G. Management of other potential noise sources**

1 Traders will not be permitted PA systems.

2 Any fairground PA will be monitored and controlled.

### **H. Liaison with LA and complaint handling**

1 Anderson Mitchell will be contactable by CBC officers via mobile phone. Anderson Mitchell will operate from the Production Office.

2 Anderson Mitchell will report directly to the organisers and will be primarily responsible for liaison with CBC officers. It is suggested that this may be through both programmed meetings if requested by CBC, as well as ad-hoc issue based discussions as and when circumstances necessitate.

3 Anderson Mitchell will seek to work closely with CBC officers, agreeing any changes to off-site monitoring positions, sharing noise data observations and other information wherever possible. A role that the Anderson Mitchell will fulfil is to ensure that CBC officer requests are translated into action by the appropriate personnel. All requests relating to noise will be

routed through Anderson Mitchell to ensure any noise issues are properly managed and dealt with as soon as possible.

4 The Festival will establish a Noise Hotline for any complainants. The number will be distributed to immediate local residents by maildrop and be displayed on site fencing. The number will also be provided for CBC to have available via their out of hours service should they wish. Any complaints will be logged and kept available for inspection by CBC officers.

5 In the event that CBC receive complaints directly via their out of hours service, then, in addition to any action which they may or may not take, that complaint will be relayed to the Event as soon as practical.

6 CBC officers will have access to any noise logs or measurements made during the event.

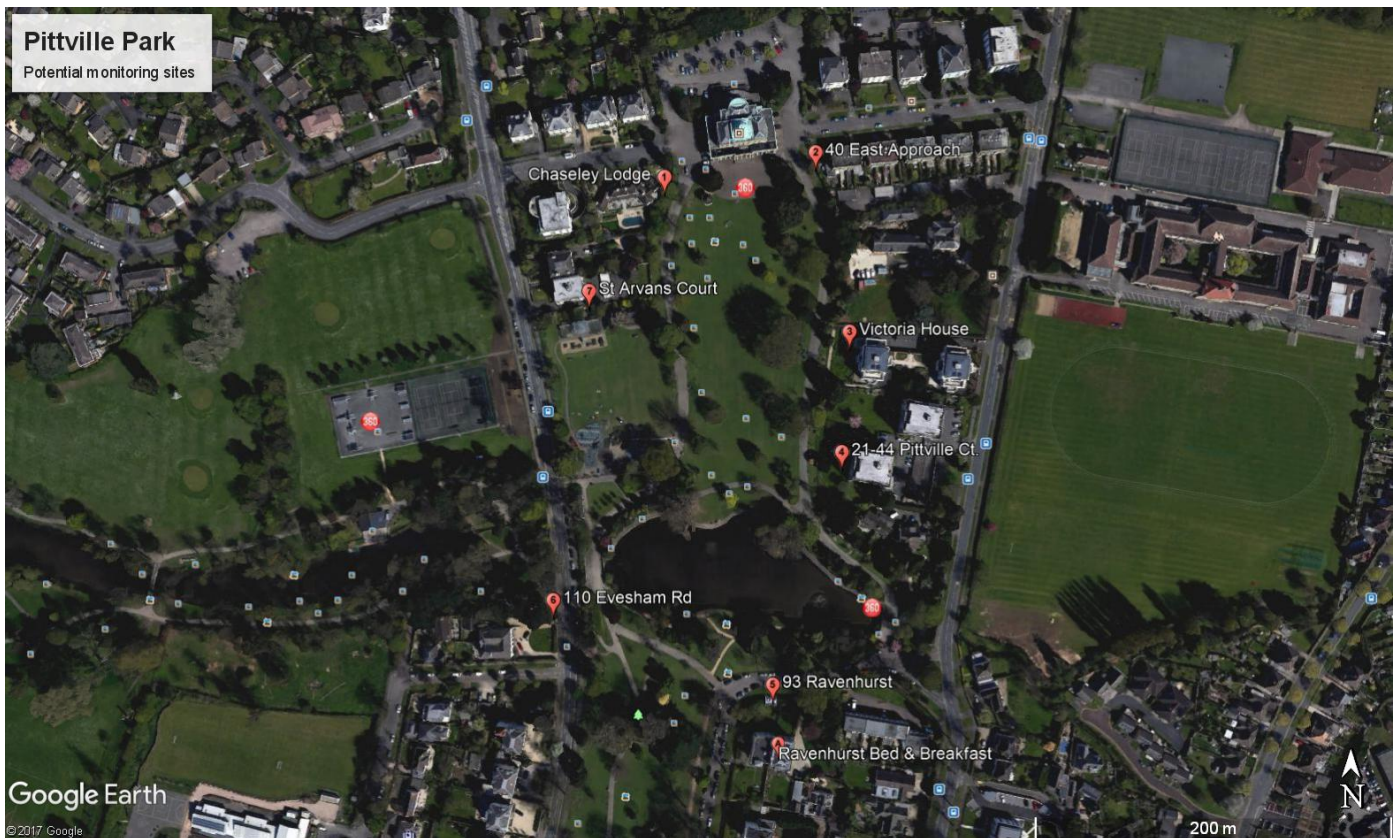
7 References to contact with CBC officers during the event will be dependant upon CBC determining it that it wishes to attend the event and does not infer any commitment on the part of CBC.

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Draft V2

## Appendix 1

### Noise Monitoring Locations



- 1 Chaseley Lodge
- 2 40 East Approach
- 3 Victoria House
- 4 21-44 Pittville Court
- 5 93 Pittville Lawn (Ravenhurst)
- 6 110 Evesham Road
- 7 St Arvans Court