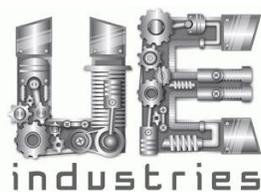




NOISE MANAGEMENT PLAN

Version 1.0
Updated on 15.05.2017



www.ueindustries.com
ue@ueindustries.com
PO Box 282, Lancefield VIC 3435
ABN: 23 321 012 092 ACN: 166 277 738
www.yemayafestival.com



TABLE OF CONTENTS

1. INTRODUCTION	3
1.1 PURPOSE	3
1.2 SCOPE.....	3
1.3 OBJECTIVES	3
2. BACKGROUND	4
2.1 LOCATION FACTORS.....	4
2.2 NOISE GENERATING ACTIVITIES.....	4
2.3 INDUSTRY COMPARISONS.....	5
2.4 CONFIGURATION.....	5
2.5 PLANNED MUSIC DURATION.....	5
2.6 NOISE SENSITIVE LOCATIONS	6
2.7 CONSULTATION	6
3. CONTROL MEASURES.....	7
3.1 RELEVANT LEGISLATION AND GUIDELINES.....	7
3.2 NOISE CRITERIA.....	7
3.3 MONITORING.....	8
3.4 REPORTING AND CONTROL PROCEDURE.....	9
3.5 DATA COLLECTION AND LOGGING	9



1. INTRODUCTION

1.1 Purpose

This report has been written to enable consideration of the proposal by multiple stakeholders, and may be provided to Government Departments, Regulatory Authorities, local community organisations, or interested persons within Loddon Shire for information purposes however the contents or subject matter of the document may not be communicated to any third party without prior consent of UE Industries Pty Ltd. This report, or any part of this report, may not be reproduced without prior consent of UE Industries Pty Ltd.

Whilst reasonable attempts have been made to ensure the contents of this report are accurate and complete at the time of writing, Renzo Tonin & Associates disclaims any responsibility for loss or damage that may be occasioned directly or indirectly through the use of, or reliance on, the contents of this report.

1.2 Scope

This document applies to all activities relating to Yemaya Festival and all employees, contractors, and service providers employed or providing services to the event.

Any requirements outlined in this plan are considered supplementary to any legislative obligations and industry standards which contractors or service providers may have in relation to their delivery of service for the event.

1.3 Objectives

The objectives of this plan are to outline measures for implementation at the event in order to:

- Eliminate and reduce disturbance to nearby residences wherever possible;
- Comply with applicable EPA legislation, guidelines and requirements;
- Comply with applicable planning permit conditions; and
- Respond to any noise related complaints in a timely manner.

2. BACKGROUND

2.1 Location Factors

The venue is a large, privately owned landholding used for farming (grazing) located at 53 Majors Line Rd, Fernihurst VIC 3518, approximately 230km North-West of Melbourne. The location was selected after thorough assessment of key event hosting criteria, including but not limited to the following selection factors:

- Isolation from densely populated areas - 18km from Serpentine and 20km from Boort
- Few properties in the surrounding area, only seven (7) dwellings within 5km radius
- Property size and open layout – unobstructed visibility for safety personnel
- Clear access and egress
- Flora and fauna
- Bushfire risk
- Flood risk
- Environmental significance
- Heritage significance

The venue meets all key criteria in relation to the above site selection factors, and is considered well suited for a festival of this nature. Features of the site include its ample flat open space, clear access paths, and low safety, environmental and heritage risk.

Separation from noise sensitive locations is a significant factor, as there are only seven known occupied residential dwellings within a five kilometer radius of the venue.

2.2 Noise Generating Activities

The major noise generating activities associated with the event include:

- Temporary traffic noise associated with patron traffic accessing and leaving the event
- Crowd noise associated with large numbers of patrons within the event area
- Music noise associated with the playing of amplified music and live music acts

The measures and procedures outlined in this plan are in place to reduce or eliminate the risk of any potential impact of the event operations.



2.3 Industry Comparisons

Several similar events are well-established and operate successfully within nearby regions, most notably Rainbow Serpent Festival in Pyrenees Shire. Although both of these events are run on a significantly larger scale than Yemaya Festival, they share very comparable circumstances and provide relevant information for benchmarking purposes.

Event	Distance from populated areas	Residences within 5km	Number of Stages
Yemaya Festival	18km from Serpentine, 20km from Boort	7	2
Maitreya Festival	14km from Charlton	22	3
Rainbow Serpent Festival	5km from Lexton	30+	5

2.4 Configuration

The sound systems for both of the stages are directional speaker stacks which are specifically designed to direct the sound to a central point, rather than the traditional line array speaker stacks which are designed to cover a wide area. Speaker orientation and directivity shall be optimised on-site by a sound engineer to reduce noise spill away from the patron areas.

2.5 Planned Music Duration

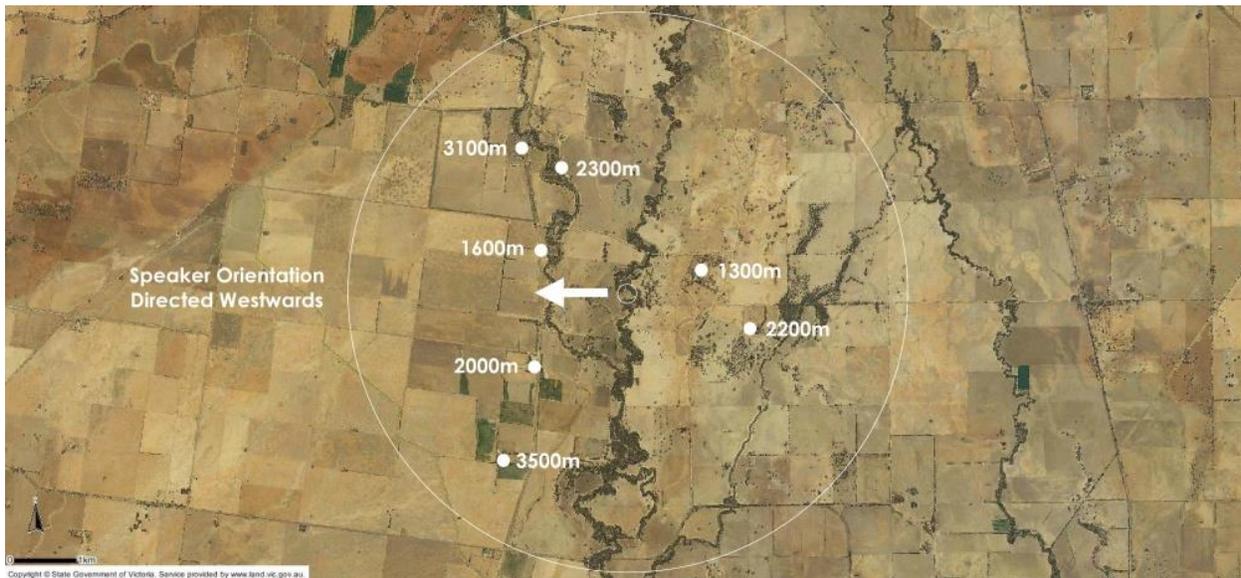
Main Stage Runtime	Ashaba Stage Runtime
Start: 6:00pm Thursday 28th September 2017 End: 2:00am Friday 29th September 2017 Resume: 10:00am Friday 29th September 2017 End: 6:00pm Sunday 1st October 2017	Start: 6:00pm Thursday 28th September 2017 End: 2:00am Friday 29th September 2017 Resume: 11:00am Friday 29th September 2017 End: 8:00pm Sunday 1st October 2017 (Downtempo wind-down)
* Jam spaces and theme camps may operate outside of these times at very low and/or non-amplified volume levels.	

2.6 Noise Sensitive Locations

The site has been chosen specifically for its suitability for the event, with specific consideration given to the isolation from neighbouring properties.

The primary event area is highlighted below in the white outline circle in the centre of the map.

There is a widely dispersed population in the area with only seven (7) residences within a 5km range, notifications have been provided to all affected neighbours of the proposed event to address any concerns directly.



2.7 Consultation

The owners of all properties within five kilometres of the venue will be contacted as part of ongoing consultation and provided with relevant noise information, including the complaints processes outlined. The Event Organiser and Site Manager's full contact details will be provided to each land owner or tenant so that complaints can be managed efficiently.

3. CONTROL MEASURES

3.1 Relevant Legislation and Guidelines

In Victoria, music noise from public premises is regulated by the EPA under the Environment Protection Act 1970, and the State Environment Protection Policy Control of Music Noise from Public Premises No. N-2 (SEPP N-2). The Environment Protection Act 1970 establishes the framework for EPA's response to noise complaints issued by the general public. SEPP N-2 is subordinate legislation under the Environment Protection Act 1970, however is regarded as the primary legislation dealing with control of music noise from outdoor music events and festivals.

3.2 Noise Criteria

Monitoring will be performed by qualified site personnel using a sound level meter, measuring the following parameter during the event to ensure compliance with the State Environment Protection Policy (Control of Music Noise from Public Premises) (SEPP N-2):

- L_{Aeq} , 15 mins of representative music noise

Acting on advice from the monitoring staff, the event organiser is responsible for ensuring the sound pressure level at the FOH mixing desk does not exceed a suitable reference level that results in SEPP N-2 compliance at residential dwellings.

The following noise criteria are to be applied at noise sensitive premises at the boundaries of the event site:

Day-time (12.00pm to 10.00pm): 65dB (A) L_{Aeq} (15 min)

All other times: Inaudible

Overall sound levels measured at noise sensitive premises are to be recorded in dB(A). Spectral (e.g. octave band) sound levels are to be recorded in dB (unweighted) for informational purposes only and to assist in audibility assessments.



3.3 Monitoring

The event organiser will be responsible for monitoring noise levels and ensuring that they comply with any agreed noise conditions.

Sound levels will be monitored from the agreed monitoring positions at regular intervals throughout the event, or on receipt of any external notifications. Monitoring shall be conducted within Noise Sensitive Areas or at other locations deemed representative of the noise levels within the Noise Sensitive Areas, where access is difficult. Action will be taken to reduce noise levels where the agreed noise levels are exceeded.

One (1) audio engineer is to monitor sound levels at Front of House (FOH) mixing desks and at noise sensitive locations around the site perimeter. The audio engineer will be on site for the duration of the event including sound checks and shall communicate sound level readings to the Event Organiser who is responsible for relaying control requirements to FOH.

The Event Organiser shall have full control over the sound amplification equipment and the volume shall be adjusted according to the definitions of the State Environment Protection Policy (Control of Music Noise from Public Premises) (SEPP N-2) as required.

The Event Organiser shall ensure that all persons (including individual audio engineers) involved with the sound system are informed of the sound control limits and that any instructions regarding noise levels are to be complied with.

Access to the event site will be available at all times to relevant authorities for the purpose of sound level measurements, communications with the nominated sound engineer, and monitoring license conditions.

The Event Organiser shall effect full control over traders, patrons, or other organisations on site where there is amplified music being played outside of approved times, and shall arrange for the volume to be reduced, the playing to cease, or if necessary the equipment to be confiscated.

3.4 Reporting and Control Procedure

Should a complaint be received directly by the event organiser at any time throughout the duration of the event, the response procedure will include:

1. Handling of call by the event organiser or the site manager.
2. Recipient of call to record full details of contact.
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. Where possible, advise audio engineer of complaint location and to undertake measurement of music noise at FOH mixing desk and complaint location as appropriate.
5. If noise level at FOH mixing desk exceeds specified level and/or level at complaint location exceeds the relevant noise trigger level for the location, reduce event noise levels as appropriate to ensure compliance with the set noise criteria.
6. Advise complainant of action taken, if possible.

3.5 Data Collection and Logging

The site operations officers are responsible for record any complaints relating to noise. All noise readings shall be kept in a noise log which will contain the following information.

- Date
- Time
- Location
- Noise reading (in dBA).
- Weather conditions and prevailing wind direction
- Follow up noise readings where the complaint requires rectification

The following information will be kept for management purposes and will be made available to any relevant authorities upon request.

- All noise readings collected in the noise log for the event.
- All noise complaints (correspondence, and the details and remedial actions undertaken for each complaint, as recorded in the noise complaints log for the event)