

Our ref: 1586/NoiseConditionsLetter/Rev0

Your ref:

Date: 30 April 2021

Lee Denny
 Camp Wildfire

Dear Lee,

Camp Wildfire – Review of Proposed Premises Licence Conditions

I have reviewed the proposed Premises Licence Conditions relating to noise provided by Nick Chapman (Assistant Environmental Health Manager- Environmental Protection) on Tuesday 6th April 2021. I recommend the following changes to the conditions to account for the proposed four consecutive weekend events.

- The following Music Noise Levels (MNL) shall apply to the event:

Day	Time Period	MNL ¹
Thursday	08:00 to 00:00	Inaudible ²
Friday	08:00 to 23:00	Representative background Sound Level ³ (L _{A90}) +15 dB measured as an L _{Aeq,15min}
	23:00 to 01:00	Two weekends L _{Aeq,5min} 45 dB, two weekends inaudible ²
	01:00 to 03:00	Inaudible ²
Saturday	08:00 to 23:00	Representative background Sound Level ³ (L _{A90}) +15 dB measured as an L _{Aeq,15min}
	23:00 to 01:00	Two weekends L _{Aeq,5min} 45 dB, two weekends inaudible ²
	01:00 to 03:00	Inaudible ²
Sunday	08:00 to 23:00	Representative background Sound Level ³ (L _{A90}) +15 dB measured as an L _{Aeq,15min}
	23:00 to 00:00	Two weekends L _{Aeq,5min} 45 dB, two weekends inaudible ²
	00:00 to 02:00	Inaudible ²

- At monitoring locations representative of the nearest noise sensitive receptors as agreed with Environmental Protection.
- Inaudible inside the nearest noise sensitive receptors. Definition of inaudibility as discussed in 'NANR 92 Noise from Pubs and Clubs' [Department for Environment, Food and Rural Affairs. 2005]:
"Noise is considered to be inaudible when it is at a sufficiently low level such that is not recognizable as emanating from the source in question and it does not alter the perception of the ambient noise environment that would prevail in the absence of the source in question."
 The 'Code of Practise on Environmental Noise Control at Concerts' [The Noise Council, 1995] states between the hours 23.00 and 09.00 the music noise should not be audible within noise-sensitive premises with windows open in a typical manner for ventilation. It goes on to say the use of inaudibility as a guideline is not universally accepted as an appropriate method of control and that control can be exercised in this situation by limiting the music noise so that it is just audible outside the noise sensitive premises.

3. Background sound level measured and calculated as per the 'Code of Practise on Environmental Noise Control at Concerts' (the arithmetic average of the $L_{A90,1\text{hour}}$ for the final four hours of the period to be determined).
2. The licensee shall nominate, in writing, a sound engineer or other appropriate person (as agreed with Environmental Protection) who throughout the course of the event shall be in control of the MNL. This individual shall operate independently of any DJ, or artiste in all music areas within the licensed site and will be responsible for ensuring the MNL levels in Condition 1 are met throughout the event.
3. The nominated individual in Condition 2 shall take noise measurements from a minimum of three locations to be agreed with Environmental Health during the period of 20:00 to 03:00 to ensure compliance with the MNL in Condition 1. The results of this monitoring shall be recorded and a written record provided to the Environmental Health Team within two weeks of the event or at any time if requested. Monitoring locations shall be sited so as to be representative of the worst-case residential exposure to the MNL from the event.
4. The Licensee shall ensure that adequate communications methods (site radios with designated channel / mobile phone) are in place to enable the individual in Condition 2 to communicate quickly and effectively with relevant sound engineers from all off-site monitoring locations.
5. Prior to the event a sound propagation test(s) shall be undertaken, method to be agreed with Environmental Protection. Such testing shall include all sound stages and shall take place prior to any regulated entertainment taking place.
6. The licensee shall maintain a complaint telephone line throughout the event. The licensee shall ensure that where a mobile telephone is to be used, that an appropriate network provider is selected to ensure good network service during the course of the event. This telephone number shall be provided to Environmental Health at least two weeks in advance of the event.
7. During the event the licensee shall ensure that calls are answered and a response initiated within 15 minutes. A schedule of persons responsible for monitoring the complaint telephone will be supplied to the licensing authority at least two weeks in advance of the event.
8. Where anonymous complaints are received, the licensee shall make reasonable effort to investigate the details of the complaint and take action as appropriate. Callers may be asked to provide a postcode in order to locate complaints, however they will not be required to supply names or telephone numbers if they do not wish to do so, however this may impede the ability of the licensee to investigate the complaint.
9. All calls to the complaint telephone line shall be logged. Environmental Protection shall be provided with a copy of this log within two weeks of the event or at any time upon request.
10. Where complaints are received in respect of the MNL, the licensee's appointed person (as per Condition 2) shall visit the area in focus and undertake a noise measurement to ascertain the validity of the complaint. Where the MNL is found to exceed Condition 1, immediate steps will be taken to reduce the MNL to the levels agreed.

11. [Removed]
12. No Special effects, fireworks, strobes, lasers or pyrotechnic effects are to be used or take place within the licensed premises area without the written approval of the District Council, which shall not be unreasonably withheld.
13. All lighting shall be designed to ensure it does not result in unreasonable light trespass, intrusion or glare at nearby residential properties.
14. At least one week prior to the event the licensee will send a letter to all residents within 0.5km of the event site. The wording of the letter shall be provided to Environmental Protection and will as a minimum contain the following:
 - a. Details of event timings.
 - b. Information on agreed noise levels.
 - c. Details of complaints procedure (including complaint telephone line).
 - d. Steps that will be taken to rectify complaints.

Further to the review of conditions as requested we have carried out a baseline noise survey to establish an indicative background noise level throughout the evening and night-time at the nearest noise sensitive receptors. Enclosed with this letter is our Technical Memo outlining the baseline noise survey methodology and results. Two locations were monitored representative of two of the nearest noise sensitive receptors expected to receive the loudest and quietest noise levels from the M20 motorway. The loudest monitoring location was on Terry's Lodge Road 200m south of the M20 representative of the properties 200 m north of the M20 on Terry's Lodge Road and the quietest monitoring location was on the boundary of the field to the southeast of White Gate Cottage.

The results of the baseline noise survey show that the difference in background sound levels at the two noise sensitive receptors was 21 dB between 19:00 to 23:00 and would therefore be appropriate to base the MNL limits on an $L_{Aeq,15min}$ of +15 dB over the measured background sound level to account for the different existing noise levels at each location. Additional baseline noise surveys would be carried out at all agreed noise monitoring locations prior to the event over a weekend to establish the MNL criteria pre 23:00. The proposed third monitoring location would be representative of the properties on St Clere Hill Road, north of the entrance/exit gate for the event. The background sound level at this location is expected to be somewhere in-between the two locations already measured.

A full Noise Management Plan (NMP) will be provided to be submitted to the Local Authority prior to the event. The NMP will include all the information requested in the proposed conditions as required to be agreed with Environmental Protection.

Yours sincerely,



Robert Miller BSc (Hons) MIOA
Director

Enc.

Baseline Noise Monitoring 29th April 2021 – Technical Memo

TECHNICAL MEMO

Project	Camp Wildfire – Baseline Noise Survey 29 April 2021
To	Lee Denny, Camp Wildfire
From	Robert Miller, Director, F1 Acoustics Company Limited
Date	30 April 2021
Reference	1586/BaselineSurveyTechnicalMemo/Rev0

1 INTRODUCTION

F1 Acoustics Company Limited has been appointed by Camp Wildfire to undertake baseline noise monitoring for the Camp Wildfire events to be held at the St Clere Estate in Kent.

2 EVENT DESCRIPTION

Camp Wildfire will be held on up to four weekends with music curfew times of Friday 03:00, Saturday 03:00 and Sunday 02:00.

3 BASELINE NOISE SURVEYS

To measure the existing background and ambient noise levels representative of the nearest noise sensitive receptors (NSR), two baseline noise surveys were carried out on the evening and night of Thursday 29th April 2021.

The surveys were carried out following the guidance provided in the Code of Practice on Environmental Noise Control at Concerts (The Noise Council, 1995), that states the background sound levels should be measured over a period representative of the last four hours of the proposed music event, on a day without the event occurring. The four measured $L_{A90,1\text{hour}}$ background sound level measurements are then arithmetically averaged to provide a representative background sound level for the event.

As the event runs beyond daytime hours (07:00 to 23:00) measurements were made over the final four hours of the daytime period, 19:00 to 23:00 and the final four hours of the proposed events 23:00 to 03:00.

Location 1 – White Gate Cottage

The noise survey was located on the boundary of the field to the southeast of White Gate Cottage.

The microphone was installed at a height of 1.5 m above ground level and in a free-field location. The microphone was fitted with a weatherproof windshield.

The noise survey location is shown in Figure 1.

The noise environment during the baseline noise survey was comprised of distant road traffic noise (M20), birdsong, occasional aircraft and occasional set-up noise from a film shoot at the far end of the field. The background noise levels were dominated by the distant road traffic (M20). The noise from the film shoot preparation did not have a significant impact on the measured noise levels.

Location 2 – Terry’s Lodge Road

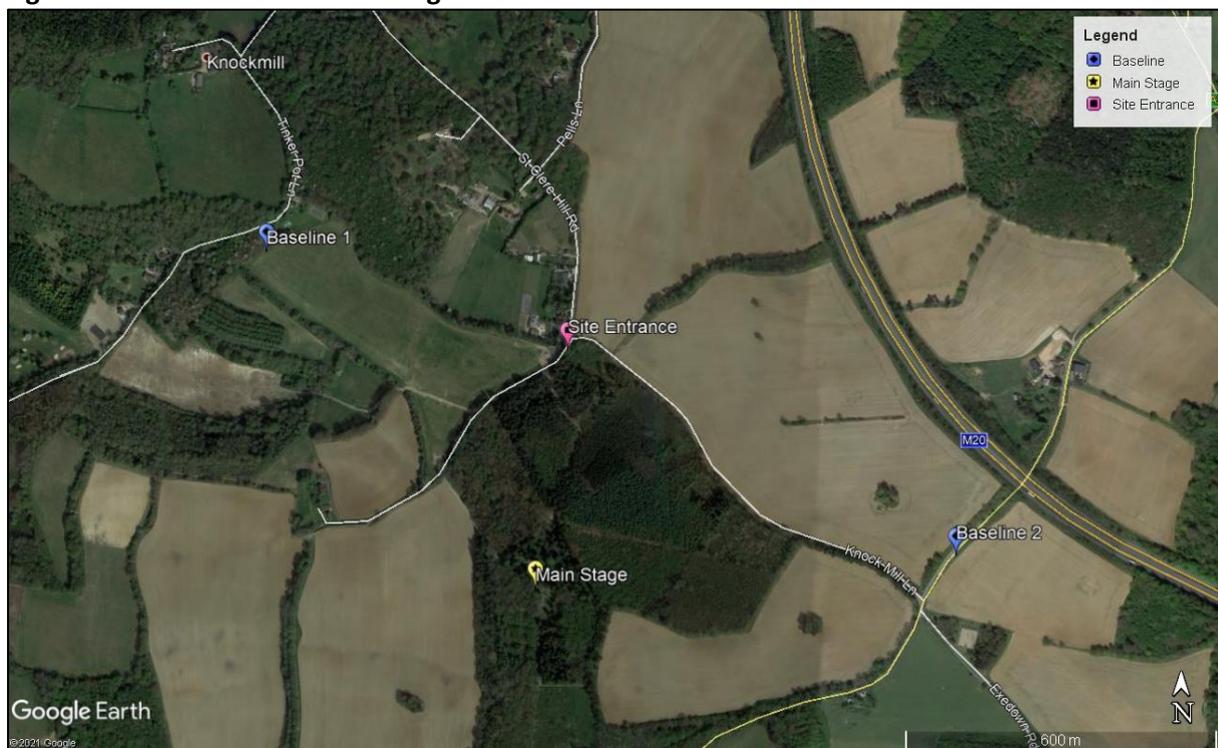
The noise survey was located 200 m south of the M20 motorway on Terry’s Lodge Road. The location was a comparable distance from the motorway to the residential properties located to the north of the M20 and is considered representative.

The microphone was installed at a height of 1.5 m above ground level and in a free-field location. The microphone was fitted with a weatherproof windshield.

The noise survey location is shown in Figure 1.

The noise environment during the baseline noise survey was dominated by road traffic noise from the M20. Other noise sources included birdsong and occasional aircraft.

Figure 1: Baseline Noise Monitoring Locations



Equipment and Calibration

The instrumentation used for the noise surveys were Rion NL-52 Class 1 sound level meters (SLM) (F1AC-001 and F1AC-002) and Rion NC-74 Calibrators (F1AC-003 and F1AC-004). The SLMs were configured to log $L_{p,100ms}$ data and 15-minute broadband measurements of the L_{Aeq} and L_{A90} with fast time weighting.

The SLMs had field calibration checks carried out prior to and immediately following the surveys and no significant deviation was recorded. All instrumentation used has been calibrated to traceable standards within two years.

Weather

The meteorological conditions were monitored throughout the duration of the noise survey. There was a short period of light rain between 23:30 and 23:40. There were no periods considered unsuitable for noise monitoring during the survey.

4 BASELINE NOISE SURVEY RESULTS

The broadband baseline noise survey results are presented in Table 1 below.

Table 1: Measured and Calculated Average Background and Ambient Sound Levels

Start Time	Location 1 – White Gate Cottage		Location 2 – Terry’s Lodge Road	
	Background L _{A90,1hour} , dB ¹	Ambient L _{Aeq,1hour} , dB	Background L _{A90,1hour} , dB ¹	Ambient L _{Aeq,1hour} , dB
19:00	32	40	57	61
20:00	35	41	57	61
21:00	37	41	56	60
22:00	36	40	54	59
23:00	33	38	49	56
00:00	31	37	47	56
01:00	30	37	43	54
02:00	34	40	44	55
Average 19:00 to 23:00 ²	35	40	56	60
Average 23:00 to 03:00 ²	32	38	46	55

1 Calculated from L_p,100ms data.

2 Background averages are arithmetic and ambient averages are logarithmic.