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GALA 2023, Peckham Rye Park

Sound Control Post-Event Report

We Are The Fair Ltd

Revision 0

03 July 2023

Role	Name	Position	Si nature	Date
[redacted]	[redacted]	[redacted]	[redacted]	03/07/2023
[redacted]	[redacted]	[redacted]		03/07/2023

Revision	Date	Reason
0	03/07/2023	Issue.

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1 Introduction

1.1 Appointment

1.1.1 F1 Acoustics Company Limited (F1AC) was been appointed by We Are The Fair Ltd (WATF) to provide sound control management for GALA 2023, held on Friday 26th, Saturday 27th and Sunday 28th May 2023 at Peckham Rye Park, London.

1.1.2 This report details the music noise level criteria proposed in the Noise Management Plan (NMP); a summary of the on-site and off-site noise levels measured throughout the event; actions taken as a result of the measurements; complaints received; complaint investigation measurements; and any actions taken as a result of complaint investigation.

1.2 About F1 Acoustics Company Limited

1.2.1 F1AC are specialists in event and festival sound control and have provided services for festivals including Glastonbury, Boomtown, South West Four, Leeds, Latitude, Kendall Calling and Festival No. 6 plus numerous other single stage and multi-stage events across the UK. We have a combined experience of over 26 years providing high quality sound control services and all of our Consultants are Members of the Institute of Acoustics. Our staff have presented expert testimony at planning and licencing hearings as well as being accustomed to liaising with Local Authority Officers regarding noise issues.

1.2.2 A glossary of acoustic terms is provided in Appendix A to assist the reader.

2 Licence, Standards and Guidance

2.1 Licence Conditions

2.1.1 Southwark Council (SC) and WATF have proposed the following conditions relating to noise for the GALA 2022 event:

"42. The PLH will be required to employ a noise control consultant who shall produce a Noise Management Plan (NMP).

43. The Noise Management Consultant will carry out a test of the noise sources prior to the event. The tests shall be conducted at a distance of 1m from the façade of the nearest noise sensitive premises.

44. THE PLH will ensure an officer from Environmental Protection Team (EPT) is invited to the proposed sound tests prior to the event (preferably one day before the event).

45. The PLH shall ensure that all reasonable requests from the Council Officers are complied with.

46. The details of two contact telephone numbers, including a mobile telephone number, permanently staffed during performances, will be made available to council officers prior to the event(s).

47. At least one week prior to the beginning of the event, a leaflet drop is to be made to households in the immediate area. The leaflet is to include a timetable and description of each

performance and the contact telephone numbers.

48. The PLH should ensure that the music noise level limits proposed in the noise management plan are not exceeded during the event. These limits shall be subject to review during this event and future events if EPT are to receive a substantiated noise complaint at any point during the event.

49. The PLH will ensure that regular checks are to be carried out at a distance of 1m from the façade of the nearest noise sensitive locations to the event (e.g.

houses, residential homes, churches as described in the NMP) to monitor the noise and ensure that the limits agreed are not exceeded.

50. The volume of all sound equipment on site shall be the responsibility of the Noise Management Consultant appointed by the PLH.

51. No additional sound equipment (other than that described in the ESMP/NMP) shall be used on site without the prior agreement of the council's EPT and the appointed Noise Management Consultant.

52. The appointed Noise Management Consultant shall continually monitor noise levels at the sound mixer position and instruct the sound engineer accordingly to ensure that the above noise limits are not exceeded. The Council shall have access to the results of the noise monitoring at any time.

53. The Noise Management Plan (NMP) will need to be agreed with Southwark EPT no later than 14 days prior to any event taking place."

2.2 Off-site Music Noise Level Limits

2.2.1 The off-site music noise level limits proposed in the NMP are provided in Table 2.1 below.

Table 2.1: Proposed MNL Limits

Location	Acts	Daytime 12:00 to 22:30
		Broadband $L_{Aeq,15min}$, dB
Sound monitoring location representative of a noise sensitive premises	Selected artists/performances ("headliners")	75
	Remainder of the artists/performances ("support acts").	70

3 Site, Environs and Details of the Event

3.1 Site Location

3.1.1 The festival site is situated at Peckham Rye Park, Straker's Road, London, SE15 3UA within the London Borough of Southwark. The site is within an urban and sub-urban residential area with flat topography surrounding the site. Peckham Rye Park is surrounded by noise sensitive premises. A plan showing the event site location and surrounding area is included as Figure 1.

3.1.2 The character of the event site is urban / sub-urban with local road traffic noise.

3.2 GALA 2023

3.2.1 The event was held on Friday 26th to Sunday 28th May 2023 from 11:30 to 22:30 each day. Sound propagation tests were carried out on the morning of Friday 26th May 2023. A plan showing the site layout including the location and orientation of the main stages is included as Figure 2.

3.2.2 There were four main stages at the event. The stage details and programmed curfew times are given in Table 3.1.

Table 3.1: Stage Details

Stage Details	Stage Curfew Times		
	Friday 26th May	**Saturday 27th May**	**Sunday 28th May**
Stage 1 – an open-air stage (approx. 15-30m wide)	22:30	22:30	22:30
Stage 2 – an open-air stage	22:00	22:00	22:00
Stage 3 – covered dome stage (approx. 25m diameter)	22:15	22:00	22:00
Stage 4 – an open-air stage	22:00	22:00	22:00

3.2.3 All of the sound systems had appropriate controls for limiting, adjusting and fine-tuning individual third octave frequency bands.

4 Measured Noise Levels

4.1 Equipment

4.1.1 Off-site noise levels were measured with a Rion NL-52 (F1AC-066), Class 1 sound level meter (SLM) with octave and third-octave frequency band measurement capability. The SLM was checked for calibration with a Rion NC-75 (F1AC-067) Class 1 sound level calibrator, at the beginning and end of the monitoring period. No significant deviation of the calibration level was observed.

4.1.2 Music noise levels at the Main Stage (Stage 1) and Stage 4 front of house positions were continuously monitored using NTi Audio XL2 Class 2 sound level SLMs. The SLMs were connected to Noise Network: LIVE a real-time visual display enabling the sound engineer to actively monitor the stage noise levels.

4.2 Staffing

4.2.1 [redacted]

4.3 On-site Measurements

4.3.1 Music noise levels were monitored at the Main Stage and Stage 4 throughout the event. The results of the on-site music noise level monitoring are presented in Appendix B.

4.4 Off-site Measurements

4.4.1 Off-site measurements of the music noise were made at the closest NSRs throughout the event. If possible, where it was observed that there were noisy events that were not related to the event, such as local vehicle movements, aircraft, or people talking near to the microphone, these were paused out of the measurements.

4.4.2 The off-site measurements and observations for the three event days are shown in Tables 4.1, 4.2 and 4.3 below.

Friday 26th May 2023

4.4.3 The meteorological conditions during the event on Friday 26th May 2023 were mostly sunny, temperatures of 18 to 13 °C and no periods of precipitation. There was a wind from the east-northeast up to 3 - 5 m/s.

Table 4.1: Measurements and Observations Friday 26th May 2023

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
14:30	MP3	5	58	Music noise: Audible bass beat, fast pace conga beat, harmonised vocals. Environmental sources: Wind, local and distant road traffic noise, buses, pedestrians, barking dogs. Paused: Nothing.
14:41	MP4	2	59	Music noise: Steady bass, distant female vocals. Environmental sources: Birdsong, local and distant road traffic noise, wind, pedestrians. Paused: Stopped after 2 minutes as residents talking.
15:00	MP5	3	62	Music noise: Low level bass beat drifting in and out. Environmental sources: Wind, local and distant road traffic noise, buses, pedestrians, barking dogs. Paused: For passing busses and louder vehicles.
15:19	MP1	5	60	Music noise: Multiple sources audible, bass with vocals from stage 2, sirens and bass from stage 1. Environmental sources: Wind, local and distant road traffic noise, buses, pedestrians, pedestrian crossing beeps. Paused: For passing busses and louder vehicles, pedestrian crossing.
16:23	MP1	5	63	Music noise: Steady bass with swirling vocals. Environmental sources: Strong winds increasing measured LAeq, local and distant road traffic noise, pedestrian crossing, busses. Paused: For pedestrian crossing beeps, louder passing vehicles.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
16:44	MP5	5	65	Music noise: A mix of sustained and then faster bass notes from the dome stage, stage reduced by 2dB. Environmental sources: Wind, local and distant road traffic noise, buses, pedestrians, cyclists. Paused: For passing busses and louder vehicles.
17:17	MP4	5	68	Music noise: Steady bass, live jazz with flutes and keys, loud bass, actions taken on subs and stage monitors. Environmental sources: Birdsong, local and distant road traffic noise, wind, pedestrians. Paused: For passing louder vehicles.
17:26	MP4	5	67	Music noise: High pass on stage monitors 80Hz and below, FOH 63Hz -3dB new C level set at 106. Environmental sources: Birdsong, local and distant road traffic noise, wind, pedestrians. Paused: For passing louder vehicles.
17:49	MP3	10	66	Music noise: Mix of sources, HF from stage 4, flutes and vocals, loud bass surges from stage 2. Environmental sources: Strong winds inflating levels, local and distant road traffic noise. Paused: For passing louder vehicles.
19:03	MP3	10	66	Music noise: Mix of sources. Environmental sources: Strong winds inflating levels, local and distant road traffic noise. Paused: For passing louder vehicles.
19:36	MP4	5	68	Music noise: Audible funk/jazz bass and horns. Environmental sources: Wind, local and distant road traffic noise, buses, pedestrians. Paused: For passing cars.
19:55	MP1	5	62	Music noise: Stage 1 on changeover, distant bass and bongos from stage 2/4. Environmental sources: Wind, local and distant road traffic noise, buses, pedestrians Paused: Nothing.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
20:20	MP1	4	66	Music noise: Loud intro then settled, synths and congas. Environmental sources: Birdsong, local and distant road traffic noise, wind, pedestrians. Paused: For pedestrians.
20:42	MP3	5	66	Music noise: Mixture of sources, bass from stage 2, vocals and percussion from stage 4. Environmental sources: Strong winds increasing measured LAeq, local and distant road traffic noise. Paused: Nothing.
20:50	MP3	5	66	Music noise: Mixture of sources, bass from stage 2, vocals and percussion from stage 4. Environmental sources: Strong winds increasing measured LAeq, local and distant road traffic noise. Paused: Nothing.
21:14	MP4	15	70	Music noise: Audible afrobeat live. Environmental sources: Wind, local and distant road traffic noise, buses, pedestrians. Paused: For passing cars.
21:41	MP1	10	67	Music noise: Live band on stage 1, reggae/soul mix of bass and vocals. Environmental sources: Wind, local and distant road traffic noise, buses, pedestrians, pedestrian crossing beeps. Paused: For pedestrian crossing beeps, louder passing vehicles.
22:00	MP3	5	67	Music noise: Tarantula, heavy bass with MCs. Environmental sources: Children on the green chasing each other and laughing local and distant road traffic noise, wind, pedestrians. Paused: For children shouting.
22:33	MP1	15	67	Music noise: Main stage audible. Environmental sources: Strong winds increasing measured LAeq, local and distant road traffic noise, pedestrian crossing, busses. Paused: Nothing.

4.4.4 The measurements for Friday 26th May 2023 show that the measured noise levels at the surrounding NSRs were consistently below the music noise level limits set in the noise management plan.

Saturday 27th May 2023

4.4.5 The meteorological conditions during the event on Saturday 27th May 2023 were mostly sunny, temperatures of 19 to 13 °C and no periods of precipitation. There was a wind from the east up to 4 m/s.

Table 4.2: Measurements and Observations Saturday 27th May 2023

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
12:27	MP3	5	58	Music noise: Steady bass from multiple sources, male vocal from stage 2, synths from stage 4. Environmental sources: Wind, pedestrians, cyclists, local and distant road traffic noise. Paused: Nothing.
12:37	MP4	5	61	Music noise: Steady audible bass beat, quite punchy. Environmental sources: Birdsong, local and distant road traffic noise, pedestrians. Paused: For passing cars.
13:03	MP5	5	56	Music noise: Low level distant bass rumble. Environmental sources: Birdsong, local and distant road traffic noise, pedestrians, busses, cyclists. Paused: For passing cars and busses.
13:25	MP1	5	57	Music noise: Steady audible bass from stages 1 and 2, soulful male vocals from stage 1. Environmental sources: Birdsong, local and distant road traffic noise, aircraft, pedestrians, busses, cyclists, pedestrian crossing, construction work being cleared up. Paused: For passing cars and busses, aircraft and pedestrian crossing.
15:08	MP3	5	62	Music noise: Steady bass from multiple sources, mix of male and female vocals. Environmental sources: Wind, pedestrians, cyclists, local and distant road traffic noise. Paused: Nothing.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
15:24	MP4	5	65	Music noise: Audible bass from stage 4 and 3, more dominant and faster beat from stage 3. Environmental sources: Birdsong, crowd noise from entrance queue, local and distant road traffic noise, pedestrians, cyclists. Paused: For passing cars and pedestrians.
15:38	Colyton Road	2	55	Music noise: Bass audible from stage 3 with levels fluctuating on the wind. Environmental sources: Pedestrians, taxis, birdsong, local and distant road traffic noise. Paused: For multiple passing cars.
15:56	MP5	5	61	Music noise: Audible bass from stage 3 drifting in and out on the wind, with intermittent louder surges. Environmental sources: Community party on the green lots of laughter and shouting, birdsong, local and distant road traffic noise, pedestrians, buses. Paused: For passing cars and busses.
16:20	MP1	5	63	Music noise: Full range audible from Stage 1 heavy bass with fast percussive beat on top. Environmental sources: Birdsong, local and distant road traffic noise, pedestrians, busses, cyclists, pedestrian crossing beeps. Paused: For louder passing cars and Pedestrian crossing.
17:14	Melbourne Grove	5	43	Music noise: Low level distant fast percussion beat with bongos, confirmed with on-site team. Environmental sources: Birdsong, local and distant road traffic noise, wind, rustling leaves. Paused: For passing cars.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
19:11	MP4	5	65	Music noise: Low mids heavy beat from stage 4 with percussion on top, female vocal from stage 3 direction. Environmental sources: Birdsong, crowd noise from stage 4, local and distant road traffic noise, pedestrians, cyclists. Paused: For passing cars and pedestrians.
20:03	Piermont Green side of Uplands Road	15	66	Music noise: Audible bass from multiple sources. Environmental sources: Birdsong, crowd noise from stage 4, local and distant road traffic noise, pedestrians, dogs. Paused: For barking dogs.
20:27	MP4	15	66	Music noise: Loud bass from multiple sources, actions taken. Environmental sources: Birdsong, crowd noise from stage 4, local and distant road traffic noise, pedestrians, cyclists. Paused: For passing cars.
20:52	MP1	5	65	Music noise: Multiple bass and vocal sources, quieter than other positions. Environmental sources: Pedestrians, taxis, birdsong, local and distant road traffic noise. Paused: For passing cars.
21:22	MP1	15	69	Music noise: Headliner live, louder than previous set as expected but controlled to start. Environmental sources: Pedestrians, taxis, pedestrian crossing, local and distant road traffic noise. Paused: For resident asking questions.
21:47	MP3	15	66	Music noise: Vocals synths MCs bass, with stage 1 back under control levels weee fine. Environmental sources: Pedestrians, local and distant road traffic noise, barking dogs. Paused: For barking dog.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
22:08	MP4	5	60	Music noise: Lower level as stage 4 was off but 2 and 3 kept open due to crowd capacity. Environmental sources: local and distant road traffic noise, pedestrians. Paused: For passing cars.
22:20	MP1	10	67	Music noise: Stage 1 vocals with lots of synths. Environmental sources: Cheers, people leaving, taxis. Paused: Nothing.

4.4.6 The measurements for Saturday 27th May 2023 show that the measured noise levels at the surrounding NSRs were consistently below the music noise level limits set in the noise management plan.

Sunday 28th May 2023

4.4.7 The meteorological conditions during the event on Sunday 28th May 2023 were mostly overcast with sunny spells, temperatures of 21 to 13 °C and no periods of precipitation. There was a wind from the east moving to northeast in the evening, up to 5 m/s.

Table 4.3: Measurements and Observations Sunday 28th May 2023

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
12:07	Piermont Green/Upland Road	5	48	Music noise: Audible male vocals over a swing beat, bass from another stage, all low level. Environmental sources: Birdsong, aircraft, distant road traffic noise, pedestrians. Paused: For passing aircraft.
12:15	Piermont Green	5	57	Music noise: Louder than previous measurement but controlled, male vocals over funky beat and soul vocals from a different source (likely the smaller tent). Environmental sources: Wind, rustling leaves, local and distant road traffic noise. Paused: Nothing.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
12:26	MP4	5	59	Music noise: Latin Music with a bouncy bass beat audible, lower level female vocals audible. Environmental sources: Birdsong, aircraft, distant road traffic noise, pedestrians. Paused: For passing cars and aircraft.
12:55	MP5	2	51	Music noise: Low level bass rumble in the distance. Environmental sources: Almost constant traffic, aircraft, cyclists, birdsong, pedestrians. Paused: For passing cars and aircraft.
13:14	MP1	5	56	Music noise: Salsa/Samba style music with quite fast beat, some male vocal shoutouts. Environmental sources: Wind, rustling leaves, local and distant road traffic noise, pedestrian crossing beeps. Paused: For pedestrian crossing beeps.
15:05	MP1	5	62	Music noise: Mix of sources audible, some synths and some bass. Environmental sources: Wind, rustling leaves, local and distant road traffic noise, pedestrian crossing. Paused: For pedestrian crossing beeps.
15:20	MP5	3	58	Music noise: Steady low level bass rumble multiple sources with one faster more dominant beat. Environmental sources: Busses, local and distant road traffic noise, birdsong, cyclists, pedestrians in the park. Paused: For passing cars and buses.
15:45	Colyton Road	3	55	Music noise: Faint rolling bass beat coming and going on the wind. Environmental sources: Strong wind increasing measured LAeq, rustling leaves, local and distant road traffic noise. Paused: For passing cars.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
16:54	MP4	5	67	Music noise: Steady 4 to the floor bass beat dominant source. Environmental sources: Birdsong, aircraft, distant road traffic noise, pedestrians, crowd noise from entrance queue. Paused: For passing cars and aircraft.
16:14	MP3	5	64	Music noise: Stage 2 percussive beat with congas, some very loud 40 Hz surges, -2 dB on all aspects of system at 40Hz stage 2. Environmental sources: Strong wind increasing measured LAeq, rustling leaves, local and distant road traffic noise, chainsaw in garden. Paused: For chainsaw and pedestrians.
16:40	MP1	5	65	Music noise: Fast live bass beat from stage 1 and the a jumble of bass from the far side of the site. Environmental sources: Strong wind increasing measured LAeq, rustling leaves, local and distant road traffic noise, pedestrian crossing. Paused: For pedestrian crossing beeps.
17:10	MP3	10	66	Music noise: Steady audible bass from a mixture of stages 2, 3 and 4, stage 2 dominant. Environmental sources: Strong wind increasing measured LAeq, rustling leaves, local and distant road traffic noise. Paused: Nothing.
17:28	MP4	10	66	Music noise: Strong bass beats from stage 2, 3 and 4. Environmental sources: Strong wind increasing measured LAeq, rustling leaves, local and distant road traffic noise, pedestrians. Paused: For passing cars.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
17:56	MP1	10	66	Music noise: Vocals, strings and bass from stage 1, mix of other bass beats from the site. Environmental sources: Strong wind increasing measured LAeq, rustling leaves, local and distant road traffic noise, pedestrians, pedestrian crossing. Paused: For residents talking.
19:17	Piermont Green	7	69	Music noise: Multiple stages audible, flutes, vocals, bass subjectivity lower than earlier. Environmental sources: Strong Wind inflating levels, Rustling leaves, LRTN, DRTN, Children playing and screaming on the green Paused: Nothing.
19:29	Upland Road	5	58	Music noise: Mix of vocals and guitar solos, pop/party music. Environmental sources: Aircraft, light wind, distant road traffic noise, pedestrians. Paused: For pedestrian.
19:43	MP1	10	65	Music noise: Dance/party music female vocals from stage 1, mix of sounds from other stages. Environmental sources: Strong wind increasing measured LAeq, rustling leaves, local and distant road traffic noise, pedestrians, pedestrian crossing. Paused: For pedestrian crossing beeps.
20:04	Abacus House	15	73	Music noise: Stage 2 very synth and HF heavy, bass and muffled vocals from stage 4. Environmental sources: Strong wind increasing measured LAeq, local and distant road traffic noise, buses. Paused: For louder passing vehicles.
20:31	MP4	10	68	Music noise: Synths, trumpets, bass from multiple stages. Environmental sources: Strong wind increasing measured LAeq, local and distant road traffic noise, birdsong. Paused: For residents talking.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
20:50	MP4	5	67	Music noise: Audible male vocals, synths, multiple bass beats. Environmental sources: Strong wind increasing measured LAeq, local and distant road traffic noise, birdsong. Paused: For residents talking.
21:09	MP4	5	66	Music noise: As previous, - 2 dB stage 2 delays and stage 3. Environmental sources: Strong wind increasing measured LAeq, local and distant road traffic noise, birdsong. Paused: Nothing.
21:27	MP5	2	55	Music noise: Low level bass beat with very faint vocals. Environmental sources: Aircraft, light wind, local and distant road traffic traffic noise, pedestrians. Paused: For passing cars.
21:39	MP1	5	67	Music noise: Female vocals ,synths over steady bass beat. Environmental sources: Strong wind increasing measured LAeq, rustling leaves, local and distant road traffic noise. Paused: Nothing.
21:49	Abacus House	5	72	Music noise: Metalic clanging sound over a fast bass beat, disco vocals from stage 4. Environmental sources: Strong wind increasing measured LAeq, local and distant road traffic noise, crowd singing from stage 3. Paused: Nothing.
21:56	MP3	5	65	Music noise: Funk/Jazz beat with synths and flutes on top from stage 4, same beat from stage 2. Environmental sources: Strong wind increasing measured LAeq, local and distant road traffic noise, crowd cheers. Paused: For residents talking.

Time	Location	Duration (T), minutes	Broadband $L_{Aeq,T}$, dB	Comments
22:14	MP1	15	65	Music noise: Funky party style music with trumpets and saxes etc over up-tempo bass line. Environmental sources: Strong wind increasing measured LAeq, local and distant road traffic noise, people leaving the festival. Paused: For residents and passing pedestrians.

4.4.8 The measurements for Sunday 28th May 2023 show that the measured noise levels at the surrounding NSRs were consistently below the music noise level limits set in the noise management plan.

5 Complaints

5.1.1 Table 5.1 details the noise complaint received during the event through the GALA Festival ran community hotline or email; and the actions taken.

Table 5.1: Summary of Complaints

Date and Time Received	Location	Comments
26/05/2023 12:50	Upland Road, SE22 0DB	Person called to say they are working from home and the noise from site (currently sound checks) is intolerable. There are also other factors which mean they are very upset about the noise. During sound checks there was not enough consistent noise to take accurate readings, however when visited, the road seemed very quiet. Frequent readings taken throughout the day from nearby Friern Road.
26/05/2023 18:30	Piermont Road, SE22 0LN	Person called to say it is too noisy. Noise measurements within limits. Adjustments had been made to the low frequencies a short while before the recording, which may have helped.
26/05/2023 18:35	Friern Road	Person said it was too noisy at their location. Frequent readings taken throughout the day.
26/05/2023 19:15	Colyton Road, SE22 0NE	Person noted it was very loud at their flat. They asked if we were checking noise levels above ground level. Noise team attended at 19:30, spoke to the resident. Measurement started at 19:36. Measurement showed we were within noise limits.
26/05/2023 21:55	Colyton Road	Person complaining about noise levels on their road complaining that items in their house were shaking from the bass. A 15-minute measurement was taken at 21:12 from Colyton Road which showed we were within noise limits. The FOH monitoring kit at stage 4 shows that levels remained consistent.

Date and Time Received	Location	Comments
26/05/2023 22:19	Melbourne Grove, SE22 8SA	Call from council to state that they had received a complaint from a resident who called at 21:15. They said they had heard music throughout the day, decided to follow it, convinced it was GALA. By the time we received the complaint, it was too late to action anything for Friday, however, the noise team continued to check that location throughout the remainder of the weekend.
27/05/2023 19:37	Upland Road, SE22 0DB	The caller complained that the music is too loud. Noise team were currently in them middle of a phased turndown as levels were subjectively louder than they were earlier. A measurement showing we were within noise limits was taken at 20:03 which was after the adjustments had been made.
27/05/2023 21:32	Upland Road (Piermont Green end)	Person called to say they had called previously and the sound was getting louder. A guest engineer went above the set FOH level limits. This was quickly rectified and noise management team worked their way around the 3 complaints and recorded that we were within noise limits. For clarity, we did not breach the noise limits as the situation was quickly resolved.
27/05/2023 21:38	Piermont Green	Person left a voicemail to complain about noise. Called them back and they said they had got home having been away from the house for 90% of the festival so far and it was very loud. A guest engineer went above the set FOH level limits. This was quickly rectified and noise management team worked their way around the 3 complaints and recorded that we were within noise limits. For clarity, we did not breach the noise limits as the situation was quickly resolved.

Date and Time Received	Location	Comments
27/05/2023 21:39	Friern Road	Resident came out of property to speak to Noise Team to say the music has gotten noticeably louder. A guest engineer went above the set FOH level limits. This was quickly rectified and noise management team worked their way around the 3 complaints and recorded that we were within noise limits. For clarity, we did not breach the noise limits as the situation was quickly resolved.
28/05/2023 12:01	Upland Road (Piermont Green end)	Asked to check noise complaint at Upland Road, Piermont Green side. Noise team have taken two measurements to try cover this area, one in front of 5 Piermont Green and the other where Piermont Road and Upland Road intersect. Noise levels are within limits at both locations.
28/05/2023 18:30	Upland Road (Piermont Green end)	Asked for noise levels to be monitored again. Noise levels were measured at the location and were within noise limits.
28/05/2023 18:39	Upland Road	Person asked for noise levels to be monitored outside their property. They are very upset and feel it unfair that they cannot sit outside in their garden without hearing music. They are under the impression that our readings could not possibly be accurate. Noise team attended the address to take a reading and took another reading at Piermont Green, which is in front of the property and closer to the festival. Both measurements were within the noise limits.

Figures

Google Earth ©2023 Google

Monitoring Positions

MP 1	Parklands
MP 2	Dukes Court
MP 3	St Aiden's Road
MP 4	Colyton Road
MP 5	Rye Hill Park

REV	DATE	D	R	DESCRIPTION
0	03/07/2023	RB	RM	Issue

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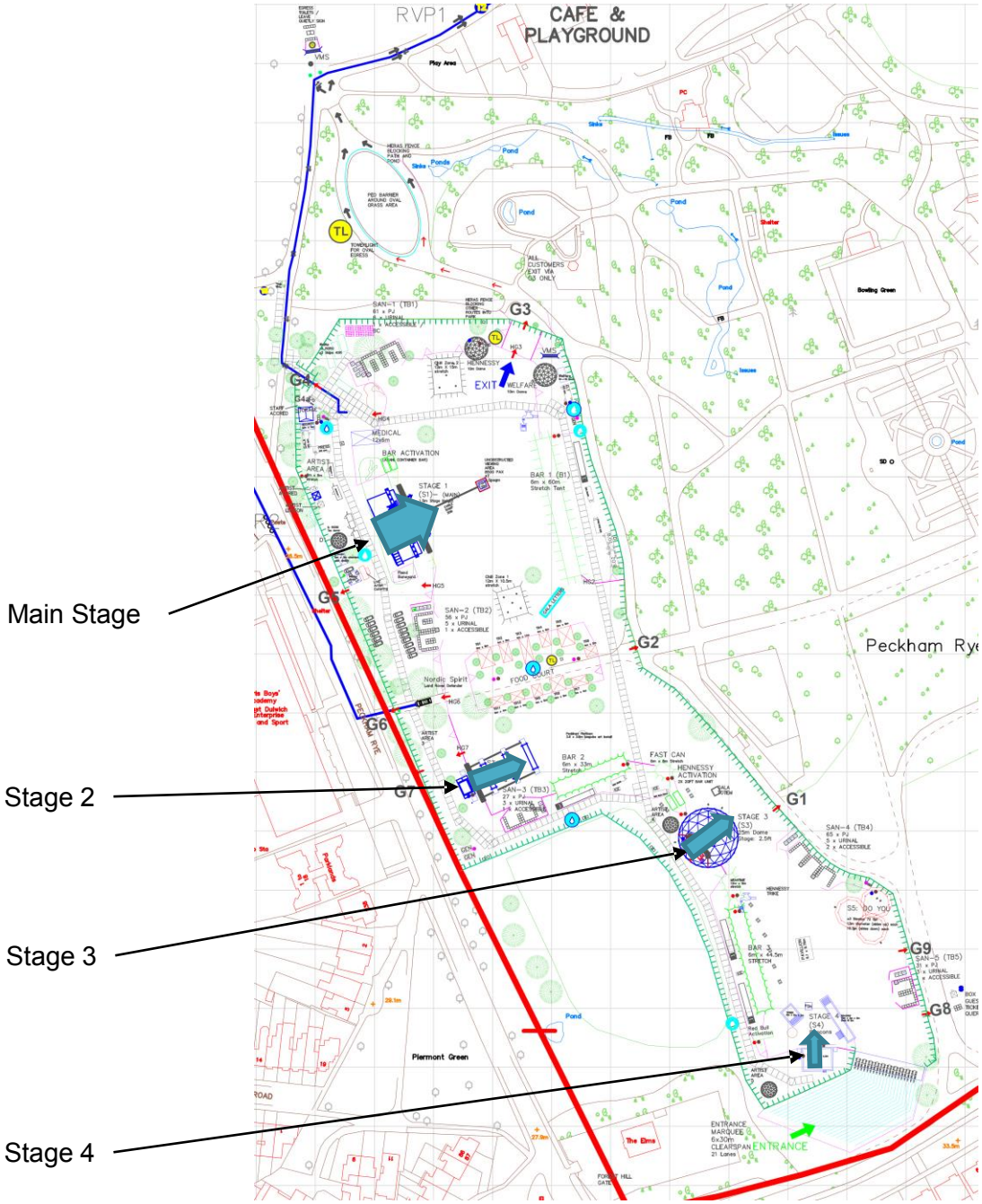
PROJECT:	GALA 2023 – Sound Control Post Event Report
CLIENT:	We Are The Fair Ltd
TITLE:	Site Location and Nearest NSRs
DATE:	03/07/2023
REVISION:	0
SCALE:	Not to scale.
DRAWING NO:	1770/PER/1/0
FIGURE NO:	1
DRAWN BY:	[redacted]
REVIEWED BY:	[redacted]



Key

Sound system location and direction

REV	DATE	D	R	DESCRIPTION
0	03/07/2023	RB	RM	Issue

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PROJECT:	GALA 2023 – Sound Control Post Event Report
CLIENT:	We Are The Fair Ltd
TITLE:	Site Plan
DATE:	03/07/2023
REVISION:	0
SCALE:	Not to scale.
DRAWING NO:	1770/PER/2/0
FIGURE NO:	2
DRAWN BY:	[redacted]
REVIEWED BY:	[redacted]

Appendices

Appendix A

Glossary of Acoustic Terms

Noise is defined as unwanted sound. The range of audible sound is from 0 dB to 140 dB. The frequency response of the ear is usually taken to be about 18 Hz (number of oscillations per second) to 18,000 Hz. The ear does not respond equally to different frequencies at the same level. It is more sensitive in the mid-frequency range than at the lower and higher frequencies, and because of this, the low and high frequency component of a sound are reduced in importance by applying a weighting (filtering) circuit to the noise measuring instrument. The weighting which is most used and which correlates best with the human subjective response to noise is the A-weighting. This is an internationally accepted standard for noise measurements.

The ear can just distinguish a difference in loudness between two noise sources when there is a 3 dB difference between them. Also, when two sound sources of the same noise level are combined the resultant level is 3 dB higher than the single source. When two sounds differ by 10 dB one is said to be twice as loud as the other.

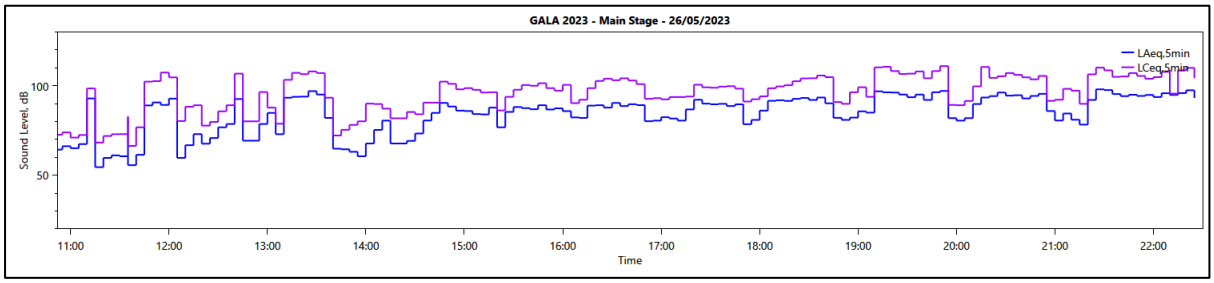
The subjective response to a noise is dependent not only upon the sound pressure level and its frequency, but also its intermittency. Various indices have been developed to try and correlate annoyances with the noise level and its fluctuations. The indices and parameters used in this report are defined below:

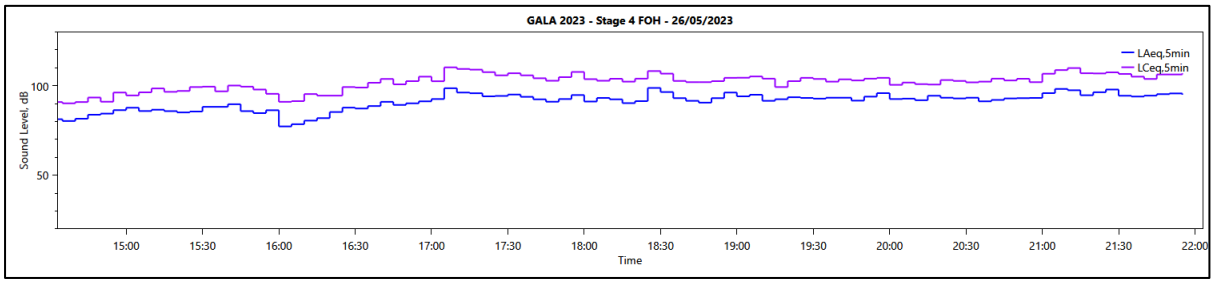
- **Background Noise Level** – The prevailing sound level at a location, measured in terms of the $L_{A90,T}$, on an equivalent day and at an equivalent time when no concert or sound checks are taking place.
- **dB(A)** – The A-weighted sound pressure level whereby various frequency components of sound are weighted (equalized) to reflect the way the human ear responds to different frequencies.
- **L_{Aeq}** – The equivalent continuous sound pressure level which at a given location over a given period of time contains the same A-weighted sound pressure level of a steady sound that has the same energy as the fluctuating sound under investigation.
- **$L_{AN,T}$** – The A-weighted sound level exceeded for N% of the measurement period (T).
- **Music Noise Level (MNL)** – The L_{Aeq} of the music noise measured at a particular location.
- **Noise Consultant** – A person given responsibility by the organiser of the event for monitoring noise levels in accordance with the prevailing conditions, and who has the ability and authority to make decisions and implement changes in noise level during the event.

Appendix B

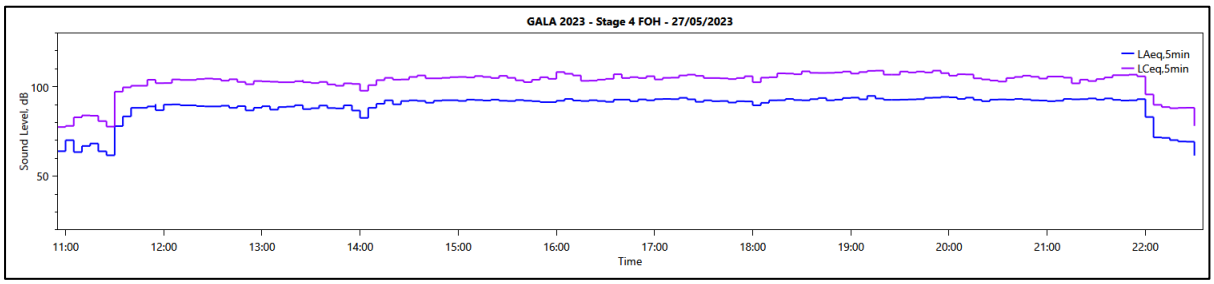
On-site Music Noise Level Monitoring

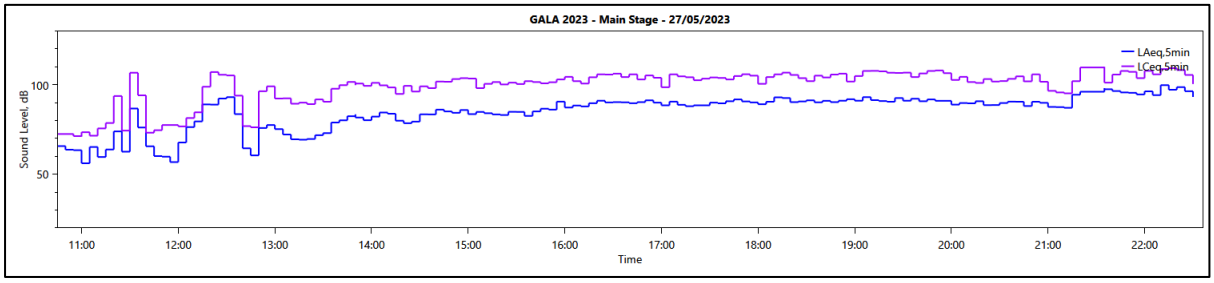
Friday 26th May 2023





Saturday 27th May 2023





Sunday 28th May 2023