

# THE DOWNS COMMITTEE

Clifton and Durdham Downs (Bristol) Act 1861

Reply to Oliver Harrison

To : Members of the  
Downs Committee

Telephone

E-mail

Date

oliver.harrison@bristol.gov.uk

Friday, 14 January 2022

## The Lord Mayor and 6 City Councillors

The Rt. Hon. The Lord Mayor Councillor Steve Smith  
Councillor Jos Clark                      Councillor Geoff Gollop  
Councillor Paul Goggin                  Councillor Katy Grant  
Councillor Philippa Hulme              Councillor Paula O'Rourke

## The Master and 6 Merchant Venturers

David Freed (Master)  
Jonathon Baker                              Mike Bothamley  
Mark Burchfield                              Gillian Camm  
Patrick Despard                               Peter Rilett

Dear Member,

You are invited to attend a meeting of the **Downs Committee** to be held at **2.00 pm on Monday, 24th January, 2022 at City Hall, College Green, Bristol, BS1 5TR.**

The agenda for the meeting is set out overleaf and the supporting documents are attached.

Yours sincerely,

OH

Oliver Harrison

## Agenda

### Democratic Services Section

3rd Floor Deanery Wing  
City Hall PO Box 3399  
College Green,  
Bristol BS1 9NE

### Website

[www.bristol.gov.uk](http://www.bristol.gov.uk)

**1. Welcome, Introductions and Safety Information**

**2. Apologies for absence**

**3. Declarations of interest**

To note and Declarations of Interest raised by Councillors.

**4. Minutes of last meeting (Pages 4 - 9)**

**5. Action Tracker (Page 10)**

**6. Matters Arising From the Events and Finance Group (Pages 11 - 14)**

**7. Public Forum**

To consider items of Public Forum sent to the Downs Committee. Interested parties can submit a written statement of approximately one side A4 to the Downs Committee by sending it to Democratic Services by no later than 12pm Friday 21 January.

**8. Downs Management Report**

Report to follow.

**9. Downs Education Report (Page 15)**

**10. Events Report (Pages 16 - 38)**

**11. Finance Update**

Report to follow.

**12. Any Other Business**

**13. Date of Next Meeting**

The next meeting is scheduled to be held on Monday 21 March in City Hall

Oliver Harrison, Democratic Services Officer  
Email: [democratic.services@bristol.gov.uk](mailto:democratic.services@bristol.gov.uk)  
Phone:

# Bristol City Council

## Minutes of the Downs Committee

15 November 2021 at 2.00 pm



### Members Present:-

**Councillors:** Steve Smith (Chair), Jos Clark, Geoff Gollop, Katy Grant, Philippa Hulme, Paula O'Rourke, David Freed (Vice-Chair), Jonathon Baker, Mike Bothamley, Patrick Despard, David Powell and Peter Rilett

### Officers in Attendance:-

Stefan Edwards (Events Officer), Kevin Jay and Ben Skuse

## 1 Welcome, Introductions and Safety Information

The Chair led introductions and read out the safety information.

## 2 Apologies for absence

Apologies were received from Gillian Camm and Paul Goggin.

## 3 Memberships for 2021/2022

David Powell (Merchant Venturers) has stepped down and will be replaced by Mark Burchfield.

RESOLVED the Downs Committee membership for 2021/22 was NOTED.

## 4 Chairing Arrangements

RESOLVED: the appointment of David Freed as Master of the Society of Merchant Venturers and Vice-Chair of the Downs Committee was NOTED.

## 5 Retiring Members

David Powell is stepping down from the committee so should be added to this list.



RESOLVED: the retirement of members of the Downs Committee was NOTED and a letter thanking them for their past service will be sent by the Clerk to the committee.

## **6 Dates and Times of Future Meetings**

RESOLVED: the Downs Committee meeting dates for 2021/22 were NOTED.

## **7 Delegations**

RESOLVED

- (1) The Committee re-established the Events and Finance Sub-Group.
- (2) The Committee agreed to set up Task and Finish Groups as necessary for other areas of work.
- (3) The Committee noted the continuation of the Strategy and Governance Task and Finish Group.

## **8 Action Tracker**

The action tracker was NOTED.

## **9 Minutes of last meeting**

There are four new Bagot goats, not six as indicated.

RESOLVED the minutes of the previous meeting on 20 September 2021 are agreed as a correct record.

## **1 Declarations of interest**

**0**

Cllr Geoff Gollop declared an interest as a member of FODAG, Respect the Downs and provides services for Jonathan Baker.

## **1 Public Forum**

**1**

The following public forum statements were NOTED:

01. Friends of the Downs and Avon Gorge (in person)
02. Downs for People (in person)

## **1 Downs Management Report**

**2**



The Parks Supervisor introduced the report and highlighted the following points:

- The autumn period enables the maintenance team to concentrate on their core duties without spending so much time tackling litter.
- Football pitches are being used twice weekly for football, which means more maintenance is required. However, recent good weather has left the ground in good condition.
- In Clifton playground, the team has added a large amount of bark to mitigate flooding. A longer-term service improvement plan needs implementing for the play area to keep it useable.
- Lots of leaf clearance required, which is being mixed into soil for better nutrient value.
- There was some minor damage in the Sea Walls area due to an oil spill during the Team Love event. This has been remedied and markings are now just cosmetic.
- At the Circus Site a skip has been installed in an awkward area meaning it is difficult to remove.
- The Water Tower site is damaged. It is drying out due to good weather but needs more remedial action and a long-term solution.
- The team will be installing some memorial benches on the Downs. Queries about benches can be addressed to the supervisor.

Discussion Notes:

- If event organisers can install a skip on site at the start of the event there is an expectation that they remove it afterwards.
- There was a discussion about more permanent solutions at the Clifton Play Area. It is too wet now to install the long-term drainage required. The additional bark will be sufficient until site modifications in spring. These are expensive, but POR has received pledges and will apply for grant funding.
- The Committee thanked POR for her work on the playground. It shows that crowdfunding for projects can work, which saves BCC funds for other areas.

## 1 Education Update

3

The Avon Gorge & Downs Biodiversity Education Manager introduced the report and highlighted the following points:

- The project worked with fewer people than usual due to the Covid situation, which limited number of events, their type and capacity. Usually at this time of year major talks are organised, but they haven't run any this year as they felt it would be unsafe.
- There have been 3 guided walks and two courses which have received very good feedback. The October half-term children's event had to be cancelled due to covid.
- There were 9 education sessions for school groups based on autumn wildlife. These went well due to good weather. The team were present at the University of Bristol student welcome fair to promote the wildlife of the Avon Gorge and Downs, the work of the project and to sign up volunteers.



- The “Your Downs” engagement project met to review progress. They have agreed to run guided walks on the Downs for one of the Nordic Walking groups who work with older, isolated people aged 70 – 90. The Nature in the streets project for young people has been postponed due to covid issues and moved to spring 2022.
- The Avon Gorge and Downs learning and engagement officer finishes a 6-month contract next week. She has created 4 new educational, downloadable ‘Activity of the month’ resources for the ‘Kids Zone’ section of the project website. The team thanked the committee for funding this role and a new engagement officer starts in March 2022.
- There was an update on the Bristol Zoo move to the Wild Place. The current entrance to the zoo is planned for conversion into a café and education space for the Avon Gorge and Downs Wildlife Project.

## 1 Events Report

4

The Events Officer introduced the report and highlighted the following points:

- There have been two events held since the last meeting, the University welcome event and the Circus. Both events were well managed. There were some issues with parking around the student event and a plan has been developed to improve this next year.
- The committee requested a full grid of proposed events, which is included in the report pack. Please note that the dates are provisional and the Events and Finance Group will work through the details.
- The committee also requested a summary of complaints, which is included.

Discussion notes:

- Members were concerned about the number of official complaints for Love Saves the Day and that the number of informal complaints was likely higher. The committee has a responsibility to not alienate residents.
- The events team has received a letter from organisers to send to residents. This can be forwarded to the committee members (ACTION). There is also an engagement meeting with residents next Wednesday.
- The same event is unlikely to happen again. Love Saves the Day is planning a move to Ashton Court, subject to approval and negotiation.
- The recent strategy engagement meeting held at city hall highlighted the public appetite for a greater variety of events. The Strategy and Governance group will be meeting on 13 December to discuss this and other issues.
- The BCC web team are currently working with the events team to have the confirmed Downs event schedule on the BCC website (ACTION).

## 1 Finance Update

5



The finance officer introduced the report which was noted.

Discussion notes:

- There has been a minor improvement in forecast due to recent successful music events.
- The Circus have paid their event fees. We are waiting for a final estimate of fees for Breaking Bread based on last month's income. This will be brought to the Events and Finance group and will be paid end November.

## **1 Ice Cream Tenders**

**6**

The parks officer introduced the report and highlighted the following points:

- BCC has been working to tender ice cream concessions across the city. It has proved difficult to sell pitches because of lockdown related issues and economic uncertainty.
- BCC is choosing to extend its current contracts by a year. The Downs Committee is asked whether it wishes to do likewise.
- Suppliers have not directly approached the team yet, but they have requested extensions to contracts they hold elsewhere. Officers are confident they will accept.

RESOVLED: Committee extends current ice-cream contracts by one year.

## **1 Any Other Business**

**7**

- Planning permission for the proposed Sea Walls Café expires in 2022, the committee is requested to renew this. We are currently awaiting approval from the Secretary of State, which was submitted in February 2021.
- The costs for renewal are minor. The Downs Act is open to interpretation on this subject and we have been asked by BCC as the landowner to investigate the legality. A cautious approach is best to avoid future challenges.

RESOLVED: planning permission for Sea Walls Café is to be renewed.

- Members asked what the current process is for the approval and installation of memorial benches. These can be referred to Ben Skuse, although there is a limit to how many can be installed.
- There was a discussion about the recent approaches to the Committee from Downs for People and the need for a robust legal response.

## **1 Date of Next Meeting**

**8**



The next meeting is scheduled to be held on Monday 24 January in City Hall.

Meeting ended at 4.00 pm

**CHAIR** \_\_\_\_\_





# Agenda Item 5

## ACTION TRACKER – FOR DOWNS COMMITTEE 24 JANUARY 2022

<b>Date of Meeting</b>	<b>Action Description</b>	<b>Holding Action</b>	<b>Deadline for Completion</b>	<b>Action Taken</b>
15 Nov	Forward letter from Team Love to residents to the committee	SE	24 Jan	
15 Nov	Upload events schedule to BCC website	SE	24 Jan	
15 Nov	Send letter of thanks to retiring members	OH	24 Jan	

## **Downs Committee Notes of Events & Finance Sub Group Meeting 22 November 2021**

### **Members:**

David Freed (Master and Chair)  
MV Jonathon Baker  
Councillor Jos Clark  
Councillor Geoff Gollop  
Councillor Paula O'Rourke  
MV Peter Rilett

### **Bristol City Council Officers:**

Kevin Jay – Finance  
Stefan Edwards – Events Officer  
Ben Skuse – Grounds Supervisor  
Oliver Harrision – Democratic Services

### **Apologies:**

MV Patrick Despard  
Councillor Paul Goggin

### **1. Minutes of Previous Meeting**

Minutes of the previous meeting 25<sup>th</sup> August 2021 were agreed as a correct record.

### **2. Finance Update**

The Finance Officer presented their report and highlighted the following points:

- There was a total overspend of around £273k
- An additional gardener post has been allocated to the budget. This cost is offset by the Department of Work and Pensions (DWP) kickstart scheme.
- There were additional cleaning costs due to the ongoing Covid19 pandemic.
- Costs for managing travellers on the Downs and additional maintenance were other reasons for the overspend.

### **Discussion Notes:**

- Members discussed the shortfall in the budget and considered the loss of income from zoo parking. Members expressed hope that events could cover this loss.
- Members recognised that Bristol City Council (BCC) would pay the deficit but that the Committee should strive to fill it. In any case it was agreed that BCC should be made aware of the deficit.

- There is a business rates charge on the accounts for properties on the Downs. BCC will not be charging this year. Members asked for a permanent settlement for business rates.
- Covid grants are held centrally by the Council. The Downs Committee overspend will hit the BCC parks budget and Covid grants will be used to mitigate the impact. Members expressed their desire that Covid grants be given to DC 'above the line' to show a better outturn for the committee but understood that 'below the line' was the BCC standardised approach and that all departments were likely to show a deficit.
- It was confirmed that a net zero budget was an ambition for the committee, but this was unlikely to be achieved given financial pressures on the Downs.
- The Downs and BCC budget processes are currently unaligned, KJ is trying to get them to follow the same process.

### **3. Events Report Update**

The Events officer presented their report and highlighted the following points:

- The early closure of the Breaking Bread event had led to lost income in September.
- There were issues with parking and traffic management at Student Union and Foodies events. Officers assured the Committee that this was being learned from.
- Love Saves the Day was well received and had higher than anticipated attendance.

Discussion Notes:

- The Committee discussed Team Love events at Sea Walls, which may be the only viable location for this but would need to be balanced with other concerns.
- Members understood that noise complaints had been received from residents, but that noise was within legal limits. There was a discussion about an expansion in the size of these events, but it was recognised that further consultation would be needed.
- There was a discussion on the appropriate level of fees for events.
- The Committee discussed the installation of a power point at Sea Walls to support events and concessions. Officers confirmed that they were working on this.

### **4 Proposed meeting dates for 2022**

The proposed meeting dates for the Events and Finance Group meetings in 2022 were agreed.

### **5 Any Other Business**

None.

# Queens Green Canopy

[www.queensgreencanopy.org](http://www.queensgreencanopy.org)

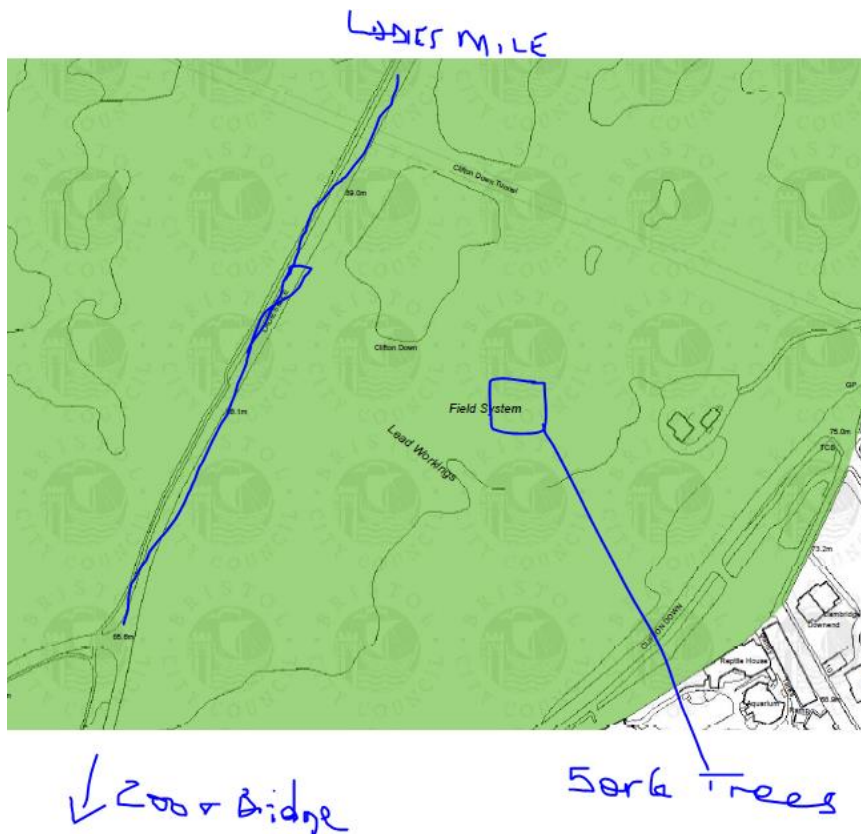
The following proposal was approved at the Downs Events and Finance Group meeting of Wednesday 12 January. The recommendation is that this proposal be APPROVED by the Downs Committee with a suggested budget of below £1500.

Deputy Lord-Lieutenant Chris Curling has approached the Downs Committee to find some space on the Downs to plant trees to mark:

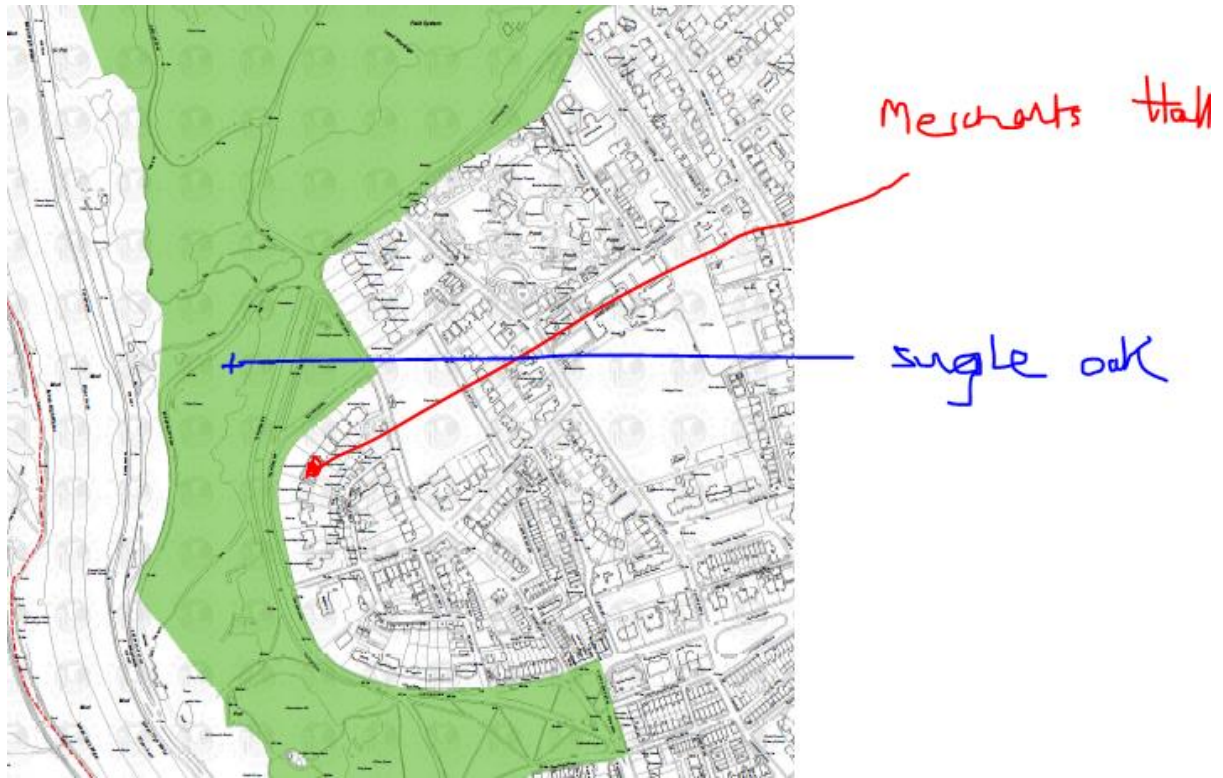
1. The Queens platinum Jubilee
2. The Green canopy Project.

Jonathan Baker has consulted with Francis Greenacre and Ben Skuse, who have developed the following two ideas.

**The first** is a circle of 5 or 6 trees, of a type to be agreed with input from Mandy Leivers and others, at the location marked on the map below, off Ladies Mile.



The **second** is a single tree, hopefully planted by a member of the Royal Family (who have not yet been approached) between the tree for the Coronation of Edward VII and one planted in 2002 for HM Queen's Golden Jubilee



## **Summary of activities of the Avon Gorge and Downs Wildlife Project education programme**

### **Officer Presenting Report: Mandy Leivers, Avon Gorge and Downs Biodiversity Education Manager**

Normally, at the January meeting of Downs Committee Becky Belfin (Bristol City Council Nature Conservation Officer and co-ordinator of the Avon Gorge & Downs Wildlife Project) and Mandy Leivers (Avon Gorge & Downs Biodiversity Education Manager) present an Avon Gorge & Downs Wildlife Project annual review. Unfortunately, Mandy contracted covid at the very end of November and has been too ill to pull the review together. We will therefore bring a report to the March meeting instead.

Due to Mandy being unwell, many of the planned activities had to be cancelled however here's an update on some of the work that did go ahead:

### **Avon Gorge and Downs Wildlife Project events programme**

The events programme for spring 2022 was finalised, designed by the Bristol Zoological Society Graphics Team and printed. Moving away from payment for events by cheques and cash, the bookings are going online and by payment over the phone. Bookings will be handled by the Zoo Bookings Team with Mandy sending out the joining instructions closer to the time of each event. Either an email and pdf of the programme, or a copy of the printed events programme, was sent out to 2,200 people on the mailing list.

### **Higher education group session**

Final year South Gloucestershire and Stroud College students, on the BSc Zoological Management and Conservation course, came to the Downs for a session on bird ringing. Mandy supported licensed bird ringer, Ed Drewitt, as he taught the session which was part of the students' module on Management of Birds for Conservation. Mandy talked to the students about the wildlife importance of the Avon Gorge and Downs and about the work of the project.

The students' tutor, Debbie Berry, commented, *"The session with Ed and Mandy on the Downs was such a valuable opportunity to see first-hand the vitally important conservation work that goes on right on our doorstep here in Bristol.*

*The demonstration of techniques used to carefully catch, ring and record data on the wild bird population, consolidated the theory taught in class, and enabled the students to experience a bit of field work for themselves and become familiar with techniques they may go on to learn and use in their own careers.*

*Listening to the conversations of my students on the way back to class, I can confidently say the session genuinely inspired and motivated them, and generated lots of considered questions and discussion back in class".*

### **Clifton Conservation Hub**

When Bristol Zoo closes the Clifton site and relocates to Wild Place, the plan is for the main entrance building to become the Clifton Conservation Hub. The Avon Gorge & Downs Wildlife Project education team will be based there, along with a café and an exhibition about the history of the Zoo. Mandy has taken part in a number of meetings to plan how the building could be used and laid out.

# Downs Committee - 24<sup>th</sup> January 2022

## Events Update

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### Events that have taken place since last Downs Committee

No events have taken place since the last committee meeting.

### Upcoming Events - 2022

The following events have expressed their intension to return to the Downs in 2022 (subject to site permissions). Note: these are the dates the events are 'live' there will be build and break period either side of each event. The March for Men event proposed for 11<sup>th</sup> June have decided they won't be operating in 2022, but hope to return from 2023 onwards. Fees for these events were agreed at the last Events and Finance meeting.

April	May	June	July	August	September	October
Funderworld 1 <sup>st</sup> April – 2 <sup>nd</sup> May						
	Foodies Fest 20 <sup>th</sup> –22 <sup>nd</sup> May					
		Jubilee Beacon 2 <sup>nd</sup> June				
		Comedy Garden 15 <sup>th</sup> -19 <sup>th</sup> June				
		Race for Life 25 <sup>th</sup> -26 <sup>th</sup> June				
			Cycle Sunday 3 <sup>rd</sup> July			
			Pride 9 <sup>th</sup> July			
				Adventure Cinema 5 <sup>th</sup> –7 <sup>th</sup> August		
					Downs Concerts (new name TBC) 2 <sup>nd</sup> –4 <sup>th</sup> September	
					Student Union event 23 <sup>rd</sup> - 24 <sup>th</sup> September	
					Circus 27 <sup>th</sup> September – 16 <sup>th</sup> October	

**Complaints relating to events on the downs**

Since the last meeting, no new complaints have been received via the official council complaints system. We continue to be mindful of resident feedback when planning events on the downs. As requested at a previous meeting, the independent sound report relating to Love Saves The Day has been included as an appendix to this report.






**TDR Ltd**



**The Downs Bristol  
Friday 3<sup>rd</sup> to Sunday 5<sup>th</sup> September 2021  
Sound Measurement Report**

**October 2021**



<b>Prepared by:</b>	David Leversedge	Director		29/10/21
<b>Reviewed &amp; checked by:</b>	Sarah Kingsmill	Director		29/10/21
<b>Authorised by:</b>	David Leversedge	Director		29/10/21
<b>Date of issue:</b>	29/10/21			
<b>Revision:</b>	1			
<b>Project number</b>	1323			

Revision History				
Rev	Date	Status	Reason for revision	Additional comments
0	08/09/21	Draft		
1	29/10/21	Final	Client's approval. Redacted to remove address of complainant	

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**Aria Acoustics Limited, Windlesham Cottage, College Hill, Steyning, West Sussex, BN44 3GB**

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- Chart 2.2:** Front of house measurements Central Stage Friday 3<sup>rd</sup> September 2021
- Chart 2.3:** Front of house measurements Paradiso Stage Friday 3<sup>rd</sup> September 2021
- Chart 2.4:** Front of house measurements Main Stage Saturday 4<sup>th</sup> September 2021
- Chart 2.5:** Front of house measurements Central Stage Saturday 4<sup>th</sup> September 2021
- Chart 2.6:** Front of house measurements Paradiso Stage Saturday 4<sup>th</sup> September 2021
- Chart 2.7:** Front of house measurements Brouhaha Stage Saturday 4<sup>th</sup> September 2021
- Chart 2.8:** Front of house measurements Main Stage Sunday 5<sup>th</sup> September 2021
- Chart 2.9:** Front of house measurements Central Stage Sunday 5<sup>th</sup> September 2021
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### Tables

- Table 2.1:** Off site measurements Friday 3<sup>rd</sup> September 2021
- Table 2.2:** Off site measurements Saturday 4<sup>th</sup> September 2021
- Table 2.3:** Off site measurements Saturday 5<sup>th</sup> September 2021

## Figures

**Figure 1:** Site Plan Friday 3<sup>rd</sup> September 2021

**Figure 2:** Site Plan Saturday 4<sup>th</sup> and Sunday 5<sup>th</sup> September 2021

**Figure 3 :** Measurement locations

**Figure 4 :** Measurement locations at 1 km from the site (from Bristol City Council)

# 1. Introduction

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- 1.1 Aria Acoustics Limited (Aria) was appointed by TDR Ltd. to provide noise management and monitoring at three event days staged on Bristol Downs on Friday 3<sup>rd</sup>, Saturday 4<sup>th</sup> and Sunday 5<sup>th</sup> September 2021. The event held on Friday 3<sup>rd</sup> September featured Idles as the headline act. Love Saves The Day festival was staged on Saturday 4<sup>th</sup> and Sunday 5<sup>th</sup> September 2021.
- 1.2 This report presents the sound measurements that were made both on and off site during the event.
- 1.3 Site plans for all of the days are provided as Figures 1 and 2 and the primary measurement point locations are shown in Figures 3 and 4.
- 1.5 A glossary of noise terms is provided as Appendix A to assist the reader.

## 2. Sound Measurements

- 2.1 Front of house measurements were made with a NTi XL2 sound level meters (SLMs) set-up to measure slow time-weighted noise metrics.
- 2.2 For the other off-site and on-site noise measurements using a Rion NL52 Class 1 SLM serial number 810352 . The SLM was set-up to record fast time-weighted noise metrics.
- 2.3 All instrumentation was checked for calibration using a Rion NC-74 calibrator (serial number 35015345) both prior to and immediately following the noise measurements to ensure that no significant drift had occurred over the survey period. All instrumentation was within the manufacturers' periods of calibration. Calibration certificates are available on request.
- 2.4 Meteorological conditions were monitored during the event. On Friday and Saturday the weather was dry and sunny with an average temperature of 21-22°C and a light breeze from the south-east. On Sunday conditions were similar but with more cloud cover. Meteorological conditions are not considered to have affected the monitoring results.

Chart 2.1: Front of house measurements Main Stage Friday 3<sup>rd</sup> September 2021

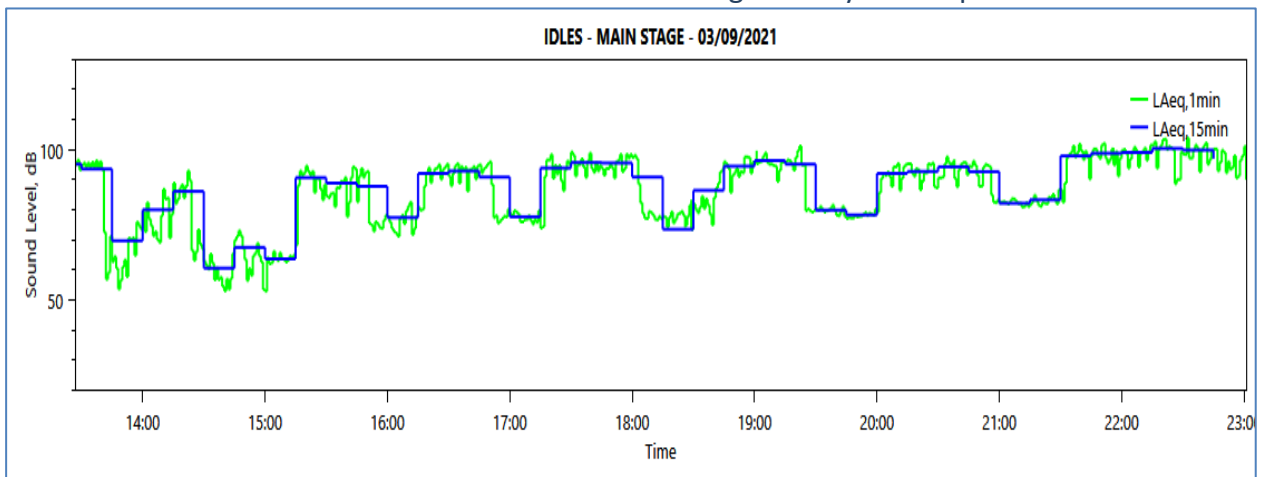


Chart 2.2: Front of house measurements Central Stage Friday 3<sup>rd</sup> September 2021

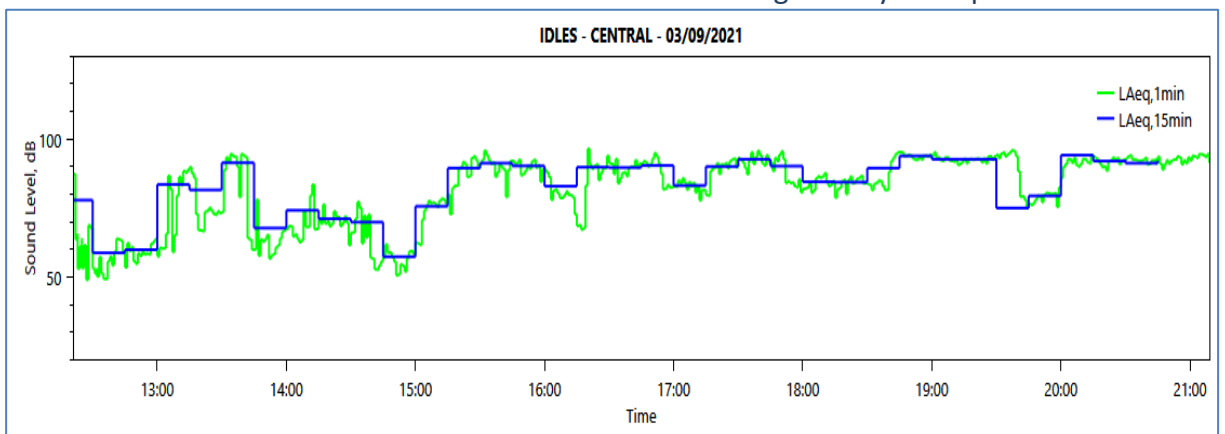


Chart 2.3: Front of house measurements Paradiso Stage Friday 3<sup>rd</sup> September 2021

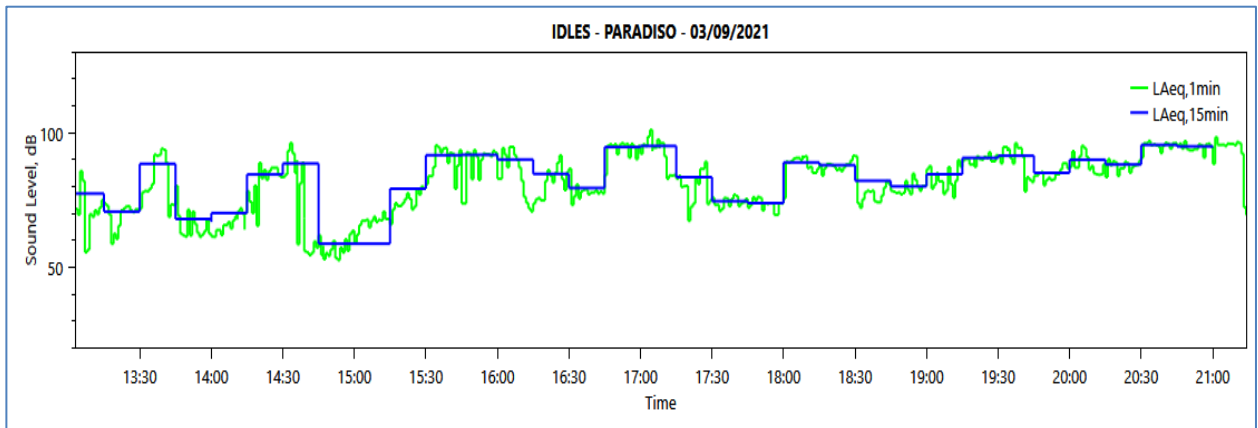


Chart 2.4: Front of house measurements Main Stage Saturday 4<sup>th</sup> September 2021

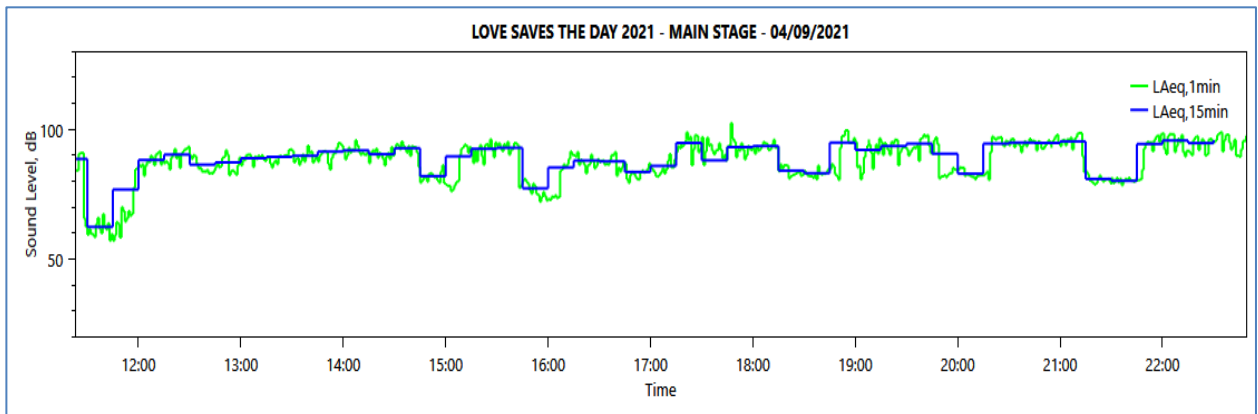


Chart 2.5: Front of house measurements Central Stage Saturday 4<sup>th</sup> September 2021

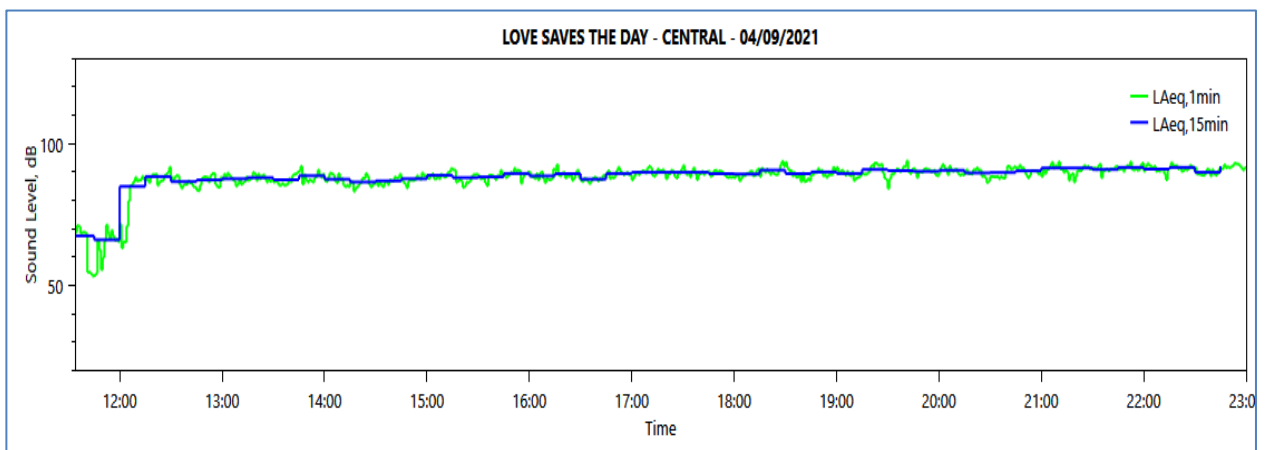


Chart 2.6: Front of house measurements Paradiso Stage Saturday 4<sup>th</sup> September 2021

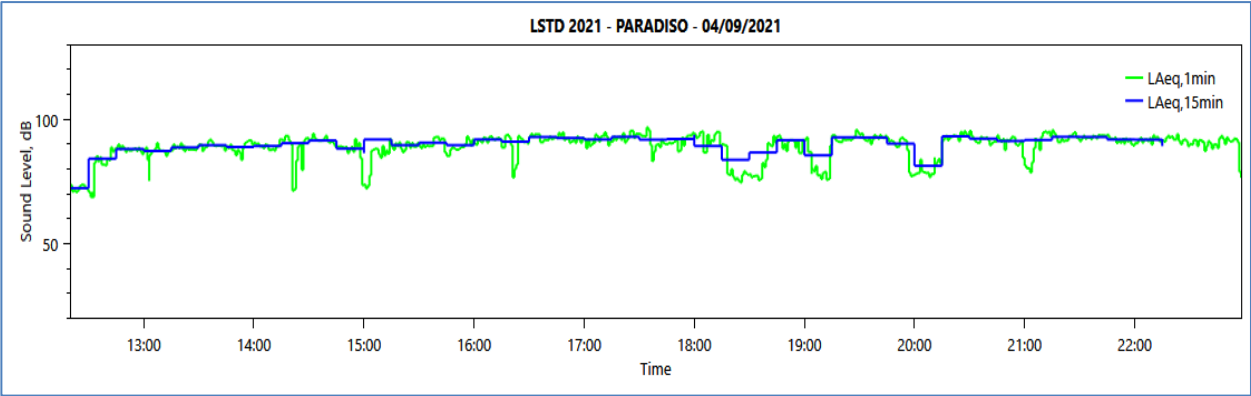


Chart 2.7: Front of house measurements Brouhaha Stage Saturday 4<sup>th</sup> September 2021

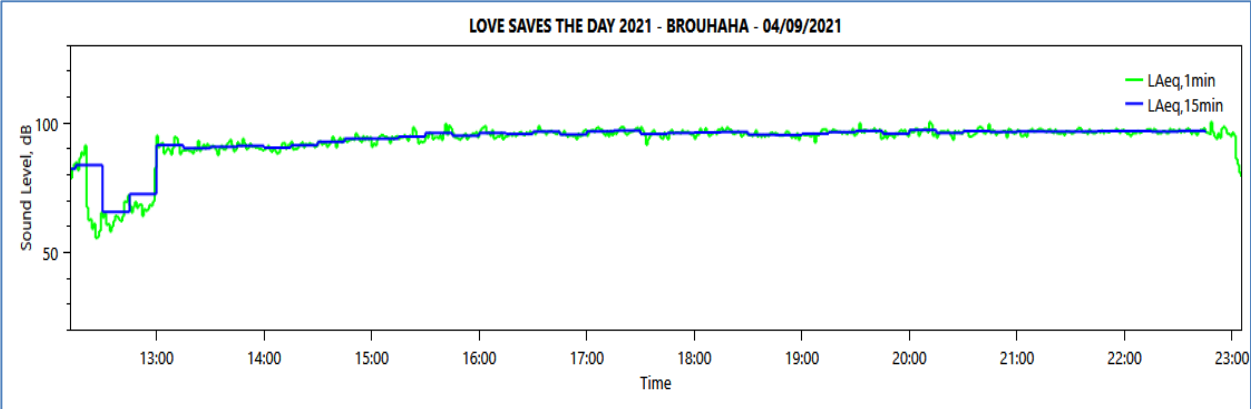


Chart 2.8: Front of house measurements Main Stage Sunday 5<sup>th</sup> September 2021

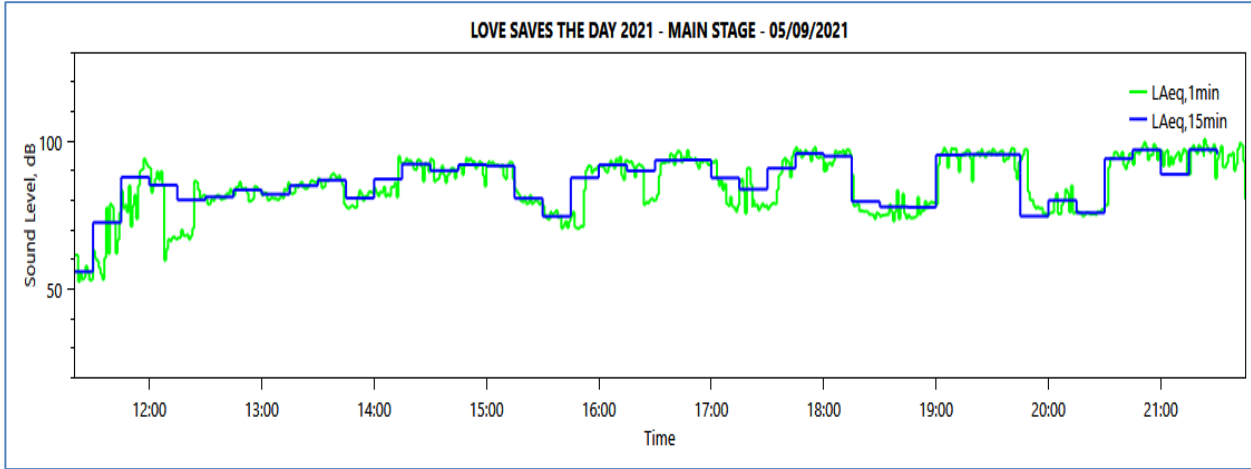




Chart 2.9: Front of house measurements Central Stage Sunday 5<sup>th</sup> September 2021

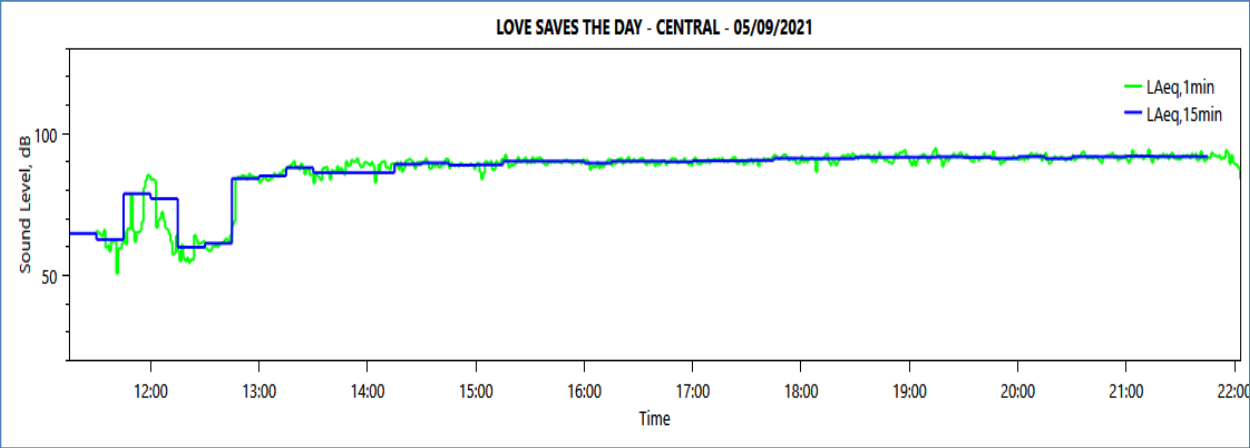


Chart 2.10: Front of house measurements Paradiso Stage Sunday 5<sup>th</sup> September 2021

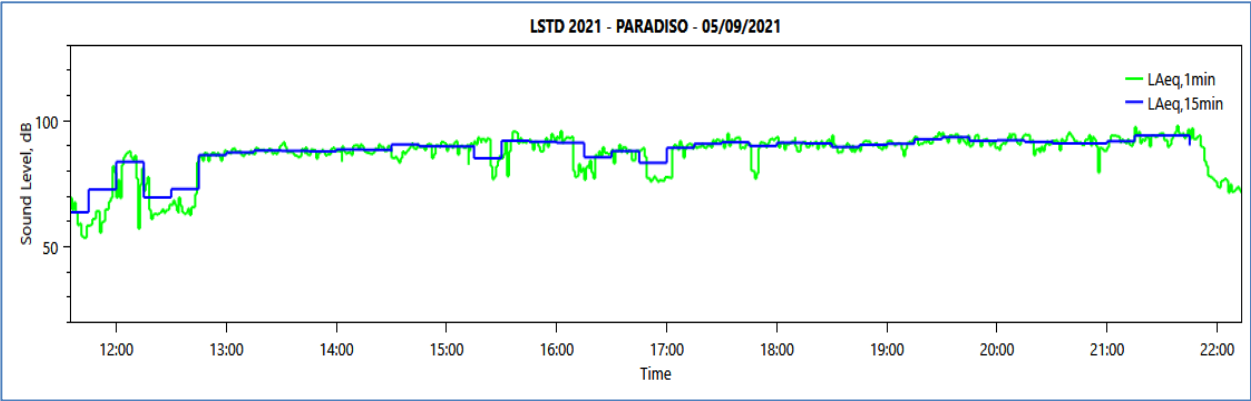
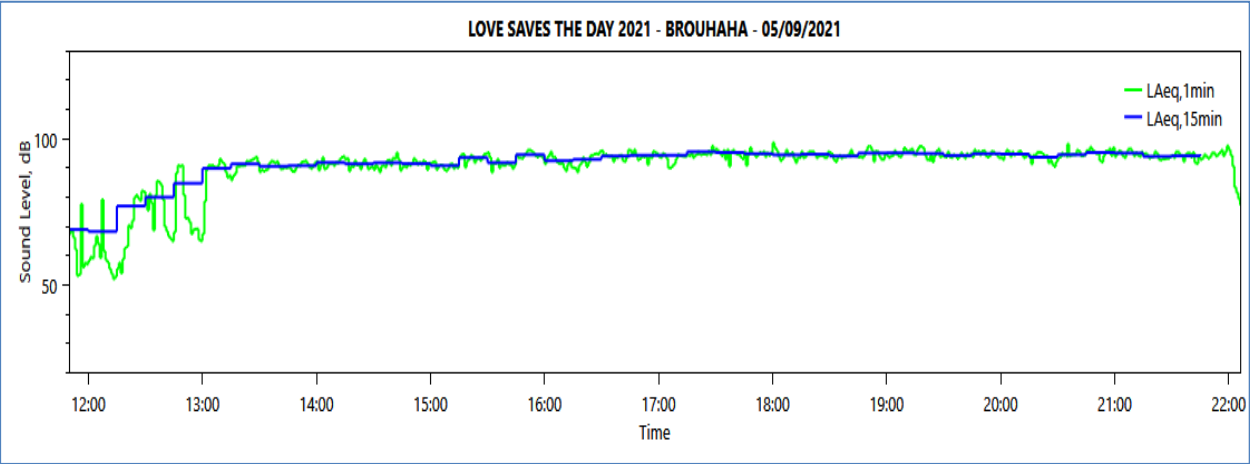


Chart 2.11: Front of house measurements Brouhaha Stage Sunday 5<sup>th</sup> September 2021



2.6 The off-site measurements taken during the event days are shown in Tables 2.1 to 2.3 below. Once again it was decided to concentrate the monitoring to the north of the event site where the sensitive receptors were closer to the event site and any effects from sound from the event would be greater.

Table 2.1: Off site measurements Friday 3<sup>rd</sup> September 2021

Address	Start time	Duration (mins)	L <sub>Aeq</sub> ,	L <sub>eq</sub> 63 Hz	L <sub>eq</sub> 125 Hz	Comments
Ivywell Road	13:23	1:00	65.5			Propagation Test Main Stage at L <sub>Aeq</sub> 97 dB
Ivywell Road	13:27	2:00	63.7			Propagation Test Main Stage at L <sub>Aeq</sub> 97 dB
Ivywell Road	13:32	1:00	66.9			Propagation Test Main Stage at L <sub>Aeq</sub> 97 dB and Central at L <sub>Aeq</sub> 94 dB
Ivywell Road	13:36	1:00	66.7			Propagation Test Main Stage at L <sub>Aeq</sub> 97 dB and Central at L <sub>Aeq</sub> 94 dB
Ivywell Road	13:38	1:00	68.0			Propagation Test Main Stage at L <sub>Aeq</sub> 97 dB, Central at L <sub>Aeq</sub> 94 dB and Paradiso at at L <sub>Aeq</sub> 94 dB
Ivywell Road	15:24	15:00	65.9			Site audible. Pauses for passing cars, pedestrians and helicopter. Central stage reduce 40 and 50 Hz
Ivywell Road	15:41	15:00	63.7			Site audible. Pauses for passing cars, pedestrians and helicopter. Central stage reduce reduce low frequency except 50, 63 and 80 Hz.
Hollymead (1km point)	16:30	10:00	36.4	< 45	< 45	Site barely audible, local ambient sound dominant
Seawalls	17:44	15:00	64.4			Site audible. Female vocal and low frequency for Main Stage, females vocal and beat from Central, Paradiso not readily audible.
Ivywell Road	18:40	15:00	68.0			Central and Main stages audible.
Rockleaze	19:00	15:00	58.9			Central and Main stages audible.
Downleaze	19:15	5:00	51.0			Paradiso, Central and Main stages audible.
Ivywell Road	20:00	5:00	63.1			Central and Main stages audible
Seawalls	20:32	15:00	67.6			Paradiso, Central and Main stages audible.
Ivywell Road	21:34	15:00	68.2			Main Stage only running for headline act. Passing cars and pedestrians paused out.

Seawalls	22:14	15:00	70.3			Main Stage only running for headline act. Request to reduce levels by 3 dB
Seawalls	22:32	15:00	68.9			Main Stage only running for headline act. Request to reduce levels by 2 dB

Table 2.2: Off site measurements Saturday 4<sup>th</sup> September 2021

Address	Start time	Duration (mins)	L <sub>Aeq</sub>	L <sub>eq</sub> 63 Hz	L <sub>eq</sub> 125 Hz	Comments
Ivywell Road	13:27	15:00	61.8			Main and Central audible
Rockleaze	13:46	5:00	61.6			Brouhaha, Main and Central audible
Sea Walls	13:58	15:00	62.3			Main and Central audible
Hollymead (1km point)	15:17	15:00	35.8	<40	<40	Site barely audible. Ambient sound, including birdsong, dominant. Pauses for passing cars.
Julian Road/The Avenue	15:51	1:00	44.7	66		Site audible, Central Stage. Not a designated monitoring point but close to source of complaints in 2019. Multiple pauses for passing cars.
Seawalls	16:15	10:00	65.0			No main stage. Measurement not saved
Ivywell Road	17:07	15:00	67.0			Main, Brouhaha, Central and Teachings in Dub audible. TID subs reduced 7 dB.
Seawalls	17:30	15:00	67.3			Main stage on
Downleaze	18:27	12:00	48.9			Brouhaha main source.
Julian Road/The Avenue	18:51	15:00	52.1	67		Site audible' including Main. Measurement finished early due to presence of resident.
Ivywell Road	19:14	5:00	66.3			Multiple sources audible
<b>Compliant</b>	<b>20:04</b>	<b>15:00</b>	<b>56.6</b>			<b>No Main Stage, Central audible Compliant with licence</b>
<b>Complaint</b>	<b>20:19</b>	<b>15:00</b>	<b>58.2</b>			<b>Little Simz on Main Stage Compliant with licence</b>
Julian Road/The Avenue	20:45	15:00	47.4			Little Simz on Main Stage
Ivywell Road	21:07	15:00	65.7			Central, Main and Paradiso
Seawalls	21:28	10:00	67.9			No Main, Central is primary source
Seawalls	21:49	15:00	69.0			Headline act on Main

Table 2.3: Off site measurements Sunday 5<sup>th</sup> September 2021

Address	Start time	Duration (mins)	L <sub>Aeq</sub>	L <sub>eq</sub> 63 Hz	L <sub>eq</sub> 125 Hz	Comments
Ivywell Road	13:06	15:00	60.0			Main and Central audible
Julian Road/The Avenue	13:34	15:00	43.9	63		Site audible.
Seawalls	14:01	15:00	60.6			Site audible
Downleaze	14:30	15:00	57.2			Brouhaha main source.
Rockleaze	14:53	15:00	62.0			Site audible
Ivywell Road	15:13	5:00	62.7			Multiple sources audible
Hollymead (1km point)	16:22	15:00	36.8	<48	<48	Site barely audible. Multiple pauses for passing cars and pedestrians.
Julian Road/The Avenue	16:45	15:00	46.0			Central is main source. Multiple pauses for passing cars.
Ivywell Road	17:05	15:00	60.6			Central is main source
Seawalls	17:39	15:00	65.9			Main is primary source
Julian Road/The Avenue	19:05	15:00	44.9			Site audible, drum and bass from Central. Pauses for pedestrians, passing cars and police horses
Seawalls	19:44	15:00	58.1			Primary source Main Stage. Pauses for pedestrians and passing vehicles
Julian Road/The Avenue	20:40	15:00	47.1			Site audible, drum and bass from Central. Pauses for pedestrians, passing cars and aircraft
XX The Avenue	21:15	15:00	52.7			Headliner on Main. Mix of Central and Main. Pauses for passing vehicles
Seawalls	21:37	15:00	64.7			Headliner on Main. Main is primary source but Central also audible.

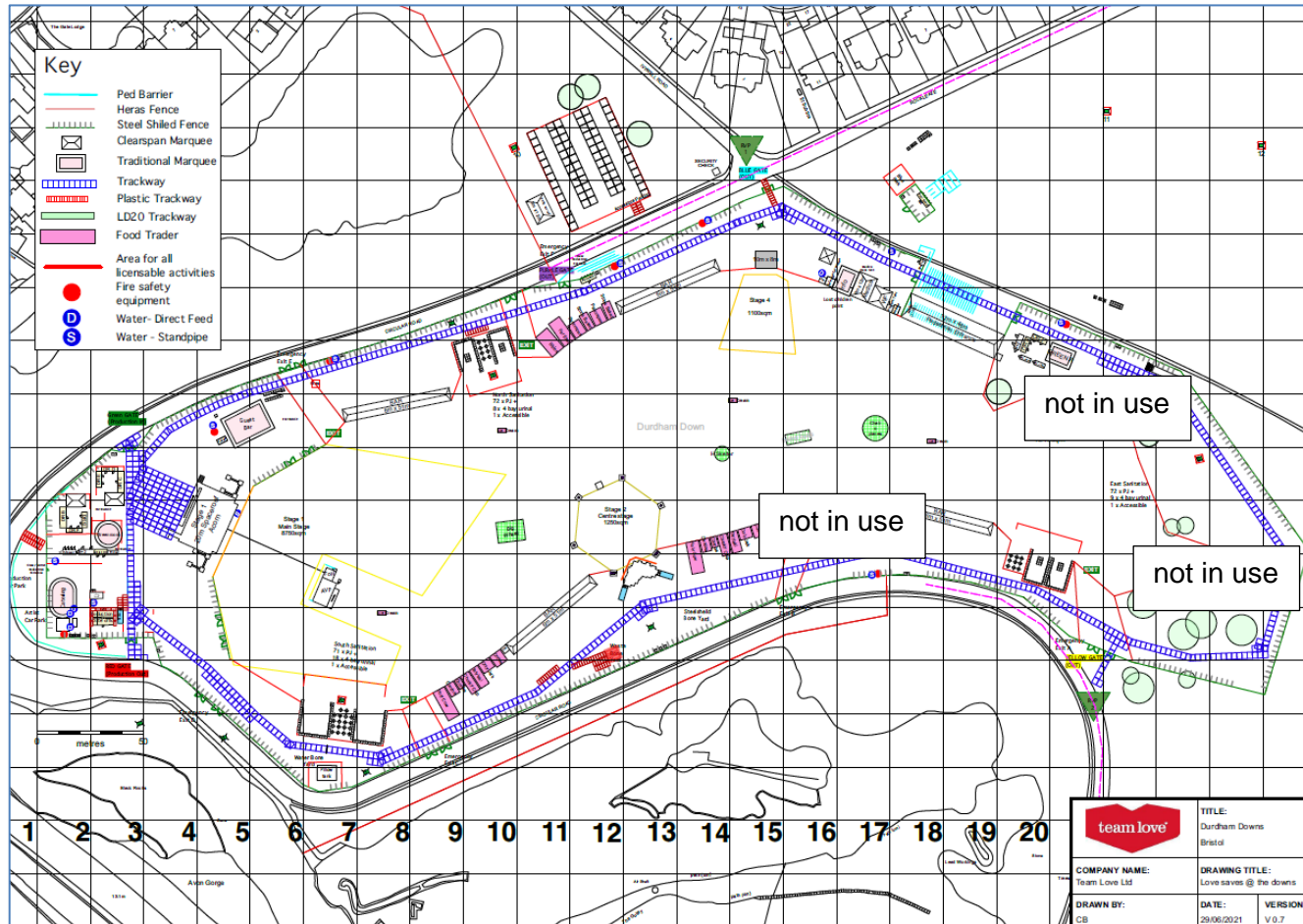
### 3. Complaints

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- 3.1 There was one noise complaint received regarding music received during the event. This was received from XXXXXXX. Measurements were taken at the premises on Saturday and Sunday when acts were on the Main Stage and found to be compliant with the licence conditions.

Figures

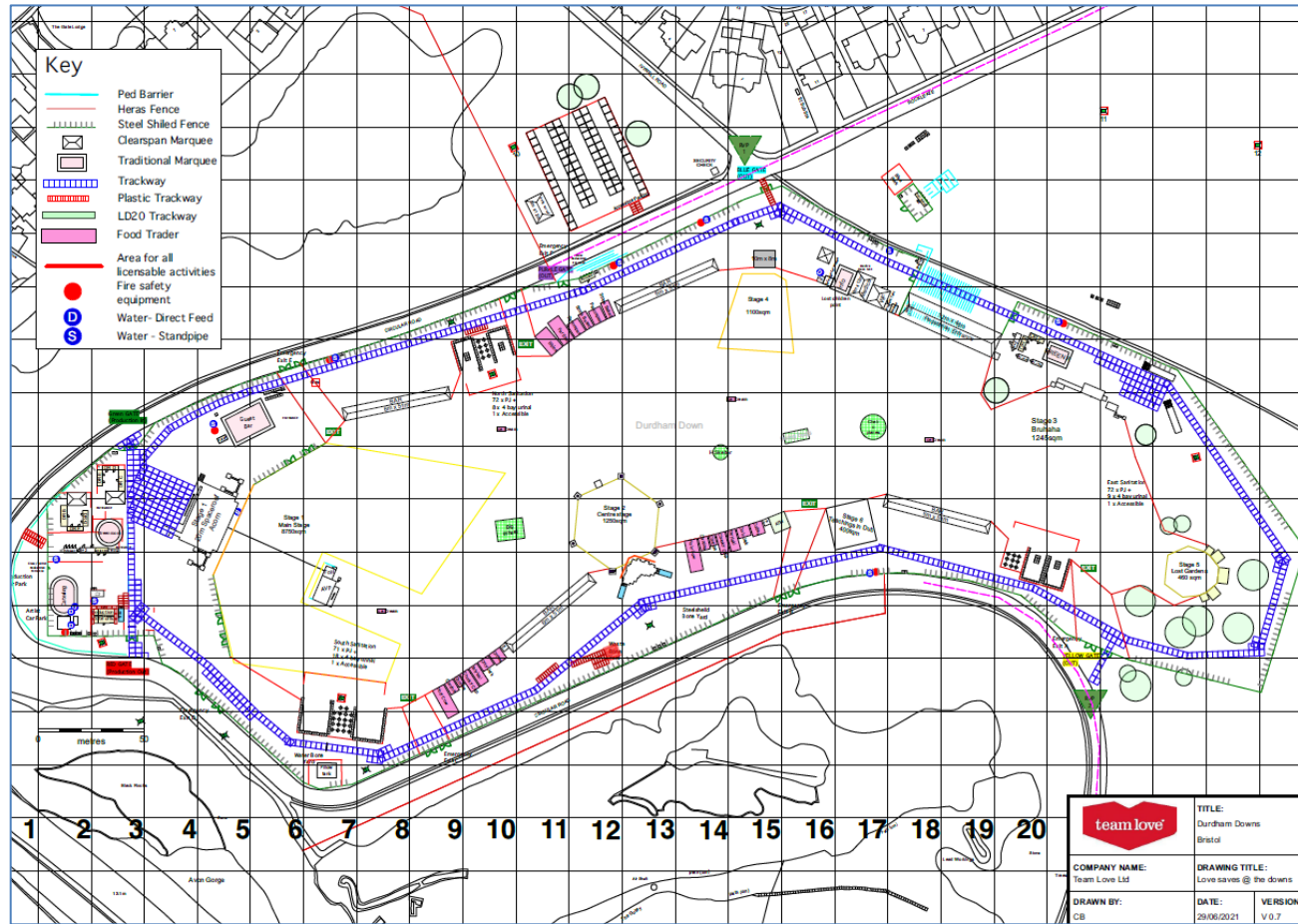
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Date: Sep 2021 © Figure 1: Site Plan 3<sup>rd</sup> September 2021

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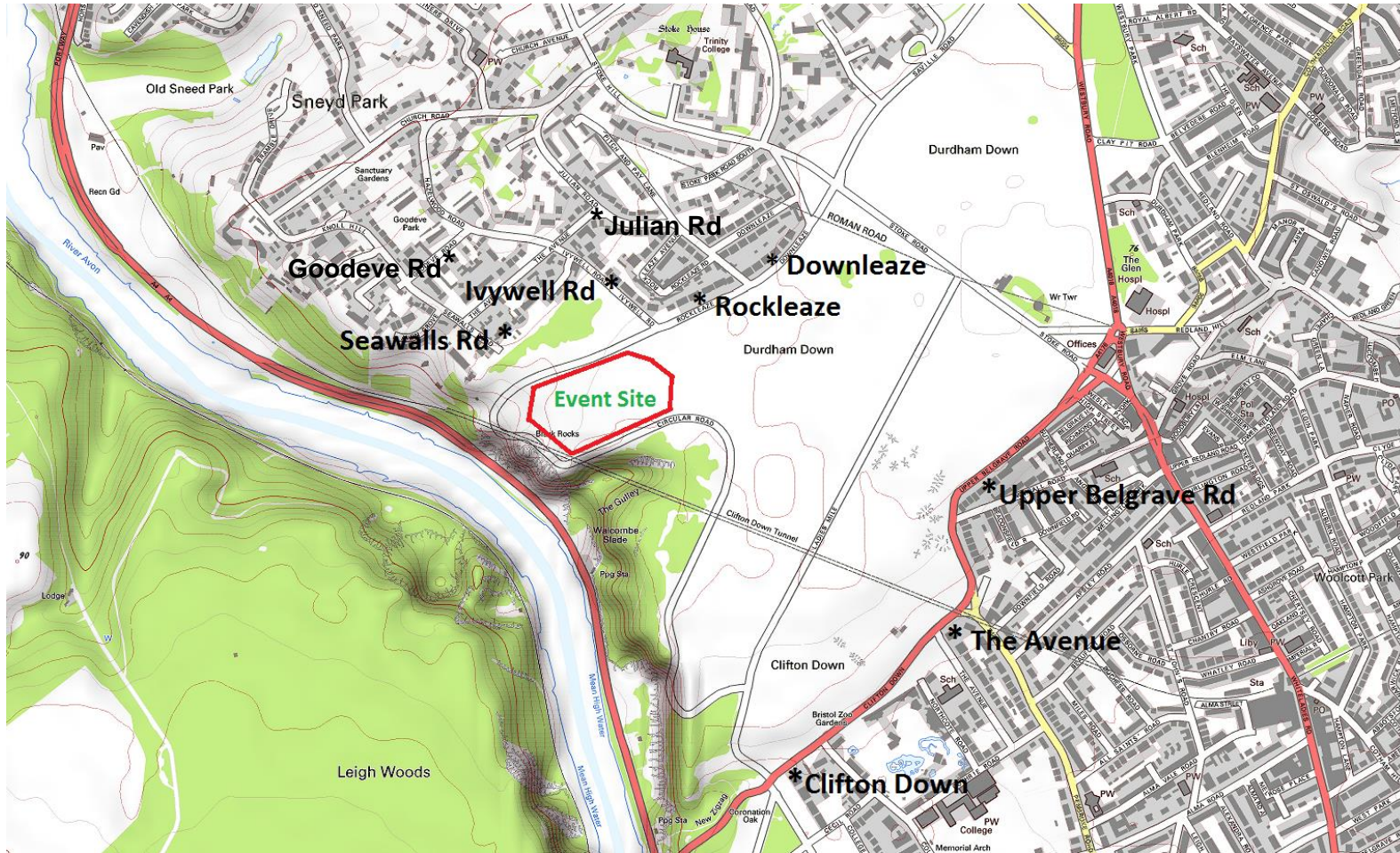
Date: Sep 2021

Figure 2: Site Plan 4th and 5th September 2021

© Team Love







Date: Sep 2019

Figure 3: Measurement locations

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Date: Sep 2016

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Figure 4: Measurement locations at 1 km from the site; Sneyd Park (from Bristol City Council)

## **Appendix A**

### **Glossary**

## Glossary

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Noise is defined as sound unwanted at the point of reception. 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 18000 Hz. The ear does not respond equally to different frequencies at the same level. It is more sensitive in the mid-frequency range than the lower and higher frequencies and because of this, the low and high frequency components of a sound are reduced in importance by applying a weighting (filtering) circuit to the noise measuring instrument. The weighting which is most widely used and which correlates best with subjective response to noise is the dB(A) weighting. This is an internationally accepted standard for noise measurements.

For variable noise sources such as traffic, a difference of 3 dB(A) is just distinguishable. In addition, a doubling of a noise source would increase the overall noise by 3 dB(A). For example, if one item of machinery results in noise levels of 30 dB(A) at 10 m, then two identical items of machinery adjacent to one another would result in noise levels of 33 dB(A) at 10 m. The 'loudness' of a noise is a purely subjective parameter but it is generally accepted that an increase/decrease of 10 dB(A) corresponds to a doubling/halving in perceived loudness.

External noise levels are rarely steady but rise and fall according to activities within an area. In an attempt to produce a figure that relates this variable noise level to subjective response, a number of noise indices have been developed. These include:

**L<sub>Amax</sub>** noise level: This is the maximum noise level recorded over the measurement period.

**L<sub>Aeq</sub>** noise level: This is the 'equivalent continuous A-weighted sound pressure level, in decibels' and is defined in British Standard 7445 (BS 7445) [ ] as the 'value of the A-weighted sound pressure level of a continuous, steady sound that, within a specified time interval, T, has the same mean square sound pressure as a sound under consideration whose level varies with time'.

It is a unit commonly used to describe construction noise and noise from industrial premises and is the most suitable unit for the description of other forms of environmental noise. In more straightforward terms, it is a measure of energy within the varying noise. It is also the unit best suited to assessing community response.

**Music Noise Level (MNL)** : the L<sub>Aeq</sub> of music noise measured at a particular location.

**L<sub>A10</sub>** noise level: This is the noise level that is exceeded for 10% of the measurement period and gives an indication of the noisier levels. It is a unit that has been used over many years for the measurement and assessment of road traffic noise.

**L<sub>A90</sub>** noise level: This is the noise level that is exceeded for 90% of the measurement period and gives an indication of the noise level during quieter periods. It is often referred to as the background noise level and is used in the assessment of disturbance from industrial noise.

**Hz (Hertz)**: The tonal quality of a sound is described and measured in terms of the frequency content and is commonly expressed as octave or third octave bands, the latter being the division of the octave bands into three for finer analysis, across the frequency spectrum. The smaller the octave band or third octave band

centre frequency number defined in terms of Hz, the lower the sound. For example 63 Hz is lower than 500 Hz and is perceived as a deeper sound. The attenuation due to air absorption and natural barriers increases with frequency i.e. low frequencies are always the most difficult to control.

An indication of noise levels and pitches is provided in Appendix A1.1 and A1.2 of *Building Bulletin 93 'Acoustic Design of Schools: A Design Guide', 2003* (BB 93). These are reproduced in Figures A1 and A2 below:

**Figure A.1: Typical sound pressure levels**

