

**Reichstein, Megan**

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**From:** [REDACTED]  
**Sent:** Tuesday, 4 December 2012 2:03 PM  
**To:** ESDDFOI  
**Subject:** Re: FOI request  
**Attachments:** FOInoise.pdf

Dear FOI coordinator,

My address is at the bottom of this message. I am puzzled why you found the pdf "FOInoise.pdf" blank as the version that I sent to myself read OK with Adobe Reader. Some IT issue I expect.

Here is the text of my FOI request:

I would like to access the following documents:  
documents about noise control measures relating to Summer Foreshore Festival 24 November 2012,  
including

1. Noise Management Plan of holder.
2. Report of ACT officer who did attend the location.
3. Report of noise consultant (available 4 January 2013) as per correspondence with Peter Ryan.

I hope this helps.

[REDACTED]  
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On 4/12/12 1:47 PM, ESDDFOI wrote:

Dear [REDACTED]:

The attachment you have sent in is blank. In your email below you state your request under FOI. Would you like to elaborate on that or is the highlighted text what you are seeking?

Also if you could please list a postal address and contact number in your email it would be most appreciated.

Many Thanks

Tasha Hartwig | FOI Coordinator | Ministerials, Government and Legal Services | Environment and Sustainable Development | ACT Government |  
13 Dame Pattie Menzies House, 16 Challis Street Dickson | GPO Box 1908 CANBERRA ACT 2601 | t: 02 6205 0069 | e:  
[www.actpla.act.gov.au](http://www.actpla.act.gov.au)

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**From:** [REDACTED]  
**Sent:** Tuesday, 4 December 2012 1:36 PM  
**To:** ESDDFOI  
**Cc:** Ryan, Peter  
**Subject:** FOI request

To FOI: Environment & Sustainable Development Directorate

I wish to make the attached FOI request about noise control measures relating to the Summer

Details are given in the body of this email and in the attached file "FOInoise.pdf". Please let me know if there are problems with the formatting of this file as I found it difficult to use.

Yours sincerely,

[Redacted signature]

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On 29/11/12 11:21 AM, Ryan, Peter wrote:

Hi [Redacted]

The Authority has procedures in place for approving outdoor concerts and gives measured consideration in the Authorisation assessment process which includes; social and financial benefits, duration of the event, proposed noise levels and any potential impacts of the proposal including environmental risk.

The event organisers of the Foreshore Festival were granted an Environmental Authorisation under the Act, following a request in the Canberra Times and Government Gazette from the Authority for public comment on the application. The Authority did not receive any public comment at the submission stage:

The Authority granted the authorisation and the conditions within the authorisation complied with the outdoor concert noise policy 2001 and is attached for your information .

Regards

**Peter Ryan**

Peter Ryan | Environment Protection Officer [Redacted]  
[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

**From:** [Redacted]  
**Sent:** Thursday, 29 November 2012 8:32 AM  
**To:** Ryan, Peter  
**Subject:** Re: complaint of public music noise [Incident: 121124-000464] Forwarded to Agency

Dear Peter Ryan,

Thank you very much for your response below. I am disappointed to learn that I shall have to apply for the consultants' reports through Freedom of Legislation legislation. It would be more in the spirit of open government for you to put it on your web site like the Environment Authorisation 0910.

In considering your response below, it seems to me that there are other aspects of the department's handling of this matter that are open to question. I expect I will take these up again when the consultants' reports becomes available, but there is a question that I would like to ask now:

What process led you to decide that a noise level of 65 db(A) was acceptable at the compliance locations? Why this level and not some other level? In setting this level did the department make use of measurements or computer modelling to determine the noise levels expected at other locations around Civic?

Yours sincerely, [REDACTED] 29 November 2012

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On 27/11/12 2:01 PM, Ryan, Peter wrote:

Hi [REDACTED]

You can apply for these documents via a freedom of information application which is available from the web site. Please note that the noise report is not due until 4 January 2013 the Authority will be unable to supply this until after this date. Any action taken by the Authority regarding any breaches of Environmental Authorisation No 0910 will be decided after this date.

The compliance locations are identified at the nearest residence to the activity being undertaken. In indentifying these compliance locations the Authority considers the size of the stage and direction of the speakers around the stage, once these factors are decided then the compliance locations are identified. Environment Protection are aware that there will be other people affected by the concert noise as it has approved a higher noise standard.

Regards

**Peter Ryan**

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Peter Ryan | [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

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**From:** [REDACTED]  
**Sent:** Tuesday, 27 November 2012 1:12 PM  
**To:** Ryan, Peter  
**Subject:** Re: complaint of public music noise [Incident: 121124-000464] Forwarded to Agency

Dear Peter Ryan,

Thank you for your kindness in sending me this information.  
Please could you provide me with a copy of

1. Noise Management Plan of holder
2. Report by the ACT officer who did attend the location with numerical values of noise measured.
3. Noise monitoring results report (4 January).

I note two unsatisfactory features of your procedures.

- a) The "independent noise consultant" is appointed (and presumably paid) by the holder. How independent is he?
- b) The compliance locations did not allow noise going in the direction of Reid/Campbell to be measured.

I look forward to hearing from you.

[Redacted]

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On 27/11/12 10:42 AM, Ryan, Peter wrote:

Hi [Redacted]

This event (Foreshore Festival) was an authorised activity and had approval to conduct an outdoor concert from 10am to 11pm on Saturday 24 November 2012. Within Environmental Authorisation No 0910 (EA) (available on our website) there was a noise limit set within this EA also was required to be continually monitored during the event by an independent noise consultant. The consultant is required to send a noise report to the Environment Protection Unit for approval and if there is a breach of the EA within the report then the Authority will take further action. However one of our officers did attend the compliance location during the day to undertake a noise measurement and at this time the noise levels did comply with the EA.

If you have any further questions please call me on 6207 6078.

Regards

**Peter Ryan**

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Peter Ryan | Environment Protection  
Officer [Redacted]

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

[Redacted]

000005

**Discussion Thread**

**Auto-response**

**Customer** [Redacted]


24 November 2012. Throbbing music noise coming from Civic area from around 2 could be heard in my house in mid-Campbell with the windows shut. This is low-fr be reduced by turning the bass volume down.

[Redacted]

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This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.  
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[Redacted]

[Redacted]



000006



# NOISE MANAGEMENT PLAN

## Foreshore 2012

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This plan has been developed to ensure Foreshore Summer Music Festival 2012 (FSMF) minimises the noise pollution impact the event has on the community and that the event complies with Environmental Authorisation No.910 issued by the Environment Protection Authority. See Attachment B.

### Event Information

Event: Foreshore Summer Music Festival 2012 (FSMF)

Style: Outdoors concert activities using amplifying equipment with a venue capacity of more than 2000 people. The venue is not an authorised concert venue.

Dates: Friday 23 November 2012 -sound checks  
Saturday 24 November 2012 - concert

Location: Stage 88 & Regatta Point, Commonwealth Park, Parkes, ACT

### Key Staff

This plan has been developed by 4412 Production, SLR Consulting and Kicks Entertainment in consultation with local businesses and institutions.

SLR Consulting is a multi-disciplined firm of specialist engineers and scientists and are members of the Australian Acoustical Society. SLR Consulting Acoustic Consultants have been contracted to supply noise monitoring services to FSMF 2012.

George Chrysostomou of 4412 Productions is employed as FSMF 2012 Production Manager and has ultimate control over concert noise emissions. George is highly experienced in developing concert audio systems to achieve high quality concert audio with minimal noise spill and has utilised this when designing the FSMF audio system.

Kicks Entertainment in conjunction with SLR Consulting and 4412 Production have successfully delivered outdoor concerts for four years running compliant with all environmental authorisations issued to the event from the EPA and will use this experience and expertise to manage the event noise emissions at the FSMF 2012 event.

### **Event Set-up**

The event is a multi stage event. The Kicks Stage will be Stage 88, an existing concert stage in Commonwealth Park. The patron area is surrounded on all sides by trees and structures. Beyond the trees to the north event structures will be placed to assist in noise containment. The stage is also facing across car parking and Lake Burley Griffin which limits noise pollution into residential areas.

The event is a multi stage event. The Kicks Stage will be Stage 88, an existing concert stage in Commonwealth Park. The patron area is surrounded on all sides by trees and structures. Beyond the trees to the north event structures will be placed to assist in noise containment. The stage is also facing across car parking and Lake Burley Griffin, which limits noise pollution into residential areas.

The HiTop Stage is a smaller stage located in the car-parking area above stage 88 facing Lake Burley Griffin. Across the lake is the parliamentary triangle, which has no residential property. The National Capital Exhibition Centre (NCEC) and all businesses have been consulted to find a mutually beneficial solution to noise produced by the event.

The event location is surrounded by some local businesses and institutions, which have been consulted in the planning phase of the event. All have worked with Kicks to set up solutions that limit impact on their standard operations. The surrounding establishments help to buffer any audio spill from surrounding residential areas.

Line array speakers have been used on each stage to assist in controlling noise spill. Proprietary array calculation software is used for each individual system to calculate precise noise levels and 'hot' spots for audio at event. Particular care will be taken to ensure minimal spread occurs to the rear or sides of all stages. This system has also been designed to ensure the audio 'hot spot' is before the tree line at the Kicks Stage, the most powerful, to assist in keeping the noise contained.



### **Emission Control**

A noise compliance locations have been nominated:

1. The northern end of the footbridge at Allara Street – Block 6, Section 62, City
2. The northern end of the footbridge at Marcus Clark Street – Block 8, Section 8, City

It is proposed that attended noise monitoring will be conducted during Soundchecks on Friday 23 November 2012, to define a compliant audio level within the venue.

During the event a noise logger will be placed at the compliance location to gather data for the final report.

### **Sound Check**

Testing will be done during sound check times to establish clear and understood limits of operation before the event to ensure a gradual increase of audio which will occur at the event will not allow audio to breach the compliance levels by close of show.

Decibel meters will be utilised on stage at the Audio FOH position, to ensure the technicians are constantly aware of the levels of the PA system. In addition to this, 4412 will deploy specialised analysis software, allowing the logger at the location to obtain more finite readings, looking at frequency response, and average readings in addition to simple decibel readings.

SLR Consulting will provide feedback during the sound check and event from the compliance location to ensure that noise from the PA system is compliant with the authorisation conditions at the compliance location. Maximum levels at the compliance location will be compared to levels at FOH to provide a gauge for acceptable levels. Regular sound checks will be carried during the event by 4412. Every effort will be made to ensure that the event audio level will be compliant with the agreed EPA authorisation at all times during the event

### **Concert**

SLR Consulting will install a noise logger at the EPA compliance location in accordance with the EPA authorisation for the event.

After the event data from the noise logger will be analysed and compared with measurements and site notes from 4412. A noise compliance report will be issued by SLR Consulting.



Foreshore 2012  
Noise Management Plan

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### Communication

Local institutions and businesses in the area have been consulted about the event in each year of operation many of which provide letters of support for the event.

Those consulted are:

Floriade  
The Deck Café  
Canberra Business Events Centre  
Archbishop's Residence

A mobile phone number has been arranged through Telstra (0429 059 519) to ensure an event contact is available at all times for the public. This mobile phone will be located in the event communications hub. A member of staff will be allocated the responsibility to check this phone at regular intervals (every 10 minutes) to ensure that any concerns are attended to promptly.

Information flyers (Attachment C) informing local residents of the details of the event and clear and concise operational times have been delivered to the nearest residential areas. This flyer will also have both the above mobile number for contact on event day and office numbers for contact prior to event should they wish to enquire about the event operations or discuss any potential issues.

Information flyers have been distributed to the following residential locations:  
Kingston: Mundaring Drive – Printers Way all streets and residences adjoining  
Campbell: Constitution Av – Anzac Parade – Blamey Crescent – Vasey Crescent all streets and residences adjoining  
Reid: Constitution Av – Anzac Parade - Currong St – Euree St – Booroondara St all streets and residences adjoining  
City: Allara St - Corranderk St - London Cct - Edinburgh St

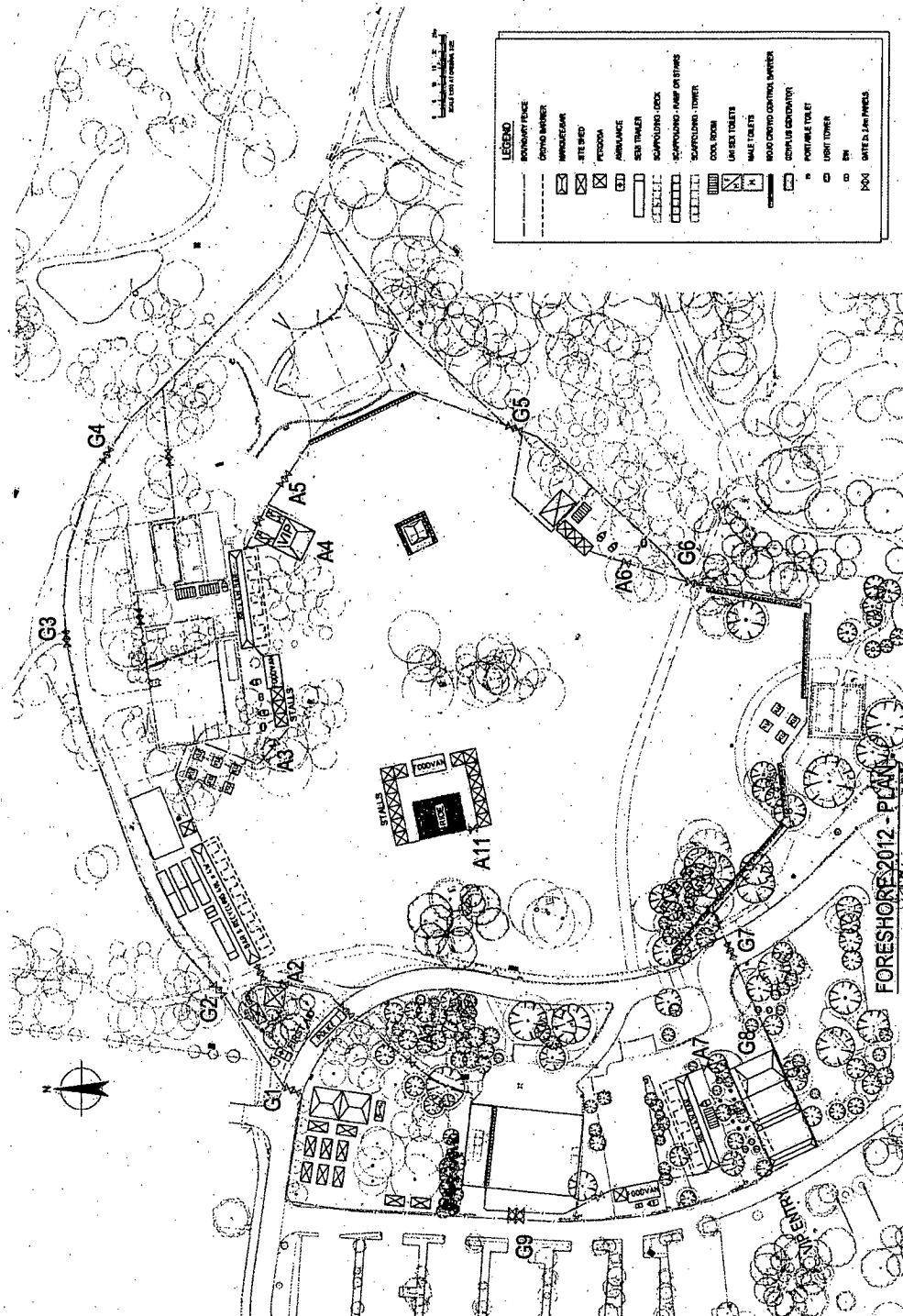
### Written Report

SLR Consulting will provide a comprehensive report of the noise monitoring during the event to the Environment Protection Authority by close of business on 4 January 2013 as required by the Environmental Authorisation.



# Foreshore 2012 Noise Management Plan

## Attachment A





Attachment B

Authorisation No. 0910

**AUSTRALIAN CAPITAL TERRITORY  
ENVIRONMENTAL AUTHORISATION UNDER THE  
ENVIRONMENT PROTECTION ACT 1997**

The Environment Protection Authority (the Authority), pursuant to section 49(1)(a) of the Environment Protection Act 1997 (the Act), hereby authorises:

**NOTE:** This is a variation of the Environmental Authorisation dated 7 September 2012.

Name: Kicks Entertainment Pty Ltd  
ABN: 56 155 382 326  
ACN: 155 382 326  
Street: 44 Sydney Avenue

to conduct the following activity/activities:

- outdoor concert activities using amplifying equipment if the venue has the capacity to hold more than 2000 people and is not an authorised concert venue

for the purpose of: Foreshore Summer Festival

on:	Block:	5	1
	Section:	2	45
	Suburb:	Parke	Parke

subject to the conditions set out in Schedule 1 attached. The authorisation is valid for Saturday, 24 November 2012, unless cancelled or suspended by the Authority.

This is a standard environmental authorisation.

Delegate of the Environment Protection Authority

Dated this 5<sup>th</sup> day of November 2012



Authorization No. 0910

**SCHEDULE 1**  
**CONDITIONS FOR THE CONDUCT OF**  
**THE FORESHORE SUMMER MUSIC FESTIVAL OUTDOOR CONCERT**  
on: Block: 5 Section: 2 Suburb: Parkes  
Block: 1 Section: 45 Suburb: Parkes

**Note:** This schedule should be read in conjunction with the Noise Environment Protection Policy.

- (1) **Definitions**
  - compliance location* - has the same meaning as in the *Environment Protection Regulation 2005*.
  - event* - activity which involves:
    - an outdoor concert using amplifying equipment.
  - noise limit* - the maximum noise from the outdoor concerts permitted at the Compliance Location.
  
- (2) **Hours of Operation**
  - Outdoor concert events may only be conducted between the hours:  
--11.00 (am) to 11.00 (pm) on Saturday 24 November 2012.
  - Sound checks may be conducted for a maximum period of 60 minutes between the hours of 2.00 (pm) and 6.00 (pm) on Friday 23 November 2012 and a maximum of 60 minutes between 10.00 (am) and 12 (midday) on Saturday 24 November 2012 only.
  
- (3) **Noise Emissions**
  - Noise levels at the Compliance Locations must not exceed the following: 65dB(A) L<sub>A15</sub>, 10 minutes at Compliance Locations 1 and 2.
  
- (4) **Compliance Requirements**
  - 1) Amplified music may only be conducted as part of the Foreshore Summer Music Festival Concert during the permitted hours detailed in Clause 2 and within the noise limits set out in Clause 3 of this Schedule.
  - 2) Line array speakers to be facing the direction of the orange arrows as displayed in Attachment A.
  
- (5) **Compliance Locations**
  - 1) The northern end of the footbridge at Allara Street - Block 8, Section 37 City; and
  - 2) The northern end of the footbridge at Marcus Clark Street - Block 8, Section 8 City



Foreshore 2012  
Noise Management Plan

Authorisation No. 0910

**(6) Monitoring / Reporting**

The Authorisation holder is required to demonstrate that noise from the event does not exceed the noise limits at the Compliance Locations. The Authorisation holder must submit a Noise Management Plan prepared by a person suitable qualified in the assessment of environmental noise to the Authority at least 4 weeks before the event. The proposal must be acceptable to the Authority.

The Authorisation holder shall undertake attended noise monitoring at the Compliance Locations over the time periods detailed in Clause 2 of this schedule. Monitoring must be carried out by a person suitably qualified in the assessment of environmental noise. Parameters to be monitored are  $L_{Aeq}$  and  $L_{Amax}$ . Measurements shall be for a period of 10 minutes and should be an accurate representation of the noise source.

**(7) Written Report**

Noise monitoring results measured during the event must be provided, in writing to the Authority by close of business 4 January 2013.

The written reports must contain the following information:

- (a) the name, address and telephone number(s) of the person who prepared the report;
- (b) the dates, commencement and completion times of sound measurements;
- (c) a description of the point(s) at which the sound measurement(s) were taken;
- (d) details of the equipment and methods used to take the sound measurements;
- (e) details of any measured non-compliances associated with noise emissions from the concert events, including noise readings obtained, and what actions were taken to ensure compliance with the requirements of Clause 3 of this schedule; and
- (f) qualification of the person undertaking the noise assessment.



Foreshore 2012  
Noise Management Plan

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Authorisation No. 0910

**(8) Record of complaints**

The Authorisation holder shall keep a record of all complaints received by its employees or its agents, in relation to noise emissions from the events. This record is to be provided, on request, to the Authority.

**(9) Contact details**

The Authorisation holder shall provide to the Authority, prior to the commencement of the event, contact details for person(s) with principal control of the event. The details may be provided by facsimile to (02) 6207 6084 or email [environment.protection@act.gov.au](mailto:environment.protection@act.gov.au).

Any person nominated by the Authorisation holder to meet the requirements of this condition shall be readily contactable on the person's nominated telephone number(s) during the event.

Foreshore 2012  
Noise Management Plan



Attachment C



Dear Homeowner,

This is a courtesy information letter for local residents containing information on the upcoming event in Canberra **Foreshore Summer Music Festival 2012**.

Event Details:

Saturday November 24, 2012

12pm – 11pm

Stage 88 & Regatta Point, Commonwealth Park, Canberra

**Foreshore Summer Music Festival 2012** is a one of a kind, outdoor music festival hosting some of the most popular International and Australian music artists in the world.

Each year, **Foreshore Summer Music Festival** brings \$2 million dollars into the local Canberra economy thanks to the boost in tourism it creates.

**Foreshore Summer Music Festival** is a great part of our community and has received approval from all relevant government agencies to operate in 2012.

**Foreshore Summer Music Festival 2012** has approval from the Environmental Protection Authority to operate an outdoor concert on the 24<sup>th</sup> of November under Environmental Authorisation Number 0910.

There will be amplified music at **Foreshore 2012**. Our team of professional sound engineers have developed a sound system specifically to reduce 'noise spill' in neighbouring suburbs. We have also employed professional acoustic consultants to monitor noise spill in surrounding suburbs.

Amplified music will be used between the following times:

Friday 23<sup>rd</sup> November 2012: 2:00pm – 6:00pm (Sound Check)

Saturday 24<sup>th</sup> November 2012: 10:00am – 12:00pm (Sound Check)

Saturday 24<sup>th</sup> November 2012: 12:00pm – 11:00pm (Event)

If you have any questions regarding the event please email the event organisers:

If you are experiencing any excess noise during any of the above times please do not hesitate to contact event organisers on the below details.

Foreshore Event Office – [REDACTED]

Kind Regards,

Kicks Entertainment  
[REDACTED]



**Incident Report**

06-Dec-12

IncidentNo 4761

Activity Location:

Suburb:

**Complainant**

Address:

Home Phone:

Business Phone:

Mobile:

**Action Officer**

STEVE THOMAS

**Date Entered**

28/11/2012 10:46:33 AM

██████████ contacted the after hours switchboard to complain about excessive noise from the Foreshore concert at Commonwealth Park, especially the bass. I contacted ██████████ and we discussed his complaint. ██████████ said the bass was very loud and has been affecting ██████████ since 11.00am.

I explained the concert was authorised and monitoring for compliance was carried out by the organiser, however, EPA will respond to complaints. I decided to attend.

I met oncall backup officer Stella Williams at ██████████ property of ██████████. We met ██████████ and was lead to back yard where I set up the sound level meter on a tripod at 1.2 metres from the ground. I positioned the tripod on a concrete slab near the back corner of the block. I noted at the time the music being played at Foreshore was the dominant noise and very clearly audible at times but there was a bass complainant to the noise at most times.

I measured the calibrator for one minute and saved the record. I reset the meter and measured the music noise for a continuous 10 minute period. The dominant noise during this measurement was the music of Foreshore. I saved the record and reset the meter. The measured L10 was 50.2 dB(A) and the L90 was 42.6 dB(A). This complaint was validated. I then measured the calibrator for one minute and saved the record. We discussed the issue with ██████████ and then left to measure the concert noise at the compliance location.

The weather at the time was 22 degrees C, no wind OKTAS cloud cover 1/8.

Drove to compliance location at Allara Street overpass bridge where I met Murray from SLR who was in attendance to carry compliance monitoring. He had a sound level meter on a tripod and one in the trees adjacent to the footpath. He said he was also monitoring at the other location in Edinburgh St Acton. The dominant noise in the area at this time was music being played from the Foreshore concert.

I set up the sound level meter on the tripod at 1.2 metres from the ground and positioned

06-Dec-12

## Incident Report

IncidentNo 4761

the tripod on a concrete slab near army building of Allara St. I measured the calibrator for one minute and saved the record. I reset the meter and measured the music noise from Foreshore Concert for a continuous 10 minute period. The dominant noise was the music. The measured L10 was 63.7 dB(A) and the measured L90 was 57.9 dB(A). The Authorised level is 65 dB(A) so the measured noise complied with the Authorisation. I saved the record and reset the meter. I measured the calibrator for one minute and saved this record. The weather was 24 degrees C, OKTAS 1/8 and slight breeze that did not influence the measurement.

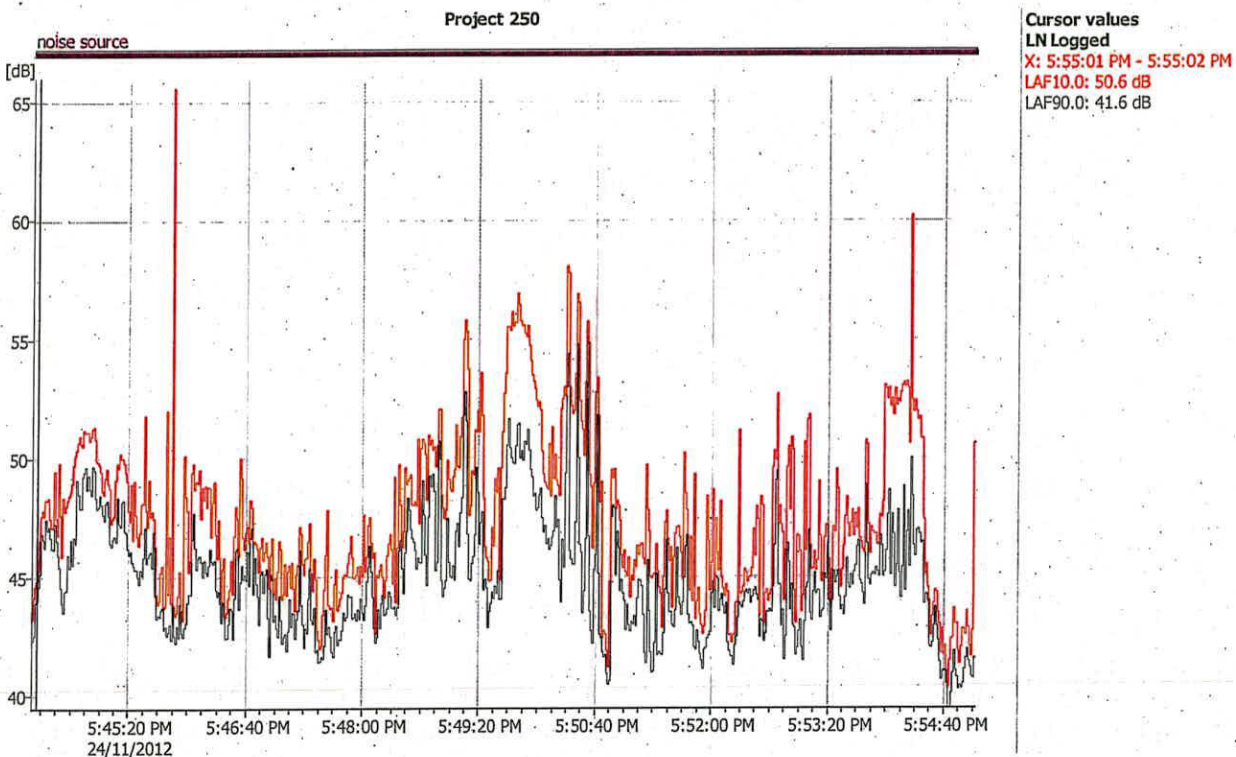
Discussed with Murray, completed notebook and then left. NFA at this time.

Amplified music being played at [REDACTED] Campbell, ACT  
measurement details 24 November 2012

• Calibration prior to validation noise measurement

	Start Time	Stop Time	Elapsed Time	LAeq [dB]	LAF Max [dB]	LAF Min [dB]	LAF10 [dB]	LAF90 [dB]	LAeq-LCeq [dB]
Value							94.2	94.0	0.0
Time	17.42.12	17.43.08	00.56						
Date	24/11/2012	24/11/2012							

• Validated noise measurement taken in rear yard of complainant's property at [REDACTED] Campbell, ACT.



	Start Time	Stop Time	Elapsed Time	LAeq [dB]	LAF Max [dB]	LAF Min [dB]	LAF10 [dB]	LAF90 [dB]	LAeq-LCeq [dB]
Value					68.3	39.3	50.2	42.6	0.0
Time	17.44.14	17.55.03	00.10.49						
Date	24/11/2012	24/11/2012							

• Calibration following validation measurement

	Start Time	Stop Time	Elapsed Time	LAeq [dB]	LAF Max [dB]	LAF Min [dB]	LAF10 [dB]	LAF90 [dB]	LAeq-LCeq [dB]
Value							94.2	94.0	0.0
Time	18.00.43	18.01.50	01.07						
Date	24/11/2012	24/11/2012							

- Calibration prior to Compliance Location measurement

	Start Time	Stop Time	Elapsed Time	LAeq [dB]	LAF Max [dB]	LAF Min [dB]	LAF10 [dB]	LAF90 [dB]	LAeq-LCeq [dB]
Value							94.2	94.0	0.0
Time	18.20.11	18.21.15	01.04						
Date	24/11/2012	24/11/2012							

- Noise measurement taken at Compliance Location at overpass in Allara St, Civic, ACT.



	Start Time	Stop Time	Elapsed Time	LAeq [dB]	LAF Max [dB]	LAF Min [dB]	LAF10 [dB]	LAF90 [dB]	LAeq-LCeq [dB]
Value					70.7	50.9	63.7	57.9	0.0
Time	18.21.58	18.31.38	00.10.04						
Date	24/11/2012	24/11/2012							

- Calibration following Compliance Location noise measurement

	Start Time	Stop Time	Elapsed Time	LAeq [dB]	LAF Max [dB]	LAF Min [dB]	LAF10 [dB]	LAF90 [dB]	LAeq-LCeq [dB]
Value							94.2	94.0	0.0
Time	18.34.49	18.35.15	00.26						
Date	24/11/2012	24/11/2012							

000021

**Location (noise source)**

Amplified music playing at  
Foreshore Concert  
Commonwealth Park  
PARKES, ACT 2600

**Operator**

Steve Thomas

**Equipment**

Bruel & Kjaer level meter Type 2250

Serial No: 2690227      Last Calibrated: Sept 2012

Bruel & Kjaer sound level calibrator type 4231

Serial No: 2691591      Last Calibrated: January 2012

Kestrel 200 Thermo wind meter K2000 460303

**Weather conditions:**

Cloud cover = 1/8 OKTAS , Wind speed: NNW @ 1 m/sec, Temperature: 24 degrees C.

**Site Name (site where noise was measured from)**

**Validation measurement** taken in rear yard of [REDACTED] Campbell, ACT. Sound level meter set on tripod at 1.2 metres from the ground. Nearest reflective surface was more than 1.5 metres away but I believe did not have any impact on measurement. This location was chosen as the most representative to how the complainant was affected. Noise measurement was not paused.

**Compliance location measurement** was taken on verge near overpass on Allara Street, CIVIC, ACT which was chosen as the compliance location in the Environmental Authorisation, ACT. Sound level meter set on tripod at 1.2 metres from the ground. There was no reflective surface nearby. Noise measurement was not paused.

**Keywords:**

Dominant noise during both measurements was amplified music being played at the Foreshore Concert, PARKES, ACT.

\*\* Noise measured in accordance with the ACT EPA Noise Measurement Manual 2009