



# Post Event Report

**AC/DC Power Up Tour  
14 & 18 December 2025**

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# Report Requirements

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## 1.0 Event Overview

Suncorp Stadium hosted two AC/DC concerts on 14 December and 18 December 2025. This is the first time AC/DC has performed at Suncorp Stadium. A total of 92,947 patrons attended over the two concert nights.

Due to the nature of the music, sound levels were anticipated to be at the upper limits of the restrictions. This was monitored throughout both concerts. Levels were compliant at all external measuring locations throughout both concerts.

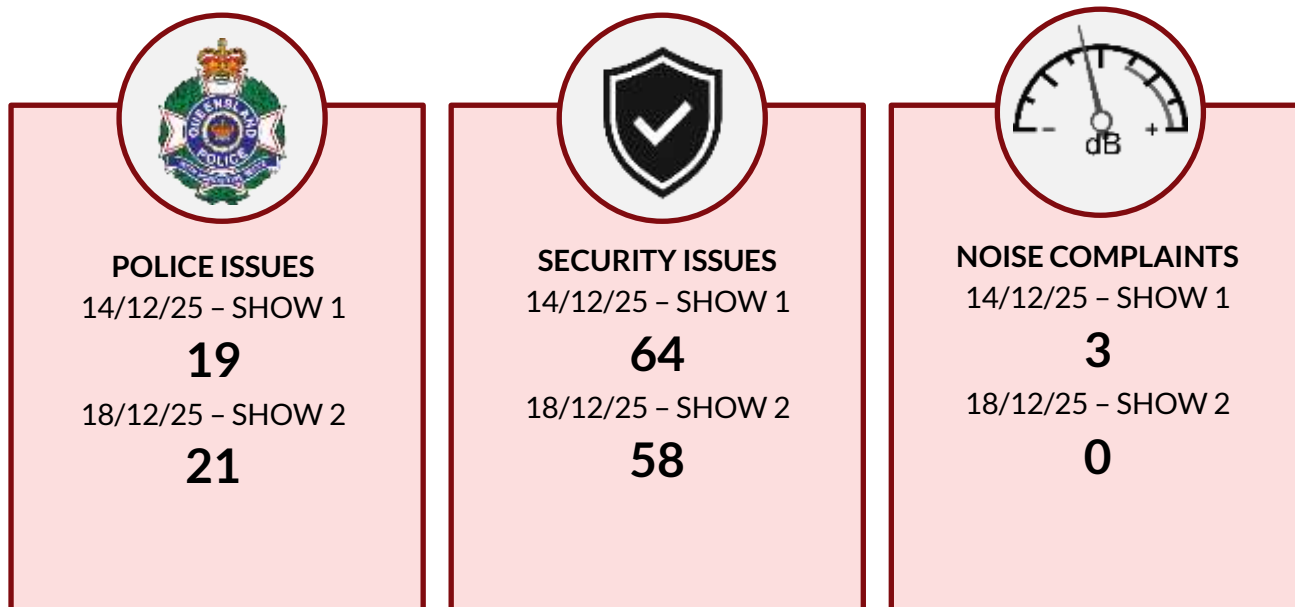
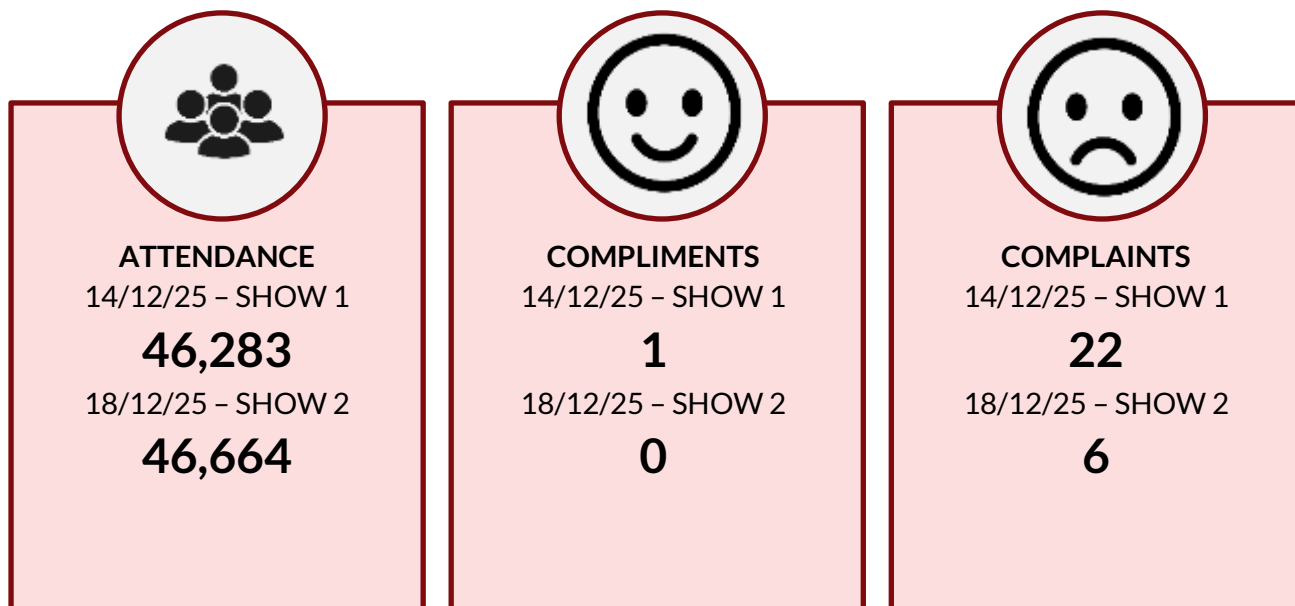
Detailed planning was undertaken to identify and minimise potential adverse impacts on the local community in accordance with the Major Sports Facilities Regulation 2014 for Special Events and the updated Major Sports Facilities Act 2001 (updated 31 October 2022)

A specific Operational and Transport & Traffic Management Plan was developed for the concert and presented to the Stadium Management Advisory Committee (SMAC), Transport Coordination Group (TCG) and Stadiums Queensland as required in the Regulations.

A dedicated Call Centre was established for the concert periods to enable the general public to contact the Stadium on any issues arising either during the bump-in, bump-out periods and during the concert itself. A local community letterbox drop was also conducted to provide residents and local businesses within the Lang Park Traffic Area with relevant information pertaining to the events.

## 2.0 Event Summary

Key deliverables for the concert event are:



## 2.1 Weather Conditions and Impacts

The weather conditions on both days were fine but warm. First Aid were on hand throughout the day and during the event to assist with patron welfare for the early queue patrons and those on the floor for an extended period of time.

Many medical cases reported were pre-existing conditions exacerbated by the heat.

To assist with the conditions, a number of measures were implemented to assist. This included additional medical staff, water stations, misting fans and staff providing water to patrons as well as reminders for patrons and staff to continue to remain hydrated.

## 3.0 Ticketing Operations

### 3.1 Concert Program

Running times for the concert were as follows:

|                     | Artist              | 14/12/25 | 18/12/25 |
|---------------------|---------------------|----------|----------|
| Public Entry Gates  |                     |          |          |
| Support Act 1 start | Headsend            | 1740     | 1740     |
| Support Act 2 start | Amyl & The Sniffers | 1830     | 1830     |
| Main Act start      | AC/DC               | 1959     | 1959     |
| Main Act end        | AC/DC               | 2216     | 2216     |

\*Start time was delayed as a result of storm activity around the venue

### 3.2 Ticket Sales

| SUNDAY 14 DECEMBER 2025 | SOLD   | ATTEND | %   |
|-------------------------|--------|--------|-----|
| Field – GA Standing 1   | 11,180 | 10,305 | 92% |
| Field – GA Standing 2   | 3,874  | 3,598  | 92% |
| Grandstand Seating      | 31,980 | 30,818 | 96% |
| Corporate Seating       | 1,618  | 1,562  | 96% |
| TOTAL SALES             | 48,652 | 46,283 | 95% |
| NO SHOWS                |        | 2,369  |     |

| THURSDAY 18 DECEMBER 2025 | SOLD   | ATTEND | %   |
|---------------------------|--------|--------|-----|
| Field – GA Standing 1     | 11,442 | 10,655 | 93% |
| Field – GA Standing 2     | 4,035  | 3,817  | 94% |
| Grandstand Seating        | 32,142 | 31,045 | 96% |
| Corporate Seating         | 1,193  | 1,147  | 96% |
| TOTAL SALES               | 48,812 | 46,664 | 95% |
| NO SHOWS                  |        | 2,148  |     |

### 3.3 Turnstile and Gate Activity

| SUNDAY 14<br>DECEMBER 2025 | TICKET<br>NUMBERS | %<br>CROWD     | OPEN TIME<br>PRE MAIN ACT |
|----------------------------|-------------------|----------------|---------------------------|
| Gate A                     | 8701              | 18.80%         | 3.0 hours                 |
| Gate B                     | 8280              | 17.89%         | 3.0 hours                 |
| Gate B-2                   | 3652              | 7.89%          | 3.0 hours                 |
| Gate C                     | 4624              | 9.99%          | 3.0 hours                 |
| Gate D                     | 10525             | 22.74%         | 3.0 hours                 |
| Gate E                     | 7743              | 16.73%         | 3.0 hours                 |
| Gate F                     | 560               | 1.21%          | 3.0 hours                 |
| Gate G – GA standing       | 1476              | 3.19%          | 3.0 hours                 |
| Master Hand Scanners       | 611               | 1.32%          | 3.0 hours                 |
| Vehicle entry              | 111               | 0.24%          |                           |
| <b>TOTAL</b>               | <b>46283</b>      | <b>100.00%</b> |                           |

*\* Includes usher tickets and test scans.*

| THURSDAY 18<br>DECEMBER 2025 | TICKET<br>NUMBERS | %<br>CROWD     | OPEN TIME<br>PRE MAIN ACT |
|------------------------------|-------------------|----------------|---------------------------|
| Gate A                       | 8419              | 18.08%         | 3.0 hours                 |
| Gate B                       | 9449              | 20.29%         | 3.0 hours                 |
| Gate B-2                     | 3777              | 8.11%          | 3.0 hours                 |
| Gate C                       | 4441              | 9.32%          | 3.0 hours                 |
| Gate D                       | 10668             | 22.91%         | 3.0 hours                 |
| Gate E                       | 6845              | 14.70%         | 3.0 hours                 |
| Gate F                       | 452               | 0.97%          | 3.0 hours                 |
| Gate G – GA standing         | 2385              | 5.12%          | 3.0 hours                 |
| Master Hand Scanners         | 131               | 0.28%          | 3.0 hours                 |
| Vehicle entry                | 97                | 0.21%          |                           |
| <b>TOTAL</b>                 | <b>46664</b>      | <b>100.00%</b> |                           |

*\* Includes usher tickets and test scans.*

### 3.4 Stadium Memberships

This event was not included in the Stadium Memberships Entitlements however Suncorp Stadium Life Ground Members were permitted to utilize their tickets. Suncorp Stadium Members were provided with a presale opportunity to purchase tickets for the event.

## 4.0 Local Resident Management

### 4.1 Call Centre Operations

The Stadium established a Concert Hotline for local residents and businesses. The Hotline was manned by trained Stadium staff during the following times:

|                           |             |
|---------------------------|-------------|
| Saturday 13 December 2025 | 0900 – 1700 |
| Sunday 14 December 2025   | 0900 – 2330 |
| Thursday 18 December 2025 | 0900 – 2330 |

To assist with major complaints or issues, Call Centre operators had direct access to the Stadium's main control room and management team to obtain specific advice.

The general Stadium number (07 3331 5000) was also operational during normal business hours as was the Stadium Security number (07 3331 5168) after hours. All calls logged by Call Centre operators were responded to by a return call from Stadium staff immediately.

### 4.2 Concert Hotline & SMS Report

Comments/Complaints received via the Call Centre and the SMS reporting system are as follows

|                         | 14/12/25 | 18/12/25 |
|-------------------------|----------|----------|
| <b>Patron Behaviour</b> | 17       | 1        |
| <b>Noise Complaint</b>  | 0        | 0        |
| <b>Security</b>         | 0        | 0        |
| <b>Smoking</b>          | 0        | 0        |
| <b>TOTAL</b>            | 17       | 1        |

### 4.3 Noise Monitoring

Arup conducted initial modelling to assist with the noise control measures during planning for the concert.

As part of this process, Arup monitored noise levels at 15 minute intervals from inside the Stadium at the mixing console which was located approximately 50 metres from the front of house loudspeakers. External noise monitoring was also conducted at the following locations as required by the Major Sports Facilities Regulation 2014:

- 8 / 5 Petrie Terrace, Brisbane
- 15 Plunkett Street, Paddington
- 36 Judge Street, Brisbane
- 26 Princess Street, Brisbane
- 31 Isaac Street, Milton

Arup measured noise in compliance with the Environmental Protection Agency's Noise Measurement Manual. During the events (including rehearsal and sound test), the Stadium ensured that one of its employees or contractors:

- (a) was present at the sound mixing desk (or in direct communication with the Sound Engineer for the event and was able to exercise ultimate control on the noise levels from the sound amplification equipment;
- (b) could conduct and communicate with all of the acoustic consultants conducting the monitoring of the noise levels from the events; and
- (c) was able to report sound levels to Stadium Management at all times

The MSFA Regulation requires that noise monitoring is carried out in accordance with the Queensland Government Environmental Protection (Noise) Policy 1997 (EPP Noise). Therefore the results of the noise monitoring analysis have been compared with the noise emission criteria specified schedule 3A "Acoustic Quality Compliance for Special Events" from this policy.

Arup noted that the internal Stadium criteria was complied with throughout the concert and during sound checks.

The Noise Monitoring report from this event is outlined within this document (*Attachment B*)

#### 4.4 Noise Issue Management

Whenever feedback was received regarding sound levels from the event, staff from Arup were requested to be dispatched to the locations (where possible) to obtain readings. This feedback may have come from a number of sources including social media, Hotline calls or emails to the venue.

The internal noise criterion was exceeded by 1 – 2 dB(A) throughout the concert on 14 December but complied with the criterion for the second concert on 18 December.

There were no exceedances at the external monitoring points.

There were three complaints received during the concert on 14 December:

- Manning Street, Milton – levels were 15 dB(A) below the external noise criterion
- Greenslopes – 8km from the stadium. Noise may have been from another source
- Cordelia Street, City – received the following morning but given the compliance closer to the stadium it is unlikely to have exceeded at that distance.

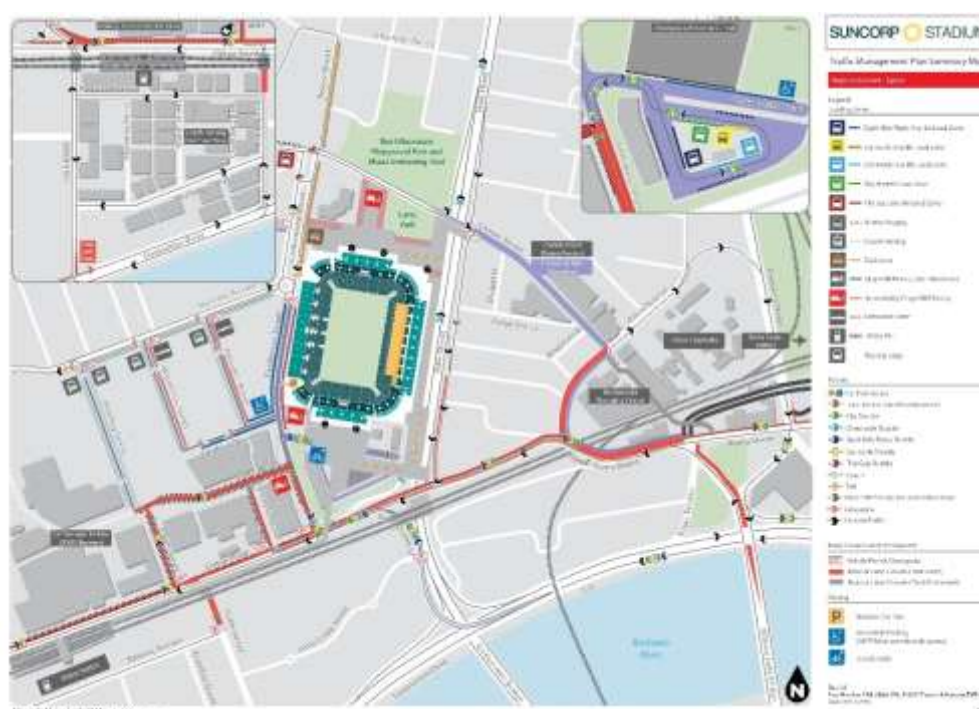
## 5.0 Transport and Traffic Management

### 5.1 Suncorp Stadium Traffic Management Plan

The venue has a number of levels for the Traffic Management Plan based on the expected crowd size:

|              |                         |
|--------------|-------------------------|
| NO PLAN:     | 0 – 5,000 patrons       |
| LOW PLAN:    | 5,001 – 15,000 patrons  |
| MEDIUM PLAN: | 15,001 – 28,000 patrons |
| HIGH PLAN:   | 28,001 – 45,000 patrons |
| MAJOR PLAN:  | 45,001+ patrons         |

Due to the crowd size for the events, the MAJOR Traffic Management Plan was implemented.



medical

## 5.2 Transport Services

### 5.2.1 Free Public Transport

As is standard practice for all events held at Suncorp Stadium, patrons were able to utilise free public transport from midday through to the last service of the day. This includes access to scheduled services as well as the dedicated event specific services implemented for the event.

These services are valid on all Transport for Brisbane bus services as well as any Queensland Rail City Network trains. Air train services and bus services not operated by Transport for Brisbane are not included.

A Transport Plan for a crowd of up to 49,999 was implemented for this event.

### 5.2.2 Buses

Transport for Brisbane ran dedicated services for the event for a period of 3 hours prior to the commencement of the main act.

Clearance time after the event was 1 hour for both events.

### 5.2.3 Trains

Due to the spread of patrons on arrival, regular city network services are able to manage the crowd numbers without additional services, however with special rail services to all regions were running for approximately 1 hour after the event.

### 5.2.4 Taxis

As always, demand for taxis was extremely high.

There were extensive delays post concert given the demographic and the numbers catching cabs rather than using the public transport system. All attempts were made to obtain additional taxis however there were still delays of patrons waiting for taxis. Staff suggested to patrons to utilize the regular public transport services or head towards the city to catch rides however many chose to remain and wait.

The venue will continue to work with QPS and Security to protect the integrity of the Traffic and Transport Plans which are designed to minimize traffic in the area for the benefit of local residents and the dispersal of patrons. This includes continuing to manage the access of ride sharing services.

### 5.2.5 Ride Share

As is standard policy, the venue does not provide dedicated ride sharing drop off and pick up locations. It's proposed this may be considered for future Transport Management Plan reviews.

### 5.2.6 Limousines

Limousine parking in Parkview and Mayneview Streets was monitored closely and in line with the usual arrangements for other major Stadium events. Barriers and Security guards were located at either end of Blaxland Street to ensure it was not used for drop-offs and pickups and Queensland Police were present in the street post-event to control noise and patron behavior. Limousine take-up for this event was very low.

### 5.2.7 Stadium Parking

Due to the nature of the event, internal stadium car parking is extremely limited with only Car Park 3 available for parking. This is generally limited to operational requirements only or VIP Parking needs.

## 6.0 Security and Crowd Management

Police and security numbers factor in crowd size, demographics and risk levels

### 6.1 General Admission (GA) Queuing

There were two General Admission sections on the field for this event. Due to the potential for early queues, services were installed on the Northern Plaza to help facilitate the comfort and service of patrons who chose to arrive and queue early for the event.

Services included:

- Marquees to provide shading for patrons
- Free water stations
- Misting fans
- Red Frogs volunteers distributing water and available for patron welfare
- Power for phone charging
- Staff to provide information and updates

Prior to gates opening, patrons were then queued in number order to enter the gate areas for entry to turnstiles.

Wristbanding was conducted inside the gates after they had scanned through to control wristband collection and minimize risks of unauthorized patrons accessing the GA area.

### 6.2 Patron Behaviour

Staff continually monitor patron behaviour throughout the event and reported a number of incidents as outlined below:

| NATURE OF INCIDENT           | 14/12/25  | 18/12/25  |
|------------------------------|-----------|-----------|
| Evictions – Intoxication     | 25        | 36        |
| Evictions – Patron Behaviour | 23        | 22        |
| Evictions – Smoking/Vaping   | 15        | 4         |
| Refusals of Entry            | 4         | 2         |
| Arrests                      | 1         | 3         |
| Notices to Appear            | 0         | 0         |
| Infringement Notices         | 6         | 0         |
| Contraband                   | 3         | 4         |
| Move On Directions           | 6         | 8         |
| <b>TOTAL</b>                 | <b>83</b> | <b>79</b> |

Two drones were also detected hovering near the venue. One was intercepted. The location of deployment was identified but the pilot was not found.

## 6.3 Risk Management

### 6.3.1 Emergency Management

The stadium applied its standard Risk Management procedures to all aspects of the concert and prepared contingency plans on additional risks associated with the specific nature of the concert involving emergency field evacuation and severe weather. As each concert is different, plans are revised based on the stage layout. Neither plan needed to be activated.

### 6.3.2 Risk Management - Field Patrons

The venue in association with Risk Management team assess the field names based on a number of factors including:

- Total linear width of egress pathways (in both normal and emergency mode)
- Stage configuration
- Risks of emergency associated with pyrotechnics and special effects
- Crowd Demographics

Catering, Toilet and merchandise facilities are made available at field level for patrons on the floor to avoid the need to go back to the main concourse. Additional messaging on the screens were also provided to assist in providing information to patrons.

Industrial size fans have been installed in Car Park 1 to assist with airflow and reduction of temperatures in the car park during concert events. This proved positive with a noticeable cooling in the car park area.

All patrons from the floor are directed up to the main concourse (Level 3 from the field) for egress. To ease congestion on concourse levels some aisle ways from the floor are blocked to avoid converging crowds. Patrons are directed to all open aisles. In addition the mid tier LED screens were also used to deliver directional messaging for patrons to direct to their nearest egress point.

### 6.2.3 Medical and First Aid

First Aid and Medical staff were on site for the duration of the event to assist with any patron injuries/health issues.

There was a significant number of medical issues, primarily related to heat/nausea. These were related heavily due to the weather conditions, duration of the event. Many GA patrons refused to leave their position once in place to use facilities or obtain water. The venue implemented continuous water on the barrier to assist staff in providing water to patrons.

The venue employed Red Frogs to assist with water distribution within the GA areas. Following the number of incidents in the first two shows, additional Red Frogs staff were able to access the front barriers to assist with water distribution.

## ATTACHMENT A: Patron Feedback

### A1 Post Event Complaints and Compliments

| NATURE OF FEEDBACK         | 14/12/25 | 18/12/25 |
|----------------------------|----------|----------|
| Ticketing – Viewing        | 2        | 1        |
| Ticketing – General        | 1        | 1        |
| Ticketing - Categories     | 0        | 0        |
| Sound Quality              | 5        | 1        |
| Patron Behaviour           | 0        | 1        |
| Staffing                   | 7        | 1        |
| Public Transport           | 0        | 0        |
| Local Residents/Businesses | 2        | 0        |
| Operations                 | 2        | 1        |
| Catering                   | 1        | 0        |
| General Feedback           | 2        | 0        |

The Stadium website and social media platforms were used to communicate important event information for both shows. All incoming messages were monitored, and questions answered where necessary. Patron feedback from the concert was received. The venue received over 15,000 positive reactions & shares across social media posts regarding the concert. 20

All complaints were responded to and feedback distributed to the relevant areas.

## ATTACHMENT B: Acoustic Consultant Noise Monitoring Report

**Suncorp Stadium**

# Suncorp Stadium Concert Noise Monitoring AC/DC Concerts – December 2025

## Event Noise Monitoring Report

Reference: PR\_C008\_313474-00\_ACDC\_Concerts\_02JM

Revision 02 | 19 December 2025



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This report takes into account the particular instructions and requirements of our client. It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party.

Job number 313474-00

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Document Verification

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AC/DC – December 2025  
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Document ref PR\_C008\_313474-00\_ACDC\_Concerts\_02JM  
File reference PR\_C008\_313474-00\_ACDC\_Concerts\_02JM

| Revision | Date             | Filename    | PR_C008_313474-00_ACDC_Concert_01JM                                                 |                                                                                      |                                                                                       |
|----------|------------------|-------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 01       | 15 December 2025 | Description | Concert 1 only                                                                      |                                                                                      |                                                                                       |
|          |                  |             | Prepared by                                                                         | Checked by                                                                           | Approved by                                                                           |
|          |                  | Name        | Julie McDonagh                                                                      | Michael Clayton                                                                      | Julie McDonagh                                                                        |
|          |                  | Signature   |   |   |   |
| 02       | 19 December 2025 | Filename    | PR_C008_313474-00_ACDC_Concerts_02JM                                                |                                                                                      |                                                                                       |
|          |                  | Description | Concerts 1 & 2                                                                      |                                                                                      |                                                                                       |
|          |                  |             | Prepared by                                                                         | Checked by                                                                           | Approved by                                                                           |
|          |                  | Name        |                                                                                     |                                                                                      |                                                                                       |
|          |                  | Signature   |  |  |  |
|          |                  | Filename    |                                                                                     |                                                                                      |                                                                                       |
|          |                  | Description |                                                                                     |                                                                                      |                                                                                       |
|          |                  |             | Prepared by                                                                         | Checked by                                                                           | Approved by                                                                           |
|          |                  | Name        |                                                                                     |                                                                                      |                                                                                       |
|          |                  | Signature   |                                                                                     |                                                                                      |                                                                                       |

Issue Document Verification with Document ☐

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## Executive Summary

This report summarises the results of noise monitoring carried out during the AC/DC line and soundchecks on 12 December and concerts on 14 & 18 December 2025 at Suncorp Stadium, in accordance with Clause 8 of the Major Sports Facilities Authority (MSFA) Amendment Regulation (No.1) 2006, under the Sports Facilities Act 2001.

Noise monitoring was carried out at the five residential sites surrounding the stadium, as specified in Clause 7 of the MSFA Regulation. In addition, monitoring was carried out at an internal location, representative of the mixing console, within the stadium bowl to provide comparison against the external monitoring sites.

The MSFA Regulation requires that noise monitoring is carried out in accordance with the Queensland Government Environmental Protection (Noise) Policy 1997 (EPP Noise). Note that subsequent revisions of the EPP Noise do not affect the requirements of the MSFA Regulation. Therefore, the results of the noise monitoring analysis have been compared with the noise emission criteria, as specified in schedule 3A "Acoustic Quality Compliance for Special Events" of this policy.

The analysis indicates that the attended noise measurements complied with internal stadium criterion for the sound checks and both support bands. The internal noise criterion was exceeded by 1-2 dB(A) throughout the AC/DC set on 14 December but complied with the criterion for the second concert on 18 December for all time periods.

Measured noise levels associated with the sound checks and concerts complied with the EPA "Special Events" external noise criterion of LAeq,15min 70 dB(A) at all the nominated external monitoring locations throughout the sound checks and the concerts for all time periods on the 12, 14 & 18 December.

We understand that there were three complaints relating to Concert 1 on 14 December as follows:

- The first was from 18 Manning Street. Measurements were recorded at this location and found to be 55 dB(A) which is 15 dB(A) below the external noise criterion.
- The second complaint was received from a premises in Greenslopes. This location is approximately 8km from the stadium. Given the distance from the stadium, it is possible that the noise experienced at this location was from another source.
- Another complaint was received on the morning following the concert from 1 Cordelia Street, so measurements were not able to be recorded at that location. It should be noted that this location is 900m away from the stadium, so the criterion was unlikely to be exceeded given that noise levels complied at locations much closer to the stadium.

We understand that there were no complaints relating to Concert 2 on 18 December.

It was noted that there were light primarily northeasterly wind conditions, during the line, sound checks and concerts between 12 & 14 December, which are likely to have influenced the noise emissions from the stadium to sound louder than usual to the south and west of the stadium, and quieter than usual on the eastern side. There were some light showers on 12 & 13 December prior to the line checking but this is unlikely to have affected any of the measurements.

It was noted that there were also light primarily southeasterly to northeasterly wind conditions, during the line and sound checks and calm conditions during the concert on 18 December, which may have resulted in subjectively quieter noise levels on the southern and western side of the stadium for Concert 2 compared to Concert 1.

## 1. Referenced Documents

The following documents have been referenced during preparation of this report:

- "MSFA Amendment Regulation (No.1) 2006" – Queensland Government.
- Environmental Protection and Other Legislation Amendment Act (No. 2) 2008 (EPOLA No. 2)
- "Environmental Protection (Noise) Amendment Policy 1997" (Reprint No.3) as part of the Environmental Protection Act 1994 – Queensland Environmental Protection Agency.
- "Suncorp Stadium, State of Origin 2003 - Noise Impact Assessment Report" – Hyder Consulting
- "Suncorp Stadium, Robbie Williams Concert - Noise Impact Assessment Report" – Hyder Consulting
- "Suncorp Stadium, The Police Concert - Noise Impact Assessment Report" – Hyder Consulting
- "Suncorp Stadium, Andre Rieu Concert – Noise Impact Assessment Report" – Hyder Consulting
- "Suncorp Stadium, U2 Concert – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Bon Jovi Concert – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Justin Bieber Concert – Noise Monitoring Report" - Cardno.
- "Suncorp Stadium, Worlds Biggest Orchestra World Record Attempt – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Taylor Swift Concert 2013 – Noise Monitoring Report" - Cardno).
- "Suncorp Stadium, Bon Jovi Concert 2013 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Eminem Concert 2014 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, One Direction Concert 2015 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Foo Fighters Concert 2015 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Ed Sheeran Concert 2015 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Taylor Swift Concert 2015 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Coldplay Concert 2016 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Justin Bieber Concert March 2017 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Paul McCartney Concert December 2017 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Foo Fighters Concert January 2018 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Ed Sheeran Concerts March 2018 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Bon Jovi Concert December 2018 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Phil Collins Concert January 2019 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, U2 Concert November 2019 – Noise Monitoring Report" - Cardno
- "Suncorp Stadium, Queen Concert February 2020 – Noise Monitoring Report" - Cardno

- “Suncorp Stadium, Guns ‘n’ Roses Concert November 2022 – Noise Monitoring Report” – Cardno
- “Suncorp Stadium, Elton John Concert January 2023 – Noise Monitoring Report” – Stantec
- “Suncorp Stadium, Red Hot Chilli Peppers Concert January 2023 – Noise Monitoring Report” – Stantec
- “Suncorp Stadium, Ed Sheeran Concerts March 2023 – Noise Monitoring Report” – Stantec
- “Suncorp Stadium, Paul McCartney Concert November 2023 – Noise Monitoring Report” – Protest Engineering.
- “Suncorp Stadium, Motley Crue & Def Leppard Concert November 2023 – Noise Monitoring Report” – Protest Engineering.
- “Suncorp Stadium, Foo Fighters Concert December 2023– Noise Monitoring Report” – Protest Engineering.
- “Suncorp Stadium, Pink Concert February & March 2024– Noise Monitoring Report” – Protest Engineering.
- “Suncorp Stadium, Travis Scott Concert October 2024– Noise Monitoring Report” – PTG Consulting.
- “Suncorp Stadium, Luke Combs Concert January 2025 – Noise Monitoring Report” – PTG Consulting.
- “Suncorp Stadium, Metallica Concert November 2025 – Noise Monitoring Report” – Arup
- “Suncorp Stadium, Lady Gaga Concert December 2025 – Noise Monitoring Report” – Arup

## 2. Noise Emission Criteria

It should be noted that the EPP (Noise) 1997, which forms part of the EPA 1994, has been superseded by the EPA 2019. However, the Environmental Protection and Other Legislation Amendment Act (No. 2) 2008 (EPOLA No. 2), allows for the previous criteria contained within the EPA 1994 to be retained for special events at Suncorp Stadium, in accordance with the MSFA Regulation (No 1) 2006. Therefore, the following assessment EPA 1994 criteria applies to amplified concert event noise emissions from the Stadium:

### 3.1. State Government EPA Criteria

The unattended noise monitors were configured to measure noise levels, as follows:

The EPA Criteria for "Special Events" is as follows:

Schedule 3A - Acoustic quality compliance for special events:

*Acoustic quality compliance levels*

- 1) *An acoustic quality compliance level is authorised for a special event if the level is equal to or less than at least one of the following.*
  - a) *100 dB(A) Leq, measured at 15-minute intervals, measured at a point 50m directly in front of the front edge of the performance stage.*
  - b) *70 dB(A) Leq, measured at 15-minute intervals, measured at the locations mentioned in the Major Sports Facilities Regulation 2002, schedule 2, section 7(1).*
- 2) *To remove any doubt, it is declared that subsection (1) is satisfied even if the level measured is greater than 1 of the levels stated in the subsection.*

MSFA Regulation (No 1) 2006

#### **\*7 Noise**

- 1) *During the event, including rehearsals and sound tests, the operator must ensure that the noise levels from the event are continuously monitored by a suitably qualified acoustic consultant at, or as near as practicable to, the following locations –*
  - *8.5 Petrie Terrace, City*
  - *15 Plunkett Street, Paddington*
  - *<sup>(1)</sup>36 Judge Street, City*
  - *26 Princess Street, City*
  - *31 Isaac Street, Milton*
- 2) *The operator must ensure the taking of the noise measurements complies with the Environmental Protection Agency's Noise Measurement Manual.*
- 3) *During the event, including rehearsals and sound tests, the Authority must ensure that 1 of its employees or its agent –*
  - a) *is present at the sound mixing desk for the event and is able to exercise ultimate control on the noise levels from the sound amplification equipment; and*
  - b) *can conduct and communicate with all of the acoustic consultants conducting the monitoring of the noise levels from the event.*

Notes:

1. The original monitoring location in this area was 105 Hale Street. However, an alternative, nearby location has subsequently been selected. It was found from previous concerts, that 105 Hale Street was not an ideal monitoring site given the high levels of traffic noise incident on the site from Hale Street. The traffic noise was found to affect the monitored levels, resulting in difficulty in determining compliance. Therefore, 36 Judge Street was selected as being close to the original location but further away from Hale Street, and therefore, less affected by road traffic noise.

## 3. Noise Monitoring Methodology

### 3.1. Noise Monitoring Locations

Continuous noise monitoring was conducted within the stadium bowl to determine whether internal noise levels complied with MSFA criteria. External noise monitoring was also conducted at the following locations, as required by the MSFA Regulation:

- 8.5 Petrie Terrace
- 15 Plunkett Street
- 36 Judge Street
- 26 Princess Street.
- 31 Isaac Street

The above external locations relative to the stadium are shown in Appendix A.

Continuous noise monitoring was also conducted within the stadium bowl, to provide correlation with external noise levels.

### 3.2. Monitoring Methodology

The event noise monitoring was conducted to provide a co-ordinated set of noise level data at the five MSFA external locations and inside the stadium. Noise level loggers were installed at locations 1, 2, 3, 4, 5, and inside the stadium bowl at a location representative of the usual location at the mixing console.

The AC/DC production comprised of a traditional stage layout at the northern end of the stadium with the mixing desk located approximately 55 metres from the front of house speakers. Monitoring was undertaken at this location as per the legislation.

Manual noise measurements were recorded using sound level meters at locations 1 to 5 and inside the stadium, to confirm the results of the noise loggers, identify any extraneous noise sources not associated with stadium noise emissions, and determine whether the criterion was being exceeded inside or outside the stadium.

There were line and sound checks carried out on 12 December two days prior to Concert 1 providing intermittent audible noise emissions externally between 15:00 and 16:00. Line and sound checks were also carried out on the day of the concerts on 14 & 18 December between 11:00 and 14:00.

The general schedule was as follows:

#### 3.2.1. Friday, 12 December 2025

**15:00 and 16:00** Backing tracks through the PA / Line checks / House PA / Supports Soundcheck

#### Sunday, 14 December 2025

**11:00 to 14:00:** Backing tracks through the PA / Line checks / Music Through the PA

**17:00 to 17:40:** Background Music

**17:40 to 18:10:** 1<sup>st</sup> Support - Headsend

**18:30 to 19:30:** 2<sup>nd</sup> Support – Amyl and the Sniffers

**20:10 to 22:30:** Main Act – AC/DC

**Thursday, 18 December 2025**

|                 |                                                                    |
|-----------------|--------------------------------------------------------------------|
| 11:00 to 14:00: | Backing tracks through the PA / Line checks / Music Through the PA |
| 17:00 to 17:40: | Background Music                                                   |
| 17:40 to 18:10: | 1 <sup>st</sup> Support - Headsend                                 |
| 18:30 to 19:30: | 2 <sup>nd</sup> Support – Amyl and the Sniffers                    |
| 20:00 to 22:15: | Main Act – AC/DC                                                   |

**3.3. Instrumentation**

Appendix B lists the instrumentation used for the noise monitoring. Calibration of all instrumentation was conducted before and after the measurement session with no significant (less than  $\pm 0.5$  dB(A)) drift in calibration noted.

All noise logger clocks were synchronised with the noise logger installed in the stadium to ensure a coherent set of measurement data.

**3.4. Weather Conditions**

Appendix C lists the weather conditions during the measurement session.

The weather conditions were fine with some cloud throughout the monitoring period.

It was noted that there were light primarily northeasterly wind conditions, during the line, sound checks and concerts which are likely to have influenced the noise emissions from the stadium to sound louder than usual to the south and west of the stadium, and quieter than usual on the eastern side. There were some light showers on 12 & 13 December prior to the line checking but this is unlikely to have affected any of the measurements.

It was noted that there were also light primarily southeasterly to northeasterly wind conditions, during the line and sound checks and calm conditions during the concert on 18 December, which may have resulted in subjectively quieter noise levels on the southern and western side of the stadium for Concert 2 compared to Concert 1.

## 4. Noise Monitoring Results

The results from the noise monitoring for 12 to 14 & 18 December are shown graphically in Figure 1 to Figure 10. The charts show the following information:

- Noise levels measured in the stadium in terms of  $L_{Aeq,15min}$ , or the equivalent continuous noise level during each 15-minute sample period.
- Noise levels measured at each external location in terms of  $L_{Aeq,15min}$  noise levels.
- The  $L_{Aeq,15min}$  relevant noise goal.

Figure 1: External Noise Measurements - Site 1 - 6/8 Petrie Terrace on 12-14 December 2025.

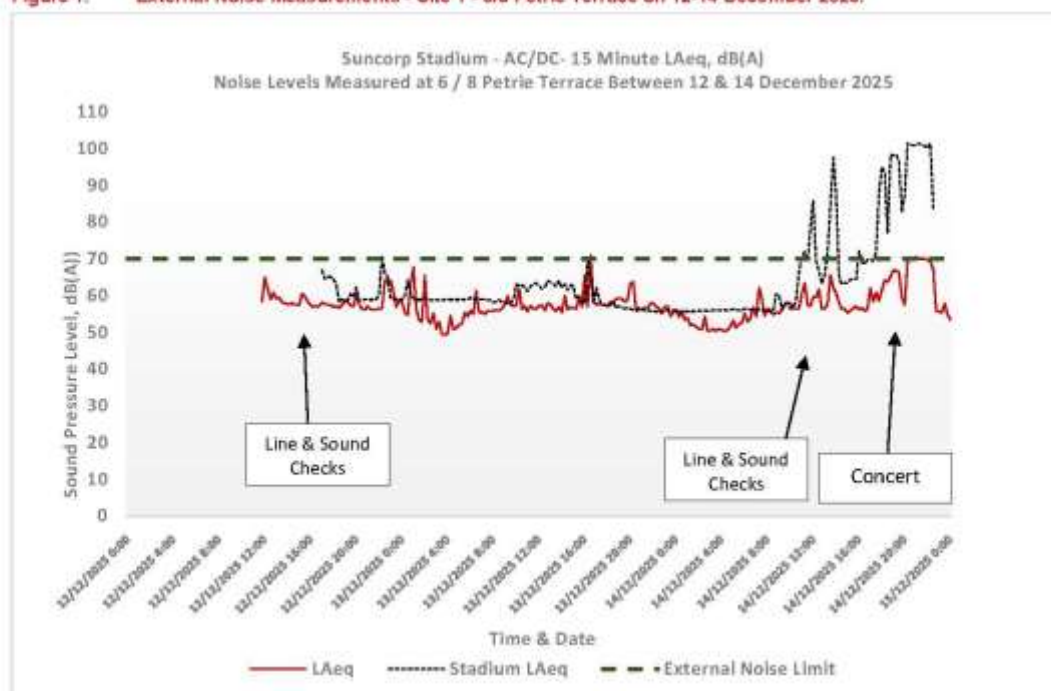


Figure 2: External Noise Measurements - Site 1 - 6/8 Petrie Terrace on 18 December 2025.

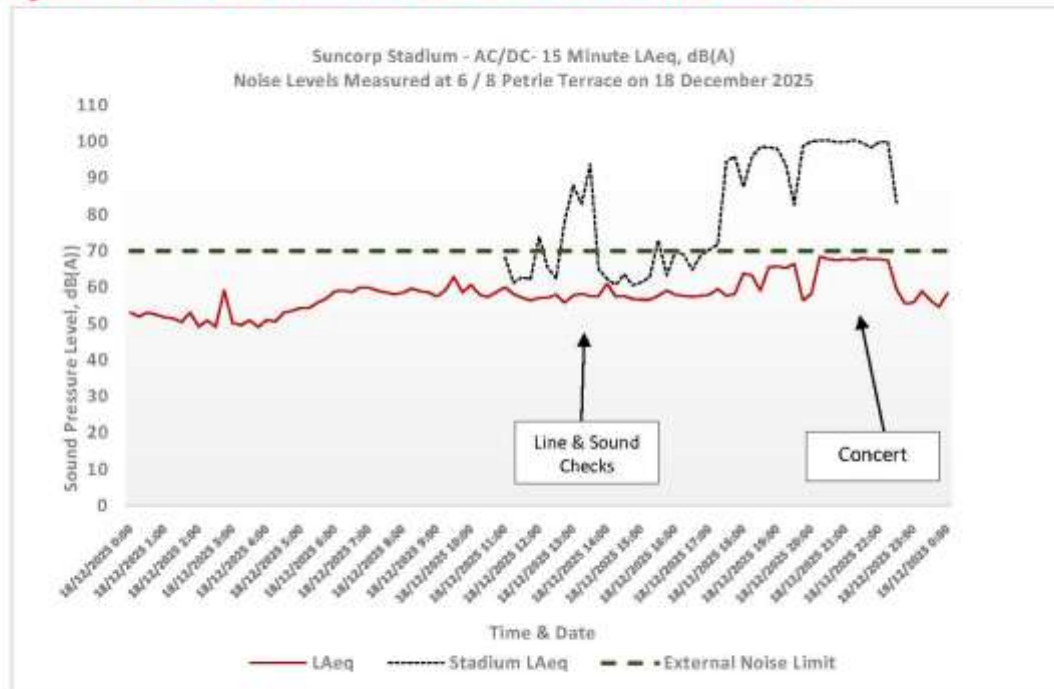
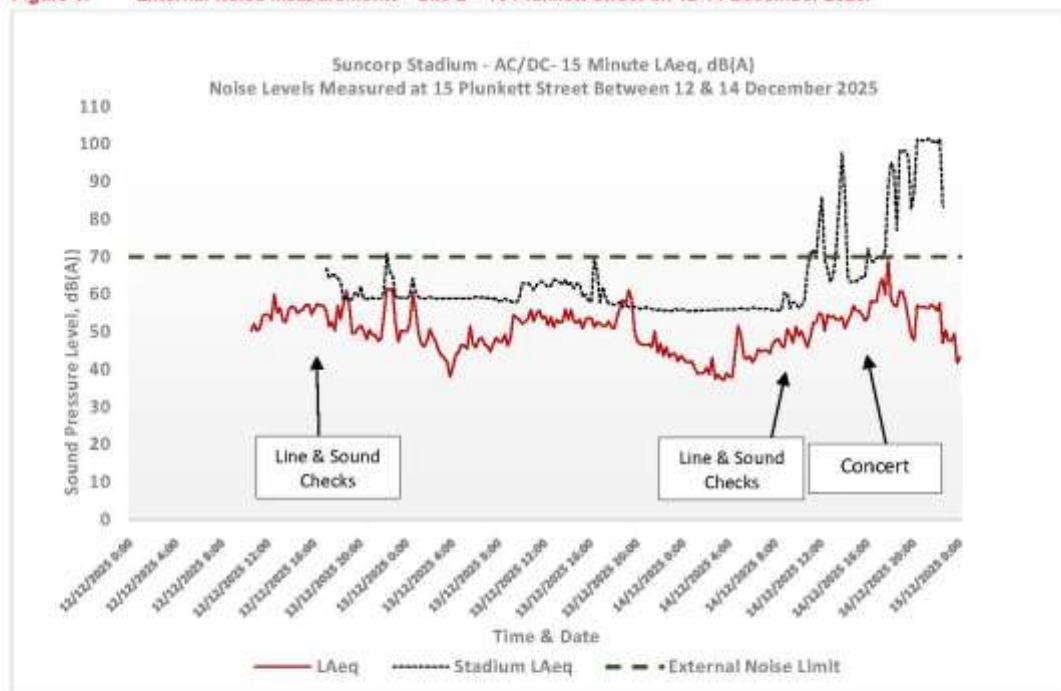
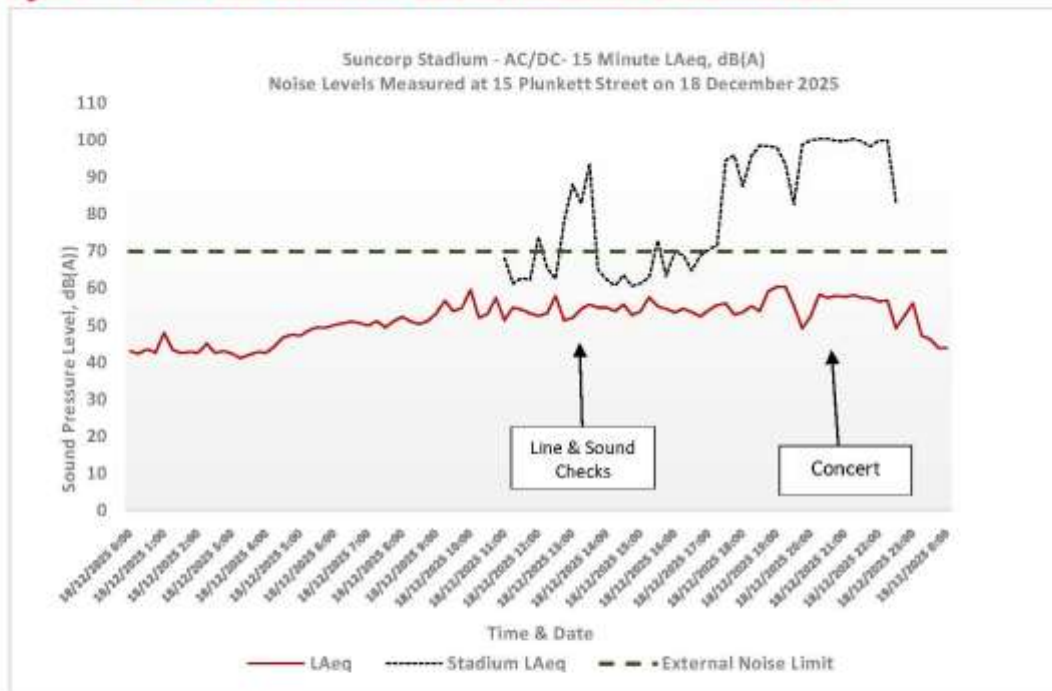


Figure 3: External Noise Measurements - Site 2 - 15 Plunkett Street on 12-14 December 2025.



**Figure 4: External Noise Measurements - Site 2 – 15 Plunkett Street on 18 December 2025.**



**Figure 5: External Noise Measurements - Site 3 – 36 Judge Street on 12-14 December 2025.**

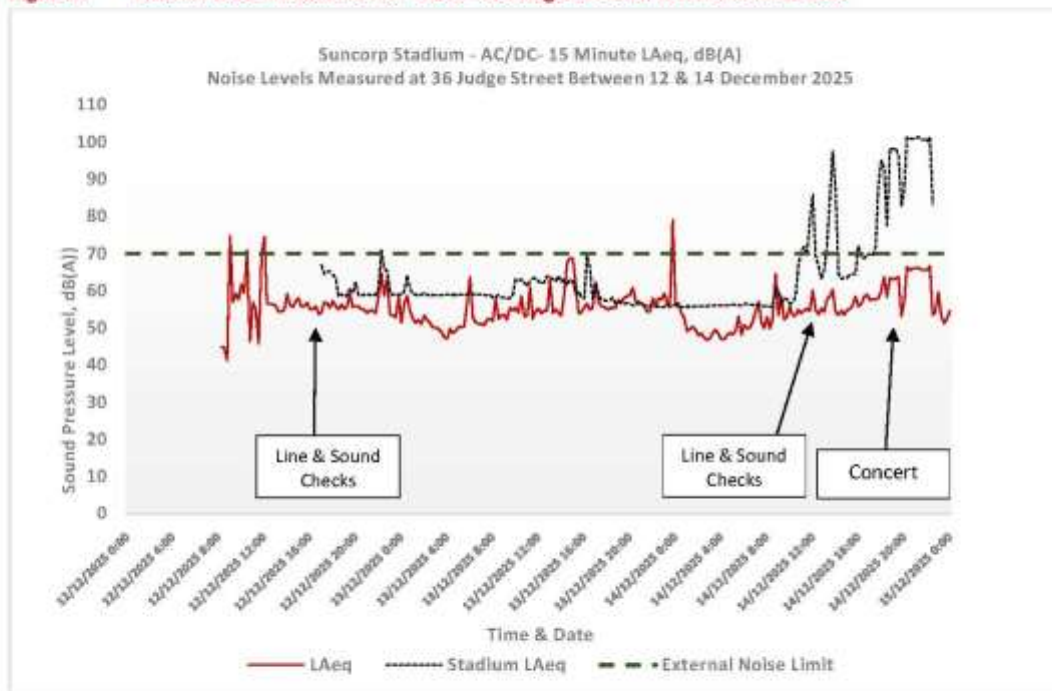


Figure 6: External Noise Measurements - Site 3 – 36 Judge Street on 18 December 2025.

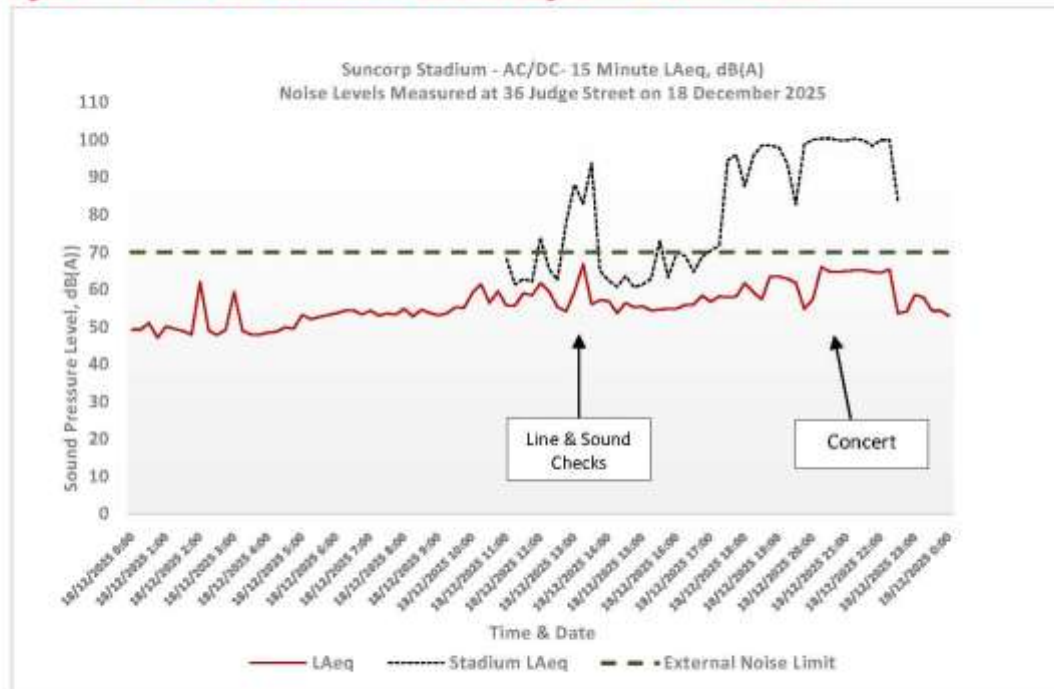
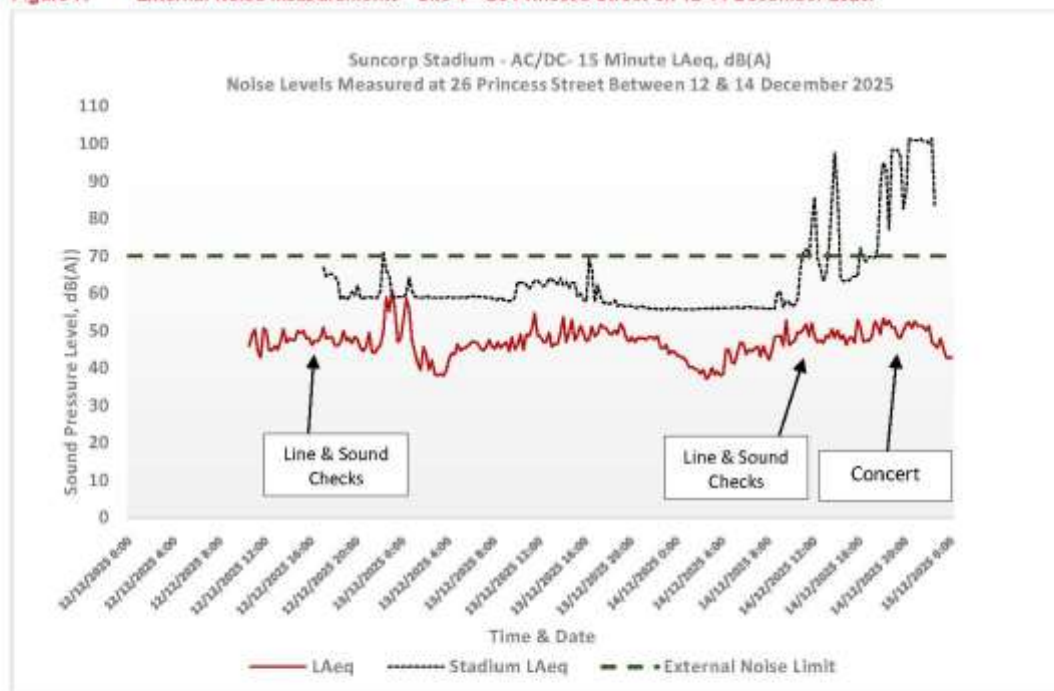
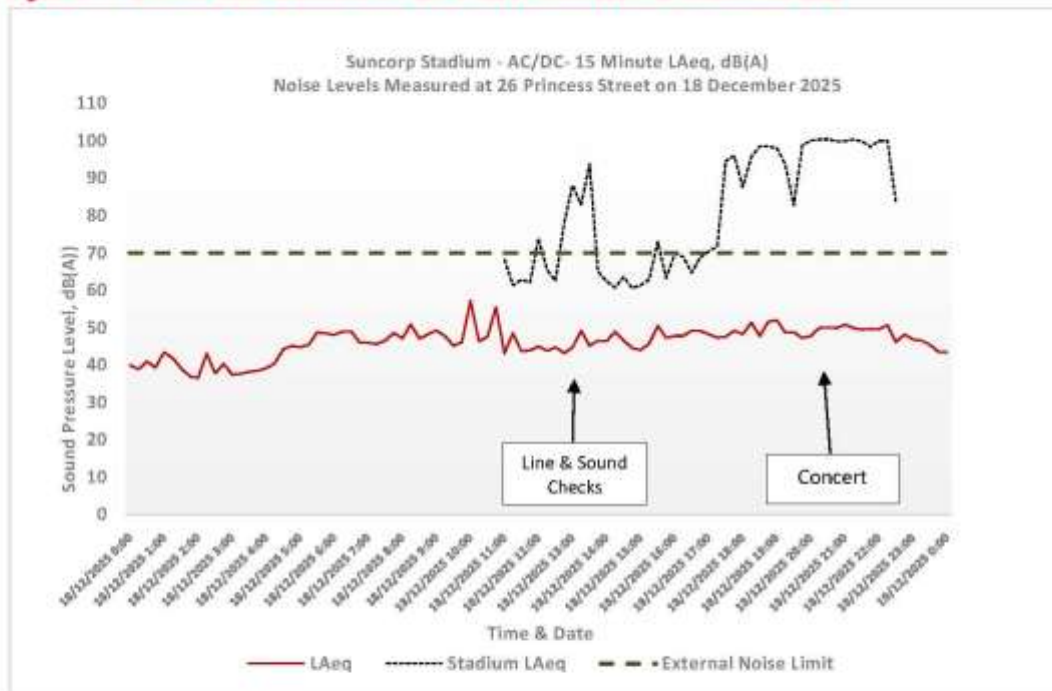


Figure 7: External Noise Measurements - Site 4 – 26 Princess Street on 12-14 December 2025.



**Figure 8: External Noise Measurements - Site 4 – 26 Princess Street on 18 December 2025.**



**Figure 9: External Noise Measurements - Site 5 – 31 Isaac Street on 12-14 December 2025.**

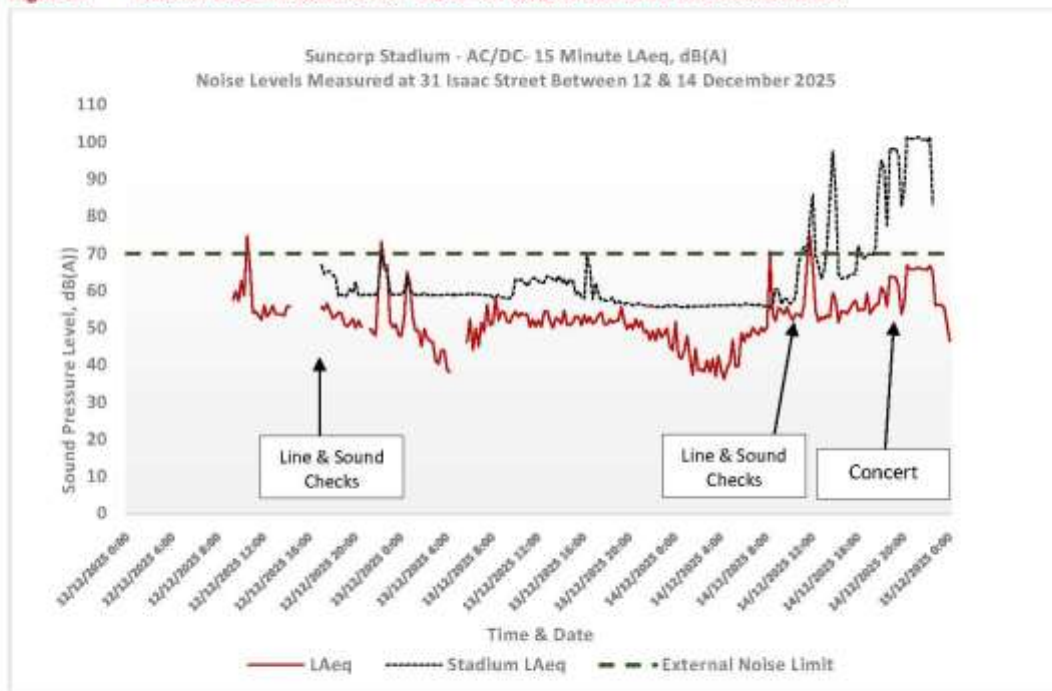
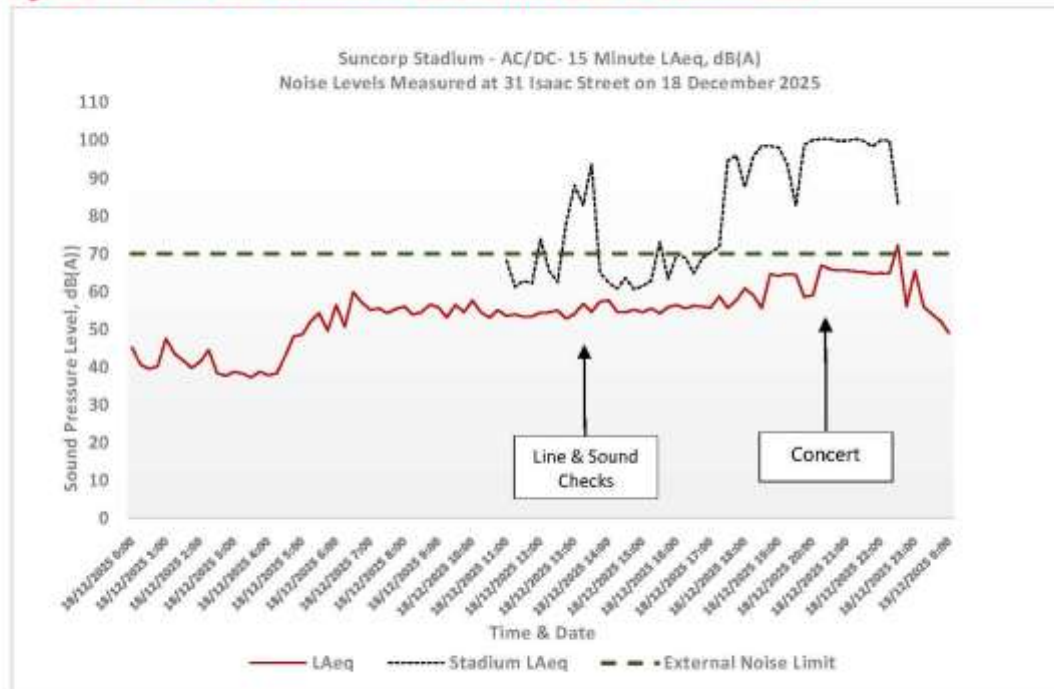


Figure 10: External Noise Measurements - Site 5 – 31 Isaac Street on 18 December 2025.



The above graphs indicate that the noise levels measured externally, were generally independent of the sound check noise levels inside the stadium at Princess and Plunkett Street but affected by the Stadium noise level at the locations closest to the Stadium (Locations 1, 3 and 5).

The concert was audible to some extent at all locations during the sound checks and the concerts. There were loud levels of ambient noise noted at some of the locations that included mechanical plant, aircraft, helicopters, ambulances, mowers, neighbours talking, trucks idling, fauna and local road traffic, which were not associated with noise emissions from the stadium, particularly at Petrie Terrace, Princess and Isaac Streets.

It was noted that there were light primarily northeasterly wind conditions, during the line, sound checks and concerts which are likely to have influenced the noise emissions from the stadium to sound louder than usual to the south and west of the stadium, and quieter than usual on the eastern side. There were some light showers on 12 & 13 December prior to the line checking but this is unlikely to have affected any of the measurements.

It was noted that there were also light primarily southeasterly to northeasterly wind conditions, during the line and sound checks and calm conditions during the concert on 18 December, which may have resulted in subjectively quieter noise levels on the southern and western side of the stadium for Concert 2 compared to Concert 1.

The unattended measurements recorded were observed to vary considerably, as can be seen in Figure 1 to Figure 9. This was generally observed to be due to concert noise, during the soundchecks and the concert, at the locations closest to the stadium. However, additional ambient conditions that could have potentially affected the external noise measurements were noted at each site and are detailed below in Table 1.

**Table 1: Summary of External Site Measurement Conditions and Extraneous Noise Sources**

| Site                | Measurement Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1<br>8.5 Petrie Tce | Road traffic on Petrie Terrace and Hale Street was the primary sources of ambient noise during the day on all three days with some aircraft flyovers. Crowd noise from the stadium and the concert and sound checks (primarily guitar, vocals and bass) were clearly audible during the soundchecks and concert and were the primary source of noise once the roads in the surrounding area had been closed. Pyrotechnics during the AC/DC sets were noted to be louder than the concert.                                                                                                                                   |
| 2<br>15 Plunkett St | The concert was audible at times. Vocals were faintly audible during the sound check and the concert. The crowd was audible at times. Ambient noise consisted of regular traffic pass-bys on Dowse Street and local road traffic on Plunkett Street and some ambulances on Given Terrace. Distant traffic and ambulances on Given Terrace and Hale Street and noise from neighbouring residences was the main source of noise in the absence of local traffic on 12 & 14 December. Pyrotechnics during the AC/DC sets were noted to be louder than the concert.                                                             |
| 3<br>36 Judge St    | Concert and sound checks were clearly audible at this location. Distant hum of traffic from Hale Street and Caxton Street, some residential air-conditioning, some construction noise, ambulances on Hale Street and car pass-bys on Judge Street were the main noise sources in addition to concert noise from the stadium. Some continuous plant noise from nearby licensed premises was also continuously audible throughout the monitoring periods. Pyrotechnics during the AC/DC sets were noted to be louder than the concert.                                                                                        |
| 4<br>26 Princess St | During the sound check and concert, concert and crowd noise would have been faintly audible based on the measured levels and the weather conditions, especially the pyrotechnics during the AC/DC set. The primary source of noise at this location was local air-conditioners, distant traffic noise, some fauna noise (during the evening periods) and car pass-bys on Princess Street.                                                                                                                                                                                                                                   |
| 5<br>31 Isaac St    | Concert and sound checks were clearly audible at this location. Road traffic noise on Isaac Street and Council trucks deploying road closure barriers, were the main source of noise during the sound checks and concert with one or two aircraft and ambulance sirens during the sound checks, as well as continuous air-conditioner noise from local residences and long periods of time with neighbours mowing / using power tools (on 14 December), (the mowing – power tool noise data has been removed from Figure 9 above for clarity). Pyrotechnics during the AC/DC sets were noted to be louder than the concert. |

## 5. Analysis

Table 2 summarises the unattended measured (logger)  $L_{Aeq,15min}$  noise levels for the line, sound checks and concerts. Noise measurements were recorded at all times during the sound checks and concerts when music was audible outside the Stadium.

The  $L_{Aeq,15min}$  event noise levels reported below in Table 2 are based on an analysis of the noise logger data measured at each of the monitoring locations. Supplementary manual measurements were also carried out at these locations (Table 3) and generally agreed with those recorded by the loggers. There were some differences due to the slightly different time periods, the dynamic nature of the shows, and the difference in height between the noise logger and attended sound level meter microphones.

Table 2: Continuous Logger  $L_{Aeq,15min}$  Noise Levels, 12 & 14 December 2025, Line & Sound Checks & Concert

| Date                    | Time (recorded Previous 15 Minutes) | Sound Checks & Concert |                       |                        |                     |                     |
|-------------------------|-------------------------------------|------------------------|-----------------------|------------------------|---------------------|---------------------|
|                         |                                     | (6)<br>Stadium         | (1)<br>Petrie Terrace | (2)<br>Plunkett Street | (3)<br>Judge Street | (5)<br>Isaac Street |
| <b>Criteria</b>         |                                     | <b>100</b>             | <b>70</b>             | <b>70</b>              | <b>70</b>           | <b>70</b>           |
| 12/12/2025              | 15:00                               | -                      | 58                    | 56                     | 58                  | -                   |
| 12/12/2025              | 15:15                               | -                      | 61                    | 57                     | 56                  | -                   |
| 12/12/2025              | 15:30                               | -                      | 60                    | 57                     | 56                  | 56                  |
| 12/12/2025              | 15:45                               | -                      | 59                    | 55                     | 57                  | -                   |
| 12/12/2025              | 16:00                               | -                      | 58                    | 56                     | 55                  | -                   |
| 12/12/2025              | 16:15                               | -                      | 57                    | 58                     | 55                  | -                   |
| 12/12/2025              | 16:30                               | -                      | 57                    | 57                     | 56                  | -                   |
| 12/12/2025              | 16:45                               | -                      | 57                    | 57                     | 54                  | -                   |
| 12/12/2025              | 17:00                               | 67                     | 58                    | 56                     | 54                  | 56                  |
| 12/12/2025              | 17:15                               | 65                     | 58                    | 52                     | 57                  | 55                  |
| 12/12/2025              | 17:30                               | 65                     | 58                    | 53                     | 57                  | 57                  |
| 12/12/2025              | 17:45                               | 65                     | 58                    | 50                     | 55                  | 55                  |
| 12/12/2025              | 18:00                               | 64                     | 57                    | 57                     | 57                  | 53                  |
| 12/12/2025              | 18:15                               | 63                     | 57                    | 56                     | 56                  | 53                  |
| 12/12/2025              | 18:30                               | 58                     | 57                    | 57                     | 55                  | 54                  |
| 12/12/2025              | 18:45                               | 59                     | 58                    | 57                     | 56                  | 54                  |
| 12/12/2025              | 19:00                               | 58                     | 59                    | 55                     | 55                  | 51                  |
| 12/12/2025              | 19:15                               | 59                     | 58                    | 56                     | 56                  | 50                  |
| 12/12/2025              | 19:30                               | 60                     | 57                    | 58                     | 59                  | 51                  |
| 12/12/2025              | 19:45                               | 60                     | 57                    | 57                     | 56                  | 52                  |
| 12/12/2025              | 20:00                               | 62                     | 60                    | 57                     | 56                  | 50                  |
| <b>14 December 2025</b> |                                     |                        |                       |                        |                     |                     |
| 14/12/2025              | 10:15                               | 57                     | 57                    | 50                     | 53                  | 52                  |
| 14/12/2025              | 10:30                               | 59                     | 57                    | 48                     | 53                  | 54                  |
| 14/12/2025              | 10:45                               | 67                     | 57                    | 46                     | 55                  | 54                  |
| 14/12/2025              | 11:00                               | 71                     | 61                    | 49                     | 54                  | 53                  |
| 14/12/2025              | 11:15                               | 72                     | 63                    | 52                     | 55                  | 56                  |
| 14/12/2025              | 11:30                               | 70                     | 57                    | 53                     | 55                  | 67                  |
| 14/12/2025              | 11:45                               | 79                     | 57                    | 55                     | 55                  | 75                  |
| 14/12/2025              | 12:00                               | 86                     | 60                    | 55                     | 60                  | 67                  |
| 14/12/2025              | 12:15                               | 69                     | 60                    | 50                     | 55                  | 55                  |
| 14/12/2025              | 12:30                               | 67                     | 62                    | 55                     | 54                  | 52                  |
| 14/12/2025              | 12:45                               | 63                     | 56                    | 54                     | 55                  | 53                  |
| 14/12/2025              | 13:00                               | 66                     | 57                    | 54                     | 54                  | 52                  |
| 14/12/2025              | 13:15                               | 72                     | 58                    | 53                     | 58                  | 53                  |
| 14/12/2025              | 13:30                               | 85                     | 66                    | 53                     | 58                  | 53                  |
| 14/12/2025              | 13:45                               | 98                     | 62                    | 54                     | 60                  | 59                  |
| 14/12/2025              | 14:00                               | 87                     | 61                    | 51                     | 54                  | 57                  |
| 14/12/2025              | 14:15                               | 65                     | 58                    | 53                     | 54                  | 52                  |
| 14/12/2025              | 14:30                               | 63                     | 56                    | 55                     | 55                  | 55                  |
| 14/12/2025              | 14:45                               | 64                     | 57                    | 57                     | 54                  | 54                  |
| 14/12/2025              | 15:00                               | 63                     | 55                    | 56                     | 55                  | 54                  |
| 14/12/2025              | 15:15                               | 64                     | 56                    | 56                     | 55                  | 55                  |
| 14/12/2025              | 15:30                               | 65                     | 57                    | 55                     | 56                  | 56                  |
| 14/12/2025              | 15:45                               | 65                     | 57                    | 53                     | 58                  | 57                  |
| 14/12/2025              | 16:00                               | 72                     | 56                    | 54                     | 56                  | 55                  |

| Date                    | Time (recorded Previous 15 Minutes) | Sound Checks & Concert |                       |                        |                     |                        |                     |
|-------------------------|-------------------------------------|------------------------|-----------------------|------------------------|---------------------|------------------------|---------------------|
|                         |                                     | (6)<br>Stadium         | (1)<br>Petrie Terrace | (2)<br>Plunkett Street | (3)<br>Judge Street | (4)<br>Princess Street | (5)<br>Isaac Street |
| <b>Criteria</b>         |                                     | <b>100</b>             | <b>70</b>             | <b>70</b>              | <b>70</b>           | <b>70</b>              | <b>70</b>           |
| 14/12/2025              | 16:15                               | 69                     | 57                    | 58                     | 56                  | 47                     | 55                  |
| 14/12/2025              | 16:30                               | 69                     | 56                    | 58                     | 58                  | 47                     | 55                  |
| 14/12/2025              | 16:45                               | 70                     | 56                    | 58                     | 59                  | 47                     | 59                  |
| 14/12/2025              | 17:00                               | 70                     | 62                    | 62                     | 58                  | 49                     | 54                  |
| 14/12/2025              | 17:15                               | 70                     | 58                    | 64                     | 58                  | 53                     | 55                  |
| 14/12/2025              | 17:30                               | 72                     | 61                    | 60                     | 58                  | 51                     | 56                  |
| 14/12/2025              | 17:45                               | 88                     | 59                    | 70                     | 58                  | 49                     | 56                  |
| 14/12/2025              | 18:00                               | 95                     | 62                    | 59                     | 60                  | 53                     | 61                  |
| 14/12/2025              | 18:15                               | 93                     | 64                    | 57                     | 64                  | 52                     | 60                  |
| 14/12/2025              | 18:30                               | 77                     | 64                    | 57                     | 58                  | 53                     | 56                  |
| 14/12/2025              | 18:45                               | 98                     | 65                    | 61                     | 63                  | 51                     | 64                  |
| 14/12/2025              | 19:00                               | 98                     | 67                    | 61                     | 63                  | 51                     | 64                  |
| 14/12/2025              | 19:15                               | 98                     | 67                    | 58                     | 63                  | 49                     | 64                  |
| 14/12/2025              | 19:30                               | 97                     | 66                    | 53                     | 64                  | 48                     | 61                  |
| 14/12/2025              | 19:45                               | 83                     | 60                    | 49                     | 53                  | 50                     | 54                  |
| 14/12/2025              | 20:00                               | 87                     | 58                    | 48                     | 57                  | 52                     | 57                  |
| 14/12/2025              | 20:15                               | 101                    | 70                    | 57                     | 66                  | 52                     | 67                  |
| 14/12/2025              | 20:30                               | 101                    | 70                    | 57                     | 66                  | 51                     | 66                  |
| 14/12/2025              | 20:45                               | 101                    | 70                    | 57                     | 66                  | 53                     | 66                  |
| 14/12/2025              | 21:00                               | 101                    | 70                    | 57                     | 66                  | 51                     | 66                  |
| 14/12/2025              | 21:15                               | 101                    | 70                    | 56                     | 66                  | 51                     | 66                  |
| 14/12/2025              | 21:30                               | 101                    | 70                    | 57                     | 66                  | 51                     | 66                  |
| 14/12/2025              | 21:45                               | 101                    | 70                    | 57                     | 66                  | 50                     | 66                  |
| 14/12/2025              | 22:00                               | 100                    | 70                    | 56                     | 66                  | 51                     | 66                  |
| 14/12/2025              | 22:15                               | 101                    | 69                    | 58                     | 67                  | 47                     | 67                  |
| 14/12/2025              | 22:30                               | 83                     | 67                    | 47                     | 54                  | 46                     | 65                  |
| <b>18 December 2025</b> |                                     |                        |                       |                        |                     |                        |                     |
| 18/12/2025              | 10:15                               |                        | 58                    | 52                     | 61                  | 46                     | 55                  |
| 18/12/2025              | 10:30                               |                        | 57                    | 53                     | 56                  | 48                     | 53                  |
| 18/12/2025              | 10:45                               |                        | 59                    | 57                     | 60                  | 56                     | 55                  |
| 18/12/2025              | 11:00                               | 68                     | 60                    | 51                     | 56                  | 43                     | 54                  |
| 18/12/2025              | 11:15                               | 61                     | 58                    | 55                     | 56                  | 49                     | 54                  |
| 18/12/2025              | 11:30                               | 63                     | 57                    | 54                     | 59                  | 44                     | 53                  |
| 18/12/2025              | 11:45                               | 62                     | 56                    | 53                     | 58                  | 44                     | 53                  |
| 18/12/2025              | 12:00                               | 74                     | 57                    | 53                     | 62                  | 45                     | 54                  |
| 18/12/2025              | 12:15                               | 66                     | 57                    | 53                     | 60                  | 44                     | 55                  |
| 18/12/2025              | 12:30                               | 63                     | 58                    | 58                     | 55                  | 45                     | 55                  |
| 18/12/2025              | 12:45                               | 78                     | 56                    | 51                     | 54                  | 43                     | 53                  |
| 18/12/2025              | 13:00                               | 88                     | 58                    | 52                     | 60                  | 45                     | 54                  |
| 18/12/2025              | 13:15                               | 83                     | 58                    | 54                     | 67                  | 49                     | 57                  |
| 18/12/2025              | 13:30                               | 94                     | 58                    | 56                     | 56                  | 45                     | 55                  |
| 18/12/2025              | 13:45                               | 65                     | 58                    | 55                     | 57                  | 47                     | 57                  |
| 18/12/2025              | 14:00                               | 62                     | 61                    | 55                     | 57                  | 46                     | 58                  |
| 18/12/2025              | 14:15                               | 61                     | 58                    | 54                     | 54                  | 49                     | 55                  |
| 18/12/2025              | 14:30                               | 64                     | 58                    | 56                     | 56                  | 47                     | 55                  |
| 18/12/2025              | 14:45                               | 61                     | 57                    | 53                     | 55                  | 45                     | 55                  |
| 18/12/2025              | 15:00                               | 61                     | 57                    | 54                     | 56                  | 44                     | 55                  |
| 18/12/2025              | 15:15                               | 63                     | 57                    | 58                     | 54                  | 46                     | 56                  |
| 18/12/2025              | 15:30                               | 73                     | 58                    | 55                     | 55                  | 51                     | 54                  |
| 18/12/2025              | 15:45                               | 63                     | 59                    | 54                     | 55                  | 47                     | 56                  |
| 18/12/2025              | 16:00                               | 70                     | 58                    | 53                     | 55                  | 48                     | 56                  |
| 18/12/2025              | 16:15                               | 69                     | 58                    | 55                     | 56                  | 48                     | 56                  |
| 18/12/2025              | 16:30                               | 65                     | 58                    | 54                     | 56                  | 49                     | 56                  |
| 18/12/2025              | 16:45                               | 69                     | 58                    | 52                     | 58                  | 49                     | 56                  |
| 18/12/2025              | 17:00                               | 70                     | 58                    | 54                     | 57                  | 48                     | 56                  |
| 18/12/2025              | 17:15                               | 72                     | 60                    | 56                     | 58                  | 47                     | 59                  |
| 18/12/2025              | 17:30                               | 95                     | 58                    | 56                     | 58                  | 48                     | 56                  |
| 18/12/2025              | 17:45                               | 96                     | 58                    | 53                     | 58                  | 49                     | 58                  |
| 18/12/2025              | 18:00                               | 88                     | 64                    | 54                     | 62                  | 48                     | 61                  |
| 18/12/2025              | 18:15                               | 96                     | 63                    | 55                     | 59                  | 51                     | 59                  |
| 18/12/2025              | 18:30                               | 99                     | 59                    | 54                     | 57                  | 48                     | 56                  |
| 18/12/2025              | 18:45                               | 99                     | 66                    | 59                     | 64                  | 52                     | 65                  |

| Date            | Time (recorded Previous 15 Minutes) | Sound Checks & Concert |                       |                        |                     |                        |                     |
|-----------------|-------------------------------------|------------------------|-----------------------|------------------------|---------------------|------------------------|---------------------|
|                 |                                     | (6)<br>Stadium         | (1)<br>Petrie Terrace | (2)<br>Plunkett Street | (3)<br>Judge Street | (4)<br>Princess Street | (5)<br>Isaac Street |
| <b>Criteria</b> |                                     | <b>100</b>             | <b>70</b>             | <b>70</b>              | <b>70</b>           | <b>70</b>              | <b>70</b>           |
| 18/12/2025      | 19:00                               | 98                     | 66                    | 60                     | 64                  | 52                     | 64                  |
| 18/12/2025      | 19:15                               | 94                     | 65                    | 61                     | 63                  | 49                     | 65                  |
| 18/12/2025      | 19:30                               | 83                     | 67                    | 55                     | 62                  | 49                     | 64                  |
| 18/12/2025      | 19:45                               | 99                     | 56                    | 49                     | 55                  | 47                     | 59                  |
| 18/12/2025      | 20:00                               | 100                    | 58                    | 53                     | 57                  | 48                     | 59                  |
| 18/12/2025      | 20:15                               | 100                    | 69                    | 58                     | 66                  | 50                     | 67                  |
| 18/12/2025      | 20:30                               | 100                    | 68                    | 57                     | 65                  | 50                     | 66                  |
| 18/12/2025      | 20:45                               | 100                    | 68                    | 58                     | 65                  | 50                     | 66                  |
| 18/12/2025      | 21:00                               | 100                    | 68                    | 58                     | 65                  | 51                     | 66                  |
| 18/12/2025      | 21:15                               | 100                    | 68                    | 58                     | 65                  | 50                     | 65                  |
| 18/12/2025      | 21:30                               | 100                    | 68                    | 58                     | 65                  | 50                     | 65                  |
| 18/12/2025      | 21:45                               | 98                     | 68                    | 57                     | 65                  | 50                     | 65                  |
| 18/12/2025      | 22:00                               | 100                    | 68                    | 56                     | 65                  | 50                     | 65                  |
| 18/12/2025      | 22:15                               | 100                    | 68                    | 57                     | 65                  | 51                     | 65                  |
| 18/12/2025      | 22:30                               | 83                     | 59                    | 49                     | 54                  | 46                     | *72                 |

\*Noise Level due to ambient noise sources and not noise from the stadium.

Table 3: Manually Recorded Noise Levels, 8 & 9 December 2025 – Line & Sound Checks & Concert

| Date            | Time (recorded Previous 15 Minutes) | Sound Checks & Concert |                       |                        |                     |                        |                     |
|-----------------|-------------------------------------|------------------------|-----------------------|------------------------|---------------------|------------------------|---------------------|
|                 |                                     | (6)<br>Stadium         | (1)<br>Petrie Terrace | (2)<br>Plunkett Street | (3)<br>Judge Street | (4)<br>Princess Street | (5)<br>Isaac Street |
| <b>Criteria</b> |                                     | <b>100</b>             | <b>70</b>             | <b>70</b>              | <b>70</b>           | <b>70</b>              | <b>70</b>           |
| 14/12/2025      | 11:00                               | -                      | -                     | -                      | -                   | 47                     | -                   |
| 14/12/2025      | 11:15                               | -                      | 60                    | -                      | -                   | 50                     | 57                  |
| 14/12/2025      | 11:30                               | 65                     | 56                    | -                      | -                   | 49                     | 61                  |
| 14/12/2025      | 11:45                               | 80                     | 56                    | -                      | -                   | 50                     | 68                  |
| 14/12/2025      | 12:00                               | 86                     | 58                    | -                      | -                   | 52                     | 63                  |
| 14/12/2025      | 12:15                               | 64                     | 58                    | -                      | -                   | 49                     | 57                  |
| 14/12/2025      | 12:30                               | 59                     | 58                    | -                      | -                   | 52                     | 51                  |
| 14/12/2025      | 12:45                               | 60                     | 54                    | -                      | -                   | 48                     | 53                  |
| 14/12/2025      | 13:00                               | 60                     | 54                    | -                      | -                   | 47                     | 53                  |
| 14/12/2025      | 13:15                               | 70                     | 54                    | -                      | -                   | 48                     | 54                  |
| 14/12/2025      | 13:30                               | 85                     | 54                    | -                      | -                   | 47                     | 53                  |
| 14/12/2025      | 13:45                               | 98                     | 61                    | -                      | -                   | 49                     | 58                  |
| 14/12/2025      | 14:00                               | 88                     | 56                    | -                      | -                   | 48                     | 58                  |
| 14/12/2025      | 14:15                               | -                      | -                     | -                      | -                   | 50                     | -                   |
| 14/12/2025      | 14:30                               | -                      | -                     | -                      | -                   | 48                     | -                   |
| 14/12/2025      | 14:45                               | -                      | -                     | -                      | -                   | 50                     | -                   |
| 14/12/2025      | 15:00                               | -                      | -                     | -                      | -                   | 48                     | -                   |
| 14/12/2025      | 15:15                               | -                      | -                     | -                      | -                   | 49                     | -                   |
| 14/12/2025      | 15:30                               | -                      | -                     | -                      | -                   | 46                     | -                   |
| 14/12/2025      | 15:45                               | -                      | -                     | -                      | -                   | 48                     | -                   |
| 14/12/2025      | 16:00                               | -                      | -                     | -                      | -                   | 48                     | -                   |
| 14/12/2025      | 16:15                               | -                      | -                     | -                      | -                   | 47                     | -                   |
| 14/12/2025      | 16:30                               | -                      | -                     | -                      | -                   | 53                     | -                   |
| 14/12/2025      | 16:45                               | 74                     | -                     | -                      | 58                  | 51                     | 62                  |
| 14/12/2025      | 17:00                               | 73                     | -                     | -                      | 58                  | 47                     | 54                  |
| 14/12/2025      | 17:15                               | 72                     | -                     | -                      | 59                  | 47                     | 56                  |
| 14/12/2025      | 17:30                               | 73                     | -                     | -                      | -                   | 47                     | 57                  |
| 14/12/2025      | 17:45                               | 89                     | -                     | -                      | 59                  | 49                     | 60                  |
| 14/12/2025      | 18:00                               | 95                     | -                     | -                      | 61                  | 53                     | 61                  |
| 14/12/2025      | 18:15                               | 95                     | -                     | -                      | 64                  | 51                     | 59                  |
| 14/12/2025      | 18:30                               | 80                     | -                     | -                      | -                   | 49                     | -                   |
| 14/12/2025      | 18:45                               | 99                     | 65                    | 60                     | -                   | 53                     | -                   |
| 14/12/2025      | 19:00                               | 99                     | 65                    | 60                     | -                   | 52                     | -                   |
| 14/12/2025      | 19:15                               | 99                     | 65                    | 55                     | -                   | 53                     | -                   |
| 14/12/2025      | 19:30                               | 97                     | 63                    | 52                     | -                   | 51                     | -                   |
| 14/12/2025      | 19:45                               | 83                     | -                     | -                      | -                   | 51                     | -                   |
| 14/12/2025      | 20:00                               | 88                     | -                     | -                      | 57                  | 49                     | 53                  |
| 14/12/2025      | 20:15                               | 102                    | -                     | -                      | 67                  | 48                     | 64                  |
| 14/12/2025      | 20:30                               | 101                    | -                     | -                      | 66                  | 50                     | 62                  |

| Date                    | Time (recorded Previous 15 Minutes) | Sound Checks & Concert |                       |                        |                     |                        |                     |
|-------------------------|-------------------------------------|------------------------|-----------------------|------------------------|---------------------|------------------------|---------------------|
|                         |                                     | (6)<br>Stadium         | (1)<br>Petrie Terrace | (2)<br>Plunkett Street | (3)<br>Judge Street | (4)<br>Princess Street | (5)<br>Isaac Street |
| <b>Criteria</b>         |                                     | <b>100</b>             | <b>70</b>             | <b>70</b>              | <b>70</b>           | <b>70</b>              | <b>70</b>           |
| 14/12/2025              | 20:45                               | 102                    | -                     | -                      | 67                  | 52                     | 63                  |
| 14/12/2025              | 21:00                               | 102                    | -                     | 54                     | 67                  | 52                     | -                   |
| 14/12/2025              | 21:15                               | 101                    | 68                    | 55                     | -                   | 51                     | -                   |
| 14/12/2025              | 21:30                               | 102                    | 68                    | -                      | -                   | 53                     | -                   |
| 14/12/2025              | 21:45                               | 101                    | 68                    | -                      | -                   | 51                     | 63                  |
| 14/12/2025              | 22:00                               | 100                    | 67                    | -                      | -                   | 51                     | 63                  |
| 14/12/2025              | 22:15                               | 101                    | -                     | 56                     | 68                  | 51                     | -                   |
| 14/12/2025              | 22:30                               | -                      | -                     | -                      | 53                  | 50                     | -                   |
| <b>18 December 2025</b> |                                     |                        |                       |                        |                     |                        |                     |
| 18/12/2025              | 11:00                               | -                      | -                     | -                      | -                   | 43                     | -                   |
| 18/12/2025              | 11:15                               | -                      | -                     | -                      | -                   | 49                     | 56                  |
| 18/12/2025              | 11:30                               | -                      | -                     | -                      | 55                  | 44                     | 56                  |
| 18/12/2025              | 11:45                               | 60                     | -                     | -                      | 53                  | 44                     | 62                  |
| 18/12/2025              | 12:00                               | 60                     | -                     | -                      | -                   | 45                     | 57                  |
| 18/12/2025              | 12:15                               | 70                     | 55                    | -                      | -                   | 44                     | 57                  |
| 18/12/2025              | 12:30                               | 72                     | 51                    | -                      | -                   | 45                     | 56                  |
| 18/12/2025              | 12:45                               | 58                     | 52                    | -                      | -                   | 43                     | 54                  |
| 18/12/2025              | 13:00                               | 67                     | 52                    | -                      | -                   | 45                     | 56                  |
| 18/12/2025              | 13:15                               | 88                     | 57                    | -                      | -                   | 49                     | 59                  |
| 18/12/2025              | 13:30                               | 83                     | 58                    | -                      | -                   | 45                     | 56                  |
| 18/12/2025              | 13:45                               | 90                     | 55                    | -                      | -                   | 47                     | 58                  |
| 18/12/2025              | 14:00                               | 92                     | 53                    | -                      | -                   | 46                     | 58                  |
| 18/12/2025              | 14:15                               | -                      | -                     | -                      | -                   | 49                     | -                   |
| 18/12/2025              | 14:30                               | -                      | -                     | -                      | -                   | 47                     | -                   |
| 18/12/2025              | 14:45                               | -                      | -                     | -                      | -                   | 45                     | -                   |
| 18/12/2025              | 15:00                               | -                      | -                     | -                      | -                   | 44                     | -                   |
| 18/12/2025              | 15:15                               | -                      | -                     | -                      | -                   | 46                     | -                   |
| 18/12/2025              | 15:30                               | -                      | -                     | -                      | -                   | 51                     | -                   |
| 18/12/2025              | 15:45                               | -                      | -                     | -                      | -                   | 47                     | -                   |
| 18/12/2025              | 16:00                               | -                      | -                     | -                      | -                   | 48                     | -                   |
| 18/12/2025              | 16:15                               | -                      | -                     | -                      | -                   | 48                     | -                   |
| 18/12/2025              | 16:30                               | -                      | -                     | -                      | -                   | 49                     | -                   |
| 18/12/2025              | 16:45                               | -                      | -                     | -                      | -                   | 49                     | -                   |
| 18/12/2025              | 17:00                               | -                      | -                     | -                      | -                   | 48                     | -                   |
| 18/12/2025              | 17:15                               | 69                     | -                     | -                      | 53                  | 47                     | 62                  |
| 18/12/2025              | 17:30                               | 72                     | -                     | -                      | 51                  | 48                     | 60                  |
| 18/12/2025              | 17:45                               | 89                     | -                     | -                      | *72                 | 49                     | 60                  |
| 18/12/2025              | 18:00                               | 94                     | -                     | -                      | 55                  | 48                     | 63                  |
| 18/12/2025              | 18:15                               | 92                     | -                     | -                      | 53                  | 51                     | 61                  |
| 18/12/2025              | 18:30                               | 77                     | -                     | -                      | -                   | 48                     | -                   |
| 18/12/2025              | 18:45                               | 97                     | 64                    | 56                     | -                   | 52                     | -                   |
| 18/12/2025              | 19:00                               | 97                     | 62                    | 59                     | -                   | 52                     | -                   |
| 18/12/2025              | 19:15                               | 97                     | 63                    | 55                     | -                   | 49                     | -                   |
| 18/12/2025              | 19:30                               | 96                     | 54                    | 55                     | -                   | 49                     | -                   |
| 18/12/2025              | 19:45                               | 81                     | -                     | -                      | -                   | 47                     | -                   |
| 18/12/2025              | 20:00                               | 86                     | -                     | -                      | 66                  | 48                     | 59                  |
| 18/12/2025              | 20:15                               | 99                     | -                     | -                      | 66                  | 50                     | 65                  |
| 18/12/2025              | 20:30                               | 98                     | -                     | -                      | 62                  | 50                     | 65                  |
| 18/12/2025              | 20:45                               | 99                     | 66                    | -                      | -                   | 50                     | 64                  |
| 18/12/2025              | 21:00                               | 99                     | 66                    | -                      | -                   | 51                     | 70                  |
| 18/12/2025              | 21:15                               | 99                     | 66                    | -                      | -                   | 50                     | 64                  |
| 18/12/2025              | 21:30                               | 99                     | -                     | -                      | -                   | 50                     | -                   |
| 18/12/2025              | 21:45                               | 99                     | -                     | 54                     | -                   | 50                     | -                   |
| 18/12/2025              | 22:00                               | 98                     | -                     | 54                     | 64                  | 50                     | -                   |
| 18/12/2025              | 22:15                               | 99                     | -                     | 54                     | 66                  | 51                     | -                   |
| 18/12/2025              | 22:30                               | -                      | -                     | -                      | 53                  | 46                     | -                   |

**Notes:**

1. Approximate time period for comparison purposes. The 15-minute measurement period was generally within 1-2 minutes of the stated times.

2. *The values for Princess Street were obtained in real time on concert day from a remote access noise logging station. Therefore, these results have been added to the attended noise measurement table for information.*

We understand that there were three complaints relating to Concert 1 on 14 December as follows:

- The first was from 18 Manning Street. Measurements were recorded at this location and found to be 55 dB(A) which is 15 dB(A) below the external noise criterion.
- The second complaint was received from a premises in Greenslopes. This location is approximately 8km from the stadium. Given the distance from the stadium, it is likely that the noise experienced at this location was from another source.
- Another complaint was received on the morning following the concert from 1 Cordelia Street, so measurements were not able to be recorded at that location. It should be noted that this location is 900m away from the stadium, so the criterion was unlikely to be exceeded given that noise levels complied at locations much closer to the stadium.

We understand that there were no complaints relating to Concert 2 on 18 December

Measured noise levels associated with the sound checks and concerts complied with the EPA "Special Events" external noise criterion of  $L_{Aeq,15min}$  70 dB(A) at all external locations throughout the sound checks and the concert for all time periods on the 12, 14 and 18 December.

It was noted that there were light primarily northeasterly wind conditions, during the line, sound checks and concerts which are likely to have influenced the noise emissions from the stadium to sound louder than usual to the south and west of the stadium, and quieter than usual on the eastern side. There were some light showers on 12 & 13 December prior to the line checking but this is unlikely to have affected any of the measurements.

It was noted that there were also light primarily southeasterly to northeasterly wind conditions, during the line and sound checks and calm conditions during the concert on 18 December, which may have resulted in subjectively quieter noise levels on the southern and western side of the stadium for Concert 2 compared to Concert 1.

## 6. Conclusion

Noise emissions were monitored in accordance with the specified MSFA Regulation and EPP (Noise) 1997 requirements.

Concert noise emissions from Suncorp Stadium measured during the AC/DC Concert 1 production line checks, sound checks and concerts on 12, 14 & 18 December 2025, indicated compliance with the MSFA Regulation for all the external noise monitoring sites for all time periods.

Noise emissions from the AC/DC Concert production inside the stadium did not comply with the internal EPP criterion for the duration of the AC/DC sets on 14 December for Concert 1 but compliance was achieved for all time periods on 18 December. Compliance was achieved for the sound and line checks and support acts at the stadium internal monitoring location.



## APPENDIX A: EXTERNAL MEASUREMENT LOCATIONS



Noise Measurement Locations



Source: Google  
18 December 2025 | Map: Aerial view 18

Source: Google | Aerial view 18  
Aerial view: Knowledge 18

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## APPENDIX B: INSTRUMENTATION



## Instrumentation

The following equipment was utilised for the assessment.

**Table B1** Instrumentation – 12 & 14 December 2025

| Site                         | Noise Logger       | Serial No.          | Sound Level Meter | Serial No.          |          |
|------------------------------|--------------------|---------------------|-------------------|---------------------|----------|
| Sound Level Meters & Loggers |                    |                     |                   |                     |          |
| -                            | Stadium Bowl       | Rion NL-21          | 00877038          | Rion NA-28          | 00722662 |
| 1                            | 6/8 Petrie Terrace | Larson Davis Ltx    | 0006651           | Bruel & Kjaer 2250  | 3000004  |
| 2                            | 15 Plunkett Street | Rion NI-21          | 00877035          | Rion NL-21          | 00776884 |
| 3                            | 36 Judge Street    | ARL Ngara           | 8780D1            | Bruel & Kjaer 2250  | 3000004  |
| 4                            | 26 Princess Street | Larson Davis NMS044 | 0013027           | Larson Davis NMS044 | 0013027  |
| 5                            | 31 Isaac Street    | ARL Ngara           | 878C61            | Rion NL-21          | 00776884 |
| Calibrators                  |                    |                     |                   |                     |          |
|                              | Rion NC-75         | 34835117            |                   |                     |          |
|                              | B & K 4231         | 2136569             |                   |                     |          |

All items of equipment used for this project hold current NATA Calibration certificates.

**Table B2** Instrumentation – Pre and Post Measurement Calibration – 12 & 14 December

| Site                        | Noise Logger / SLM      | Serial No.          | Pre- Measurement Calibration Level, dB(A) | Post- Measurement Calibration Level, dB(A) |
|-----------------------------|-------------------------|---------------------|-------------------------------------------|--------------------------------------------|
| Unattended Noise Loggers    |                         |                     |                                           |                                            |
| 1                           | Stadium Bowl            | Rion NL-21          | 00877038                                  | 94.0                                       |
| 2                           | 6/8 Petrie Terrace      | Larson Davis Ltx    | 0006651                                   | 94.3                                       |
| 3                           | 15 Plunkett Street      | Rion NL-21          | 00877035                                  | 94.2                                       |
| 4                           | 36 Judge Street         | ARL Ngara           | 8780D1                                    | 94.1                                       |
| 5                           | 26 Princess Street      | Larson Davis NMS044 | 0013027                                   | 94.3                                       |
| 6                           | 31 Isaac Street         | ARL Ngara           | 878C61                                    | 94.2                                       |
| Handheld Sound Level Meters |                         |                     |                                           |                                            |
| 7                           | Stadium Bowl            | Larson Davis Ltx    | 0006674                                   | 94.3                                       |
| 8                           | Isaac / Plunkett Sts.   | Brüel & Kjaer 2250  | 3000004                                   | 93.9                                       |
| 9                           | Judge St. / Petrie Tee. | Rion NL-21          | 00776884                                  | 94.1                                       |
| 10                          | Floating Locations      | Rion NA-28          | 00722662                                  | 94.0                                       |

**Table B3** Instrumentation – 18 December 2025

| Site                         |                    | Noise Logger        | Serial No. | Sound Level Meter   | Serial No. |
|------------------------------|--------------------|---------------------|------------|---------------------|------------|
| Sound Level Meters & Loggers |                    |                     |            |                     |            |
| -                            | Stadium Bowl       | Rion NL-21          | 00877038   | Brüel & Kjaer 2250  | 3000004    |
| 1                            | 6/8 Petrie Terrace | Larson Davis Ltx    | 0006651    | Rion NL-21          | 00776884   |
| 2                            | 15 Plunkett Street | Rion NI-21          | 00877035   | Larson Davis Ltx    | 0006674    |
| 3                            | 36 Judge Street    | ARL Ngara           | 8780D1     | Rion NI-21          | 00776884   |
| 4                            | 26 Princess Street | Larson Davis NMS044 | 0013027    | Larson Davis NMS044 | 0013027    |

| Site                         |                 | Noise Logger | Serial No. | Sound Level Meter | Serial No. |
|------------------------------|-----------------|--------------|------------|-------------------|------------|
| Sound Level Meters & Loggers |                 |              |            |                   |            |
| 5                            | 31 Isaac Street | ARL Ngara    | 878C61     | Larson Davis Ltx  | 0006674    |
| Calibrators                  |                 |              |            |                   |            |
|                              |                 | Rion NC-75   | 34835117   |                   |            |
|                              |                 | B & K 4231   | 2136569    |                   |            |

All items of equipment used for this project hold current NATA Calibration certificates.

**Table B4** Instrumentation – Pre and Post Measurement Calibration – 18 December

| Site                        |                         | Noise Logger / SLM  | Serial No. | Pre- Measurement Calibration Level, dB(A) | Post- Measurement Calibration Level, dB(A) |
|-----------------------------|-------------------------|---------------------|------------|-------------------------------------------|--------------------------------------------|
| Unattended Noise Loggers    |                         |                     |            |                                           |                                            |
| 1                           | Stadium Bowl            | Rion NL-21          | 00877038   | 93.9                                      | 93.9                                       |
| 2                           | 6/8 Petrie Terrace      | Larson Davis Ltx    | 0006651    | 94.3                                      | 94.3                                       |
| 3                           | 15 Plunkett Street      | Rion NI-21          | 00877035   | 93.9                                      | 93.8                                       |
| 4                           | 36 Judge Street         | ARL Ngara           | 8780D1     | 94.0                                      | 94.1                                       |
| 5                           | 26 Princess Street      | Larson Davis NMS044 | 0013027    | 94.2                                      | 94.2                                       |
| 6                           | 31 Isaac Street         | ARL Ngara           | 878C61     | 94.2                                      | 94.2                                       |
| Handheld Sound Level Meters |                         |                     |            |                                           |                                            |
| 7                           | Stadium Bowl            | Bruel & Kjaer 2250  | 3000004    | 94.2                                      | -                                          |
| 8                           | Isaac / Plunkett Sts.   | Larson Davis Ltx    | 0006674    | 94.0                                      | 93.9                                       |
| 9                           | Judge St. / Petrie Tee. | Rion NL-21          | 00776884   | 93.9                                      | 94.0                                       |
| 10                          | Floating Locations      | Rion NA-28          | 00722662   | 94.0                                      | 94.0                                       |

## APPENDIX C: WEATHER CONDITIONS



## Weather Conditions

Table C-1 Monitoring Weather Conditions

| Date & Time      | Temp<br>°C | Humidity<br>% | Wind Speed<br>m/s | Wind<br>Direction | Rain 10 min<br>mm |
|------------------|------------|---------------|-------------------|-------------------|-------------------|
| 18/12/2025 0:00  | 21.6       | 69            | 2                 | S                 | 0                 |
| 18/12/2025 0:30  | 21.0       | 70            | 4                 | S                 | 0                 |
| 18/12/2025 1:00  | 20.7       | 72            | 2                 | SSW               | 0                 |
| 18/12/2025 1:30  | 20.1       | 77            | 2                 | SSW               | 0                 |
| 18/12/2025 2:00  | 20.4       | 75            | 2                 | SW                | 0                 |
| 18/12/2025 2:30  | 20.0       | 76            | 6                 | SW                | 0                 |
| 18/12/2025 3:00  | 20.3       | 76            | 6                 | SW                | 0                 |
| 18/12/2025 3:30  | 20.2       | 74            | 6                 | SW                | 0                 |
| 18/12/2025 4:00  | 19.9       | 76            | 6                 | SW                | 0                 |
| 18/12/2025 4:30  | 19.7       | 76            | 2                 | WSW               | 0                 |
| 18/12/2025 5:00  | 19.3       | 79            | 4                 | WSW               | 0                 |
| 18/12/2025 5:30  | 19.7       | 79            | 4                 | WSW               | 0                 |
| 18/12/2025 6:00  | 20.8       | 74            | 4                 | SSW               | 0                 |
| 18/12/2025 6:30  | 21.6       | 70            | 6                 | SSW               | 0                 |
| 18/12/2025 7:00  | 22.8       | 65            | 6                 | SW                | 0                 |
| 18/12/2025 7:30  | 24.2       | 65            | 4                 | SW                | 0                 |
| 18/12/2025 8:00  | 25.1       | 56            | 7                 | SE                | 0                 |
| 18/12/2025 8:30  | 25.6       | 52            | 9                 | SE                | 0                 |
| 18/12/2025 9:00  | 26.7       | 53            | 7                 | SE                | 0                 |
| 18/12/2025 9:30  | 26.5       | 49            | 7                 | SE                | 0                 |
| 18/12/2025 10:00 | 27.1       | 49            | 9                 | SE                | 0                 |
| 18/12/2025 10:30 | 27.6       | 47            | 9                 | SSE               | 0                 |
| 18/12/2025 11:00 | 27.1       | 46            | 6                 | SE                | 0                 |
| 18/12/2025 11:30 | 27.4       | 45            | 9                 | SE                | 0                 |
| 18/12/2025 12:00 | 28.5       | 45            | 6                 | E                 | 0                 |
| 18/12/2025 12:30 | 28.1       | 44            | 11                | E                 | 0                 |
| 18/12/2025 13:00 | 28.4       | 45            | 9                 | E                 | 0                 |
| 18/12/2025 13:30 | 28.4       | 46            | 7                 | ESE               | 0                 |
| 18/12/2025 14:00 | 28.1       | 48            | 13                | E                 | 0                 |
| 18/12/2025 14:30 | 27.9       | 46            | 11                | E                 | 0                 |
| 18/12/2025 15:00 | 28.0       | 46            | 13                | ENE               | 0                 |
| 18/12/2025 15:30 | 27.6       | 47            | 11                | E                 | 0                 |
| 18/12/2025 16:00 | 27.6       | 48            | 13                | E                 | 0                 |
| 18/12/2025 16:30 | 27.1       | 52            | 11                | ENE               | 0                 |
| 18/12/2025 17:00 | 26.6       | 50            | 11                | ENE               | 0                 |
| 18/12/2025 17:30 | 26.3       | 54            | 7                 | NE                | 0                 |
| 18/12/2025 18:00 | 25.3       | 57            | 9                 | ENE               | 0                 |
| 18/12/2025 18:30 | 24.7       | 61            | 11                | ENE               | 0                 |
| 18/12/2025 19:00 | 24.3       | 64            | 7                 | ENE               | 0                 |
| 18/12/2025 19:30 | 23.9       | 66            | 7                 | ENE               | 0                 |
| 18/12/2025 20:00 | 23.7       | 68            | 6                 | ENE               | 0                 |
| 18/12/2025 20:30 | 23.6       | 70            | 6                 | E                 | 0                 |
| 18/12/2025 21:00 | 23.1       | 73            | 4                 | E                 | 0                 |
| 18/12/2025 21:30 | 22.1       | 77            | 0                 | -                 | 0                 |

| Date & Time      | Temp<br>°C | Humidity<br>% | Wind Speed<br>m/s | Wind<br>Direction | Rain 10 min<br>mm |
|------------------|------------|---------------|-------------------|-------------------|-------------------|
| 18/12/2025 22:00 | 21.4       | 81            | 0                 | -                 | 0                 |
| 18/12/2025 22:30 | 20.9       | 84            | 0                 | -                 | 0                 |
| 18/12/2025 23:00 | 20.6       | 85            | 0                 | -                 | 0                 |
| 18/12/2025 23:30 | 20.3       | 86            | 0                 | -                 | 0                 |
| 19/12/2025 0:00  | 20.1       | 87            | 0                 | -                 | 0                 |

