



Sydney Cricket Ground Trust

**NOISE MONITORING, AFL – SYDNEY
SWANS v GOLD COAST**

5 SEPTEMBER 2015

September 2015

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Executive Summary

Monitoring of noise levels at sensitive receptors in the area surrounding Sydney Cricket Ground was undertaken during the Sydney Swans v Gold Coast AFL match held on 5 September 2015 to determine compliance with the following noise criteria defined in the site's Noise Management Plan (NMP) and EPA Variation of Prevention Notice (2 December 2013):

'(a) When measured at the specified monitoring locations, the L_{Amax} of noise emanating from any sound amplification equipment must not exceed 60 dB(A) during any sporting events. This noise limit applies to wind speeds up to 5 m/s, above which wind generated noise on the microphone limits measurement accuracy. During period of winds greater than 5 m/s this noise limit does not apply.

i) Noise levels measured when wind speed exceeds 5m/s (at microphone height) should not be used to measure compliance with noise limits, as wind generated noise may influence measurement accuracy. During periods of wind greater than 5 m/s the Trust must continue to take all reasonable and feasible actions to minimise noise.'

Noise levels were measured for the duration of the amplified activities associated with the event 5:00 pm to 10:10 pm at the three positions required by the Noise Management Plan. During the monitoring, notes were also made regarding the sources of noise in the area and the source of any potential exceedences of the noise criteria.

Throughout the monitoring, noise levels were recorded at each location every two minutes. During each two minute period notes were also made regarding the sources of noise in the area and the source of any potential exceedences of the noise criteria. The noise levels recorded represent the highest RMS noise level recorded during the two minute period.

During the AFL match it was identified that noise levels from the event were within the criteria defined in the site's NMP throughout the noise monitoring.

At Positions 1 and 2 the match was audible at times, but no exceedances were recorded. At Position 3 the match was generally inaudible relative to traffic and other ambient noise.

No complaints were forwarded to Event Noise Management staff for investigation.

During the event, L_{Amax} noise levels were higher than the 60 dB(A) criteria for the majority of the time due to traffic noise and patrons external to the venue. These sources of noise are not directly attributable to the sound amplification system and therefore do not represent an exceedance of the criteria.

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1 INTRODUCTION

1.1 SCOPE OF ASSESSMENT

Sydney Cricket Ground Trust (SCGT) commissioned Event Noise Management to conduct event noise monitoring during the Sydney Swans v Gold Coast AFL match held on 5 September 2015 as part of the requirements under the Noise Management Plan (NMP) for the facility¹

This report presents a summary of the results of the monitoring and a comparison with the noise criteria for the event as defined in the NMP and EPA Variation of Prevention Notice (2 December 2013).

1.2 EVENT DETAILS

The sporting event was held at Sydney Cricket Ground (SCG) on Saturday 5 September 2015. 5:00 pm and 10:04 pm, with amplified music, announcements and advertising continuing at a low level until approximately 10:10 pm.

1.3 EVENT NOISE CRITERIA

Noise limits for sporting events held at Allianz Stadium are provided in the EPA Variation of Prevention Notice (2 December 2013):

'(a) When measured at the specified monitoring locations, the L_{Amax} of noise emanating from any sound amplification equipment must not exceed 60 dB (A) during any sporting events. This noise limit applies to wind speeds up to 5 m/s, above which wind generated noise on the microphone limits measurement accuracy. During period of winds greater than 5 m/s this noise limit does not apply.

i) Noise levels measured when wind speed exceeds 5 m/s (at microphone height) should not be used to measure compliance with noise limits, as wind generated noise may influence measurement accuracy. During periods of wind greater than 5 m/s the Trust must continue to take all reasonable and feasible actions to minimise noise.'

Section 15.4 of the NMP details the monitoring positions that must be considered as follows:

'Description Of Location

For both sporting events and concerts attended monitoring locations will be as set out below.

a) For activities taking place at the SCG:

- *At a point within one (1) metre of the boundary nearest to the SCG at the corner of Poate Road and Poate Lane, Centennial Park;*

¹ Sydney Cricket and Sports Ground Trust (SCGT) Noise Management Plan for Sydney Cricket and Sports Ground Trust (April 2011)

- *At a point within one (1) metre of the boundary nearest to the SCG at the corner of Leinster and Regent Streets, Paddington;3*
- *At a point within one (1) metre of the boundary nearest to the SCG at the corner of Robertson Road and Martin Road (northern intersection), Moore Park.*

2 MONITORING METHODOLOGY

2.1 MONITORING POSITIONS

Monitoring during the match were undertaken at two fixed monitoring positions as required by the NMP. Table 2.1 presents a summary of the monitoring locations assessed during the event, with the monitoring positions identified on Figure 1.

TABLE 2.1: SUMMARY OF MONITORING POSITIONS

| Position | Description |
|----------|--|
| 1 | Fixed monitoring position located within 1 m of the front boundary at the corner of Poate Road and Poate Lane |
| 2 | Fixed monitoring position located within 1 m of the front boundary at the corner of Leinster and Regent Streets |
| 3 | Fixed monitoring position located within 1 m of the front boundary at the corner of Robertson Road and Martin Road (northern intersection) |

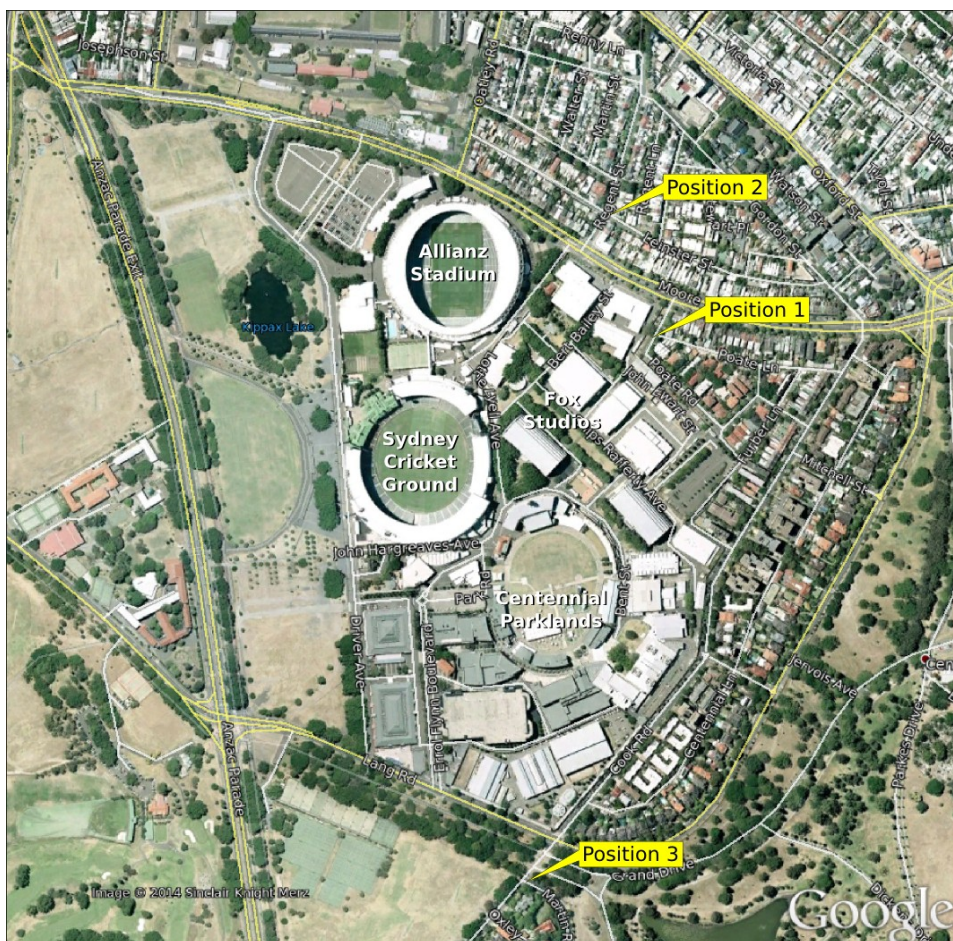


Figure 1: Noise Monitoring Positions (External Fixed Locations)

2.2 OPERATORS

During the monitoring undertaken on 5 September 2015, Event Noise Monitoring personnel were located at each position identified in Figure 1. The monitoring exercise was undertaken by the following personnel:

- Position 1: Roger Treagus: BA, MA Env. Stud, MAAS.
- Position 2: Glen Slough: AssocDeg(Audio Eng), MSc, MAAS, MAES.
- Position 3: Beau Weyers: BEng(Mech), MAAS, RPEQ.

2.3 MONITORING EQUIPMENT

Table 2.2 presents a summary of the equipment used to complete the monitoring. The monitoring instruments utilised conform to Australian Standard 1259 "Acoustics - Sound Level Meters", (1990) as Type 1 precision sound level meters and have an accuracy suitable for both field and laboratory use.

The sound level meters and calibrator used for the monitoring have been checked, adjusted and aligned to conform to the Type 1 specifications and issued with a conformance certificate (NATA).

TABLE 2.2: SUMMARY OF MONITORING EQUIPMENT

| Position | Instrument Model | Instrument Serial | Instrument Calibration Due Date | Calibrator Model | Calibrator Serial | Calibrator Calibration Due Date |
|----------|------------------|-------------------|---------------------------------|------------------|-------------------|---------------------------------|
| 1 | Nor 140 | 1404663 | 6/07/17 | Svan SV03A | 358 | 6/01/16 |
| 2 | Nor 140 | 1405261 | 7/05/17 | Svan SV03A | 358 | 6/01/16 |
| 3 | Nor 140 | 1405306 | 9/07/17 | Svan SV03A | 358 | 6/01/16 |

Field calibrations of each of the instruments were also undertaken prior to and immediately after the monitoring was completed. Less than 0.5 dB drift occurred over the measurement periods. All instruments were fitted with a windshield and monitoring was completed at a height of 1.5 m above ground level.

2.4 WEATHER CONDITIONS DURING THE EVENT

During the monitoring period winds speeds on site were typically light to moderate south-easterly winds up to 24 km/h. The temperature was generally cool with predominantly overcast conditions.

Table 2.3 presents a summary of the meteorological data from Sydney Airport obtained from the Bureau of Meteorology during the event.

TABLE 2.3: SUMMARY OF METEOROLOGICAL DATA

| Time | Temp °C | Wind | | | | Pressure hP | Rain since 9 am mm | |
|----------|---------|-----------|------------|-----------|-------------|-------------|--------------------|------------|
| | | Direction | Speed km/h | Gust km/h | Speed knots | | | Gust knots |
| 5:00 pm | 16.2 | SE | 24 | 33 | 13 | 18 | 1020.8 | 0 |
| 5:30 pm | 15.9 | SE | 22 | 32 | 12 | 17 | 1020.9 | 0 |
| 6:00 pm | 16 | SE | 24 | 30 | 13 | 16 | 1021.4 | 0 |
| 6:30 pm | 16 | SE | 19 | 24 | 10 | 13 | 1021.7 | 0 |
| 7:00 pm | 15.7 | SE | 20 | 26 | 11 | 14 | 1021.9 | 0 |
| 7:30 pm | 15.8 | SE | 20 | 26 | 11 | 14 | 1022.2 | 0 |
| 8:00 pm | 15.9 | SE | 17 | 20 | 9 | 11 | 1022.5 | 0 |
| 8:30 pm | 15.9 | SE | 17 | 20 | 9 | 11 | 1022.8 | 0 |
| 9:00 pm | 15.6 | SE | 17 | 22 | 9 | 12 | 1022.7 | 0 |
| 9:30 pm | 16.2 | SE | 17 | 20 | 9 | 11 | 1022.9 | 0 |
| 10:00 pm | 15.9 | SSE | 17 | 20 | 9 | 11 | 1023.2 | 0 |
| 10:30 pm | 14.7 | SW | 19 | 26 | 10 | 14 | 1023.3 | 0 |

2.5 METEOROLOGICAL INFLUENCES ON MONITORING

During the main match the, light SE winds would have tended to carry noise from the SCG away from the residential areas, and may have reduced noise levels at the three monitoring positions.

3 RESULTS OF MONITORING

3.1 METHODOLOGY

Noise monitoring was completed continuously at each location throughout the monitoring period with the maximum noise level recorded for every two minute period. During the monitoring, notes were also made regarding the sources of noise in the area and the source of any potential exceedances of the noise criteria. The noise levels represent the highest RMS noise level recorded during the two minute period. Hence, even where exceedances are identified, it is possible that for the majority of the two minute period receptor noise levels (from amplified activities in the SCG) were compliant with the NMP criteria.

3.2 MONITORING RESULTS

Noise monitoring during the Sydney Swans v Gold Coast AFL Match held on 5 September 2015 at the SCG was conducted between 5:00 pm and 10:10 pm at monitoring positions 1, 2 and 3. The measured noise levels and associated notes that were recorded during this period are presented in Appendix B.

During the AFL match it was identified that noise levels from the event were within the criteria defined in the site's NMP throughout the noise monitoring.

At Positions 1 and 2 the match was audible at times, but no exceedances were recorded. At Position 3 the match was generally inaudible relative to traffic and other ambient noise.

All recorded L_{Amax} noise levels were greater than the noise criteria set in the NMP for noise emanating from sound amplification equipment. However, these noise levels do not represent non-compliance with the NMP as the L_{Amax} levels recorded were attributable to extraneous noise sources and not the PA system. These sources included passing vehicles, aircraft overhead and event patrons outside the venue.

3.3 CONCERT HOTLINE

During the event no noise complaint related calls were received on the concert hotline established by the Sydney Cricket Ground Trust. No complaints were received by Event Noise Management staff for investigation.

4 CONCLUSIONS

Noise monitoring of amplified noise from Sydney Cricket Ground during the Sydney Swans v Gold Coast AFL match held on 5 September 2015 was completed at three positions as required by the site's Noise Management Plan.

Noise levels were measured for the duration of the amplified activities associated with the event from 5:00 pm to 10:10 pm. Throughout the monitoring, noise levels were recorded continuously and the maximum levels for every two minute period were identified. During each two minute period notes were also made regarding the sources of noise in the area and the source of any potential exceedances of the noise criteria. The noise levels recorded represent the highest RMS noise level recorded during the two minute period.

During the AFL match it was identified that noise levels from the event were within the criteria defined in the site's NMP throughout the noise monitoring.

At Positions 1 and 2 the match was audible at times, but no exceedances were recorded. At Position 3 the match was generally inaudible relative to traffic and other ambient noise.

No complaints were forwarded to Event Noise Management staff for investigation.

During the event, L_{Amax} noise levels were higher than the 60 dB(A) criteria for the majority of the time due to traffic noise and patrons external to the venue. These sources of noise are not directly attributable to the sound amplification system and therefore do not represent an exceedance of the criteria.

APPENDIX A

ACOUSTIC GLOSSARY

APPENDIX A: GLOSSARY OF ACOUSTIC TERMINOLOGY

| | |
|--|---|
| A-Weighting | A response provided by an electronic circuit which modifies sound in such a way that the resulting level is similar to that perceived by the human ear. |
| dB (decibel) | This is the scale on which sound pressure level is expressed. It is defined as 20 times the logarithm of the ratio between the root-mean-square pressure of the sound field and the reference pressure (0.00002N/m ²). |
| dB(A) | This is a measure of the overall noise level of sound across the audible spectrum with a frequency weighting (i.e. 'A' weighting) to compensate for the varying sensitivity of the human ear to sound at different frequencies. |
| dB(C) | This is a standard weighting of the audible frequencies, commonly used for the measurement of Peak Sound Pressure level. |
| Facade Noise Level | Refers to a sound pressure level determined at a point close to an acoustically reflective surface (in addition to the ground). Typically a distance of 1 metre is used. |
| Free Field | Refers to a sound pressure level determined at a point away from reflective surfaces other than the ground with no significant contribution due to sound from other reflective surfaces; generally as measured outside and away from buildings. |
| Hertz (Hz) | A measure of the frequency of sound. It measures the number of pressure peaks per second passing a point when a pure tone is present. |
| L_{Aeq} Equivalent Continuous Sound Level | This is the equivalent steady sound level in dB(A) containing the same acoustic energy as the actual fluctuating sound level over the given period. For a steady sound with small fluctuations, its value is close to the average sound pressure level. |
| L_{A90,T} | This is the dB(A) level exceeded 90% of the time, T. |
| L_{A10,T} | This is the dB(A) level exceeded 10% of the time, T. |
| L_{Amax} | is the maximum A-weighted sound pressure level recorded over the period stated. |
| L_{Cmax} | is the maximum C-weighted sound pressure level recorded over the period stated. |

APPENDIX B

DETAILED MONITORING DATA (FIXED POSITIONS)



EVENT NOISE MANAGEMENT

| | | | |
|--|---|--|----------------|
| Project Number: | 4291 | Date: | SAT 05/09/2015 |
| Project Description: | SCG - Swans v Gold Coast (AFL) | | |
| Monitoring Location: | 3 – SCG at Corner of Roberston Road and Martin Road, Moore Park | | |
| Operator: | Beau Weyers | | |
| Instrument: | Nor140 (2) | Calibrator Model: | Svan 03A |
| Instrument Serial: | 1405306 | Calibrator Serial: | 358 |
| Instrument NATA Calibration Date: | 9/7/17 | Calibrator NATA Calibration Date: | 6/1/16 |
| Pre-calibration: | 93.7 | Post calibration: | 93.8 |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|-----------------|--|------------------------------|---|
| Time | L_{max} dB(A) | L_{max} dB(C) | Description of Noise |
| 17:10:00 | 62.5 | 84.6 | Traffic |
| 17:12:00 | 74.6 | 87.4 | Traffic 50-60 dB(A), horses on cobblestone, birds including cockatoos 61-67 dB(A) |
| 17:14:00 | 66.4 | 81.6 | Less frequent vehicles on Robertson Road or Martin Road 60-70 dB(A) |
| 17:16:00 | 69.2 | 74.6 | Traffic |
| 17:18:00 | 65.2 | 73.3 | Ambient Levels 48-50 dB(A) |
| 17:20:00 | 66.7 | 76.8 | Traffic |
| 17:22:00 | 65.6 | 83.2 | Traffic |
| 17:24:00 | 69.7 | 81.6 | Traffic |
| 17:26:00 | 61.1 | 77.8 | Traffic, Pedestrian talking, motorbike max |
| 17:28:00 | 65.9 | 77.1 | Traffic |
| 17:30:00 | 60.9 | 75.1 | Traffic |
| 17:32:00 | 68.5 | 80.1 | Traffic, lots of Cockatoos |
| 17:34:00 | 73.5 | 78.7 | Traffic, birds, occasional motorbike |
| 17:36:00 | 59.3 | 73.4 | Traffic |
| 17:38:00 | 75 | 87.2 | Traffic, motorbike max |
| 17:40:00 | 66 | 77.6 | Traffic |
| 17:42:00 | 62.7 | 77.4 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|--|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 17:44:00 | 74.1 | 78.4 | Traffic, local vehicle |
| 17:46:00 | 75.5 | 79.4 | Traffic, car horn |
| 17:48:00 | 69.7 | 72.2 | Traffic, pedestrians walking through leaves |
| 17:50:00 | 66.5 | 77.4 | Traffic, local vehicle |
| 17:52:00 | 73.3 | 81.1 | Traffic, resident gate bang, birds |
| 17:54:00 | 63.6 | 74.4 | Traffic |
| 17:56:00 | 63.4 | 74.4 | Traffic |
| 17:58:00 | 69.9 | 82.4 | Traffic, pedestrians talking nearby |
| 18:00:00 | 65 | 73.4 | Traffic |
| 18:02:00 | 63.9 | 78.8 | Traffic, Kookaburras/ flying foxes |
| 18:04:00 | 66.7 | 85.3 | Traffic, exhaust on main road 64.4 dB(A), local car 66.7 dB(A) |
| 18:06:00 | 67.5 | 83.3 | Traffic |
| 18:08:00 | 63 | 74 | Traffic |
| 18:10:00 | 67.1 | 76.1 | Traffic, idle vehicle nearby, bats |
| 18:12:00 | 65.9 | 76.9 | Traffic 52-57 dB(A) during red light reduced to 46 dB(A) |
| 18:14:00 | 63.3 | 77.7 | Traffic, resident gave bag |
| 18:16:00 | 62.4 | 75.9 | Traffic |
| 18:18:00 | 70.2 | 75.9 | Traffic, local vehicle |
| 18:20:00 | 62.6 | 80.8 | Traffic |
| 18:22:00 | 63.9 | 80.7 | Traffic |
| 18:24:00 | 67.4 | 72 | Traffic, pedestrian stomping leaves |
| 18:26:00 | 64.7 | 76.9 | Traffic, clouds dispersed |
| 18:28:00 | 65.2 | 71.4 | Traffic |
| 18:30:00 | 68.4 | 78.3 | Traffic, local vehicle |
| 18:32:00 | 64.6 | 81.8 | Traffic |
| 18:34:00 | 64.5 | 77.8 | Traffic, local vehicle, pedestrian talking |
| 18:36:00 | 70 | 79.3 | Traffic |
| 18:38:00 | 71.6 | 89 | Traffic, car doors |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|---|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 18:40:00 | 73.9 | 81.5 | Traffic, bats define background, car door max |
| 18:42:00 | 65 | 78.2 | Traffic, pedestrians talking |
| 18:44:00 | 64 | 81.2 | Traffic, ambient 50 dB(A), bat 60.5 dB(A) |
| 18:46:00 | 68.4 | 89.5 | Traffic, pedestrians |
| 18:48:00 | 61.5 | 71.8 | Traffic |
| 18:50:00 | 62.6 | 75.8 | Traffic, some perceptible bass <48 dB(A) |
| 18:52:00 | 65.1 | 74.6 | Traffic, pedestrians |
| 18:54:00 | 72.8 | 83.8 | Traffic, 4 x local vehicles |
| 18:56:00 | 64.9 | 75.1 | Traffic |
| 18:58:00 | 67.8 | 78.4 | Traffic |
| 19:00:00 | 66.2 | 82.9 | Traffic, local vehicles, pedestrians, bats |
| 19:02:00 | 58.8 | 72.6 | Traffic |
| 19:04:00 | 65.7 | 84.3 | Traffic, motorbike on main road |
| 19:06:00 | 74.7 | 79.5 | Traffic, motorbike on local road |
| 19:08:00 | 65.4 | 73.3 | Traffic |
| 19:10:00 | 66.6 | 78.9 | Traffic, refuse truck entering park 61.4 dB(A) |
| 19:12:00 | 65.7 | 79.5 | Traffic, local vehicle 65.7 dB(A) |
| 19:14:00 | 72.2 | 85.4 | Traffic, motorbike on main road |
| 19:16:00 | 66.2 | 74 | Traffic, some bass just barely perceptible ~48 dB(A), phone (venue manager checking levels) |
| 19:18:00 | 61.3 | 75 | Traffic |
| 19:20:00 | 66.6 | 82.9 | Traffic |
| 19:22:00 | 63.9 | 81.6 | Traffic, game siren just audible |
| 19:24:00 | 72.7 | 85.8 | Traffic, motorbikes on main road |
| 19:26:00 | 65 | 68.5 | Traffic |
| 19:28:00 | 64.6 | 82.2 | Traffic |
| 19:30:00 | 66.1 | 76.9 | Traffic, car doors 65.5 dB(A), departing 66.1 dB(A) |
| 19:32:00 | 63.7 | 83 | Traffic |
| 19:34:00 | 81.4 | 82.4 | Traffic, resident talking loudly (positively) near microphone |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|---|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 19:36:00 | 62.9 | 74 | Traffic |
| 19:38:00 | 70.3 | 85.6 | Traffic, car door |
| 19:40:00 | 63.2 | 76.7 | Traffic |
| 19:42:00 | 61.8 | 72.6 | Traffic |
| 19:44:00 | 63.3 | 71.7 | Traffic less consistent on main road |
| 19:46:00 | 67 | 78.1 | Bursts of traffic on main road, occasional bats |
| 19:48:00 | 59.9 | 72.8 | Traffic |
| 19:50:00 | 63 | 77.1 | Traffic |
| 19:52:00 | 57.8 | 72.2 | Traffic, pedestrian/ resident talking |
| 19:54:00 | 63.9 | 75.1 | Traffic, main road 55.1 dB(A), bats, exhaust popping 62.2 dB(A) |
| 19:56:00 | 67.5 | 72.8 | Traffic, local vehicle movement max |
| 19:58:00 | 62.4 | 73.3 | Traffic, siren just audible <45 dB(A) |
| 20:00:00 | 62.9 | 73.8 | Traffic |
| 20:02:00 | 62.1 | 79.7 | Traffic |
| 20:04:00 | 61 | 72.5 | Long pauses in traffic 42 dB(A) |
| 20:06:00 | 54.8 | 67.7 | Traffic |
| 20:08:00 | 53.4 | 69.2 | Traffic, 20:09 vehicle with loud bass music to 52 dB(A) |
| 20:10:00 | 63.9 | 78.9 | Traffic |
| 20:12:00 | 62.3 | 70.5 | Traffic |
| 20:14:00 | 65 | 75.8 | Traffic |
| 20:16:00 | 61.1 | 70 | Traffic |
| 20:18:00 | 63.9 | 85.6 | Traffic occasionally <40 dB(A) |
| 20:20:00 | 56.2 | 70.9 | Traffic |
| 20:22:00 | 65.6 | 70.7 | Traffic, resident on leaves, bats |
| 20:24:00 | 55.4 | 72.6 | Traffic |
| 20:26:00 | 57.6 | 77.2 | Traffic |
| 20:28:00 | 59.9 | 74.2 | Traffic |
| 20:30:00 | 63.9 | 82.3 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|---|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 20:32:00 | 61.3 | 74.9 | Siren just audible, bassy music to 51 dB(A) |
| 20:34:00 | 63.1 | 77.5 | Traffic |
| 20:36:00 | 71.5 | 80.6 | Local car with bassy music and old engine |
| 20:38:00 | 67 | 75.9 | Traffic |
| 20:40:00 | 60.8 | 72.3 | Traffic |
| 20:42:00 | 60.4 | 76.2 | Traffic |
| 20:44:00 | 64.6 | 74.4 | Local vehicle |
| 20:46:00 | 67.8 | 71.1 | Car horn, very faint music <40 dB(A) |
| 20:48:00 | 61.7 | 68.3 | Bats, game sirens, traffic all low level |
| 20:50:00 | 62.7 | 79.5 | Traffic |
| 20:52:00 | 61.1 | 71.9 | Traffic |
| 20:54:00 | 62.7 | 70.9 | General traffic, bats |
| 20:56:00 | 55 | 69 | Traffic |
| 20:58:00 | 53.6 | 69.6 | Traffic |
| 21:00:00 | 57 | 72.4 | Traffic |
| 21:02:00 | 58 | 73.9 | Traffic ~48 48 dB(A) with spikes above 50 dB(A) |
| 21:04:00 | 60.2 | 71.7 | Traffic |
| 21:06:00 | 57.1 | 72.7 | Garbage collection at park |
| 21:08:00 | 65.6 | 85.2 | Garbage truck departing |
| 21:10:00 | 64.1 | 78.6 | Traffic |
| 21:12:00 | 59.2 | 71.3 | Traffic |
| 21:14:00 | 66.1 | 87.6 | Car door 60.5 dB(A), 61.7 dB(A), 62.4 dB(A), car departing 66.1 dB(A) |
| 21:16:00 | 62.7 | 79.1 | Patrons departing |
| 21:18:00 | 63.9 | 77 | Siren just audible |
| 21:20:00 | 55 | 70.9 | General traffic increasing on main road |
| 21:22:00 | 64.6 | 73.3 | Traffic |
| 21:24:00 | 59.8 | 69 | Background ~36 dB(A), SCG siren ~41 dB(A), Traffic |
| 21:26:00 | 64.4 | 77.1 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|---|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 21:28:00 | 61.9 | 68.3 | Traffic |
| 21:30:00 | 60.1 | 74.1 | Bats, departing vehicles, traffic |
| 21:32:00 | 70.3 | 72.2 | Motorbike on main road nearby 70.4 dB(A) |
| 21:34:00 | 59.4 | 71.5 | Traffic |
| 21:36:00 | 60.8 | 74.2 | Traffic |
| 21:38:00 | 64.3 | 73.7 | More frequent local vehicles (departing) |
| 21:40:00 | 58.4 | 74.9 | Car idle in front of logger |
| 21:42:00 | 61.2 | 76.2 | Traffic |
| 21:44:00 | 63.2 | 76.3 | Traffic |
| 21:46:00 | 54.6 | 68.4 | Car playing bassy music ~54 dB(A) |
| 21:48:00 | 63.4 | 74.5 | Crowd cheer just perceptible ~48 dB(A) |
| 21:50:00 | 60.1 | 75.7 | Patrons departing, traffic, bats |
| 21:52:00 | 66 | 81.1 | Patrons departing |
| 21:54:00 | 63.2 | 74.1 | Car doors 53.5 dB(A), bats, car departing 63.2 dB(A) |
| 21:56:00 | 65.3 | 80.5 | Just perceptible crowd cheer , distant exhaust noise, louder than localised traffic movements |
| 21:58:00 | 58.5 | 71.5 | Final siren ~45 dB(A), Traffic |
| 22:00:00 | 66.4 | 72.6 | Traffic increased, ambient 45-50 dB(A) |
| 22:02:00 | 60.4 | 72.2 | Traffic |
| 22:04:00 | 71.3 | 78.6 | Patrons/ traffic |
| 22:06:00 | 63.7 | 70.1 | No audible SGC noise, stopped monitoring |



EVENT NOISE MANAGEMENT

| | | | |
|--|---|--|----------------|
| Project Number: | 4291 | Date: | SAT 05/09/2015 |
| Project Description: | SCG - Swans v Gold Coast (AFL) | | |
| Monitoring Location: | 1 - SCG at Corner of Poate Road and Poate Lane, Centennial Park | | |
| Operator: | Roger Treagus | | |
| Instrument: | Nor140 (10) | Calibrator Model: | Svan 03A |
| Instrument Serial: | 1404683 | Calibrator Serial: | 358 |
| Instrument NATA Calibration Date: | 6/7/17 | Calibrator NATA Calibration Date: | 6/1/16 |
| Pre-calibration: | 94.1 | Post calibration: | 94.0 |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|-----------------|--|------------------------------|-----------------------------|
| Time | L_{max} dB(A) | L_{max} dB(C) | Description of Noise |
| 16:56:00 | 76.3 | 83.1 | Traffic |
| 16:58:00 | 86.4 | 88.2 | Traffic |
| 17:00:00 | 81.3 | 83.9 | Traffic |
| 17:02:00 | 78.6 | 83.4 | Traffic |
| 17:04:00 | - | - | Instrument reconfigured |
| 17:06:00 | - | - | - |
| 17:08:00 | - | - | - |
| 17:10:00 | 73.6 | 91.9 | Traffic |
| 17:12:00 | 72 | 81 | Traffic Dominates |
| 17:14:00 | 67.6 | 80.5 | Traffic |
| 17:16:00 | 71.4 | 84.5 | Traffic |
| 17:18:00 | 75.5 | 96.5 | Traffic |
| 17:20:00 | 66.9 | 76 | Traffic |
| 17:22:00 | 76 | 87.2 | Traffic |
| 17:24:00 | 69.5 | 80.2 | Traffic |
| 17:26:00 | 65.2 | 79.2 | Traffic |
| 17:28:00 | 79.1 | 89.3 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|--|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 17:30:00 | 74.5 | 81 | Traffic |
| 17:32:00 | 73 | 89.8 | Traffic |
| 17:34:00 | 67.1 | 79.8 | Traffic |
| 17:36:00 | 86.4 | 92.2 | Traffic |
| 17:38:00 | 63.5 | 80.7 | Traffic |
| 17:40:00 | 80.1 | 85.3 | Traffic |
| 17:42:00 | 70.1 | 86.3 | Traffic |
| 17:44:00 | 74 | 81.7 | Traffic |
| 17:46:00 | 69.8 | 82.1 | Traffic |
| 17:48:00 | 71.8 | 79.3 | Traffic |
| 17:50:00 | 75.6 | 79.7 | Traffic |
| 17:52:00 | 70.5 | 80.3 | Traffic |
| 17:54:00 | 66.8 | 73.8 | Traffic |
| 17:56:00 | 68.5 | 76 | Traffic |
| 17:58:00 | 70.3 | 79.7 | Traffic |
| 18:00:00 | 70.3 | 86.4 | Traffic |
| 18:02:00 | 52 | 61.9 | Traffic |
| 18:04:00 | - | - | Batteries failed, were replaced and instrument restarted. No noise identified from SCG during period. |
| 18:06:00 | - | - | |
| 18:08:00 | - | - | |
| 18:10:00 | - | - | |
| 18:12:00 | - | - | |
| 18:14:00 | - | - | |
| 18:16:00 | - | - | |
| 18:18:00 | - | - | |
| 18:20:00 | 66 | 81.7 | Traffic |
| 18:22:00 | 67.4 | 82.8 | Traffic, sirens to 56 dB(A) |
| 18:24:00 | 70.2 | 77.1 | Traffic, SLM Resetting to 2 min mode |
| 18:26:00 | 68.8 | 76.4 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|--|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 18:28:00 | 70.8 | 87.6 | Traffic, PA audible |
| 18:30:00 | 68.6 | 74.7 | Traffic, PA audible |
| 18:32:00 | 66.9 | 81.9 | Traffic |
| 18:34:00 | 61 | 82.7 | Traffic |
| 18:36:00 | 66.9 | 82.3 | Traffic |
| 18:38:00 | 60.2 | 80.5 | Traffic, PA < 48 dB(A) |
| 18:40:00 | 78.6 | 87.8 | Traffic |
| 18:42:00 | 62.9 | 78.3 | Traffic |
| 18:44:00 | 67.3 | 74.8 | Traffic |
| 18:46:00 | 67.1 | 71.5 | Traffic, PA audible <46 dB(A) max |
| 18:48:00 | 69.4 | 76 | Traffic, PA audible <46 dB(A) Max |
| 18:50:00 | 63.4 | 74.1 | Traffic |
| 18:52:00 | 69.1 | 80.4 | Traffic |
| 18:54:00 | 73.4 | 82.5 | Traffic |
| 18:56:00 | 68.5 | 73.8 | Traffic |
| 18:58:00 | 71.6 | 71.8 | Traffic |
| 19:00:00 | 68.3 | 73.5 | Traffic |
| 19:02:00 | 69 | 83 | Traffic |
| 19:04:00 | 66.4 | 76.8 | Traffic |
| 19:06:00 | 64.1 | 75.1 | Traffic |
| 19:08:00 | 68.7 | 91.8 | Traffic |
| 19:10:00 | 80.6 | 82.6 | Traffic |
| 19:12:00 | 78.2 | 81.1 | Traffic |
| 19:14:00 | 71.3 | 72.1 | Traffic, Siren < 56 dB(A) |
| 19:16:00 | 69 | 79.5 | Traffic |
| 19:18:00 | 73.7 | 81 | Traffic, music 56.8 dB(A), PA voice 53.0 dB(A) |
| 19:20:00 | 70.7 | 75.8 | Traffic |
| 19:22:00 | 73.5 | 85 | Traffic |
| 19:24:00 | 66.8 | 74.3 | Traffic, Sirens to 59 dB(A) |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|--|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 19:26:00 | 79.6 | 88.2 | Traffic |
| 19:28:00 | 66.6 | 73.8 | Traffic |
| 19:30:00 | 68.4 | 78.7 | Traffic |
| 19:32:00 | 68.6 | 80.5 | Traffic |
| 19:34:00 | 64.8 | 73 | Traffic |
| 19:36:00 | 55.3 | 72.3 | Traffic |
| 19:38:00 | 57.6 | 73.4 | Traffic, crowd < 46 dB(A) |
| 19:40:00 | 65.8 | 80.4 | Traffic |
| 19:42:00 | 67.4 | 80.9 | Traffic |
| 19:44:00 | 66 | 78.9 | Traffic |
| 19:46:00 | 57.9 | 67.5 | Traffic, crowd |
| 19:48:00 | 61.3 | 64.5 | Traffic, crowd |
| 19:50:00 | 67.3 | 80.3 | Traffic |
| 19:52:00 | 67.4 | 76.9 | Traffic, PA voice 45 dB(A) |
| 19:54:00 | 70.8 | 74.9 | Traffic, siren 56 dB(A) |
| 19:56:00 | 70.8 | 81.1 | Traffic, PA 46 dB(A), siren 56 dB(A), music 48 dB(A) |
| 19:58:00 | 69.7 | 73.1 | Traffic |
| 20:00:00 | 60 | 76.1 | Traffic |
| 20:02:00 | 73.7 | 89.7 | Traffic |
| 20:04:00 | 64.7 | 80.5 | Traffic |
| 20:06:00 | 64.2 | 84.7 | Traffic |
| 20:08:00 | 54.1 | 73.7 | Traffic |
| 20:10:00 | 71.6 | 78.2 | Traffic |
| 20:12:00 | 65 | 71.2 | Traffic |
| 20:14:00 | 62.3 | 79.5 | Traffic |
| 20:16:00 | 61 | 78.1 | Traffic |
| 20:18:00 | 65.9 | 80.7 | Traffic |
| 20:20:00 | 58.7 | 74.1 | Traffic |
| 20:22:00 | 55.7 | 68.6 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|-----------------------------|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 20:24:00 | 75.2 | 81.8 | Traffic |
| 20:26:00 | 69.9 | 72.8 | Traffic |
| 20:28:00 | 68.2 | 74.7 | Traffic |
| 20:30:00 | 58.3 | 77.3 | Traffic |
| 20:32:00 | 61.7 | 72.4 | Traffic |
| 20:34:00 | 63 | 71.9 | Traffic, PA voices 45 dB(A) |
| 20:36:00 | 58.4 | 79 | Traffic, PA voices 46 dB(A) |
| 20:38:00 | 70.1 | 74.1 | Traffic, PA voices 46 dB(A) |
| 20:40:00 | 70.6 | 88.1 | Traffic, PA voices 46 dB(A) |
| 20:42:00 | 62 | 74.7 | Traffic |
| 20:44:00 | 67.4 | 75.7 | Traffic, music to 49 dB(A) |
| 20:46:00 | 69.5 | 85 | Traffic, music to 49dB(A) |
| 20:48:00 | 68.5 | 73.6 | Traffic, music to 49 dB(A) |
| 20:50:00 | 70.6 | 87.3 | Traffic, music to 49 dB(A) |
| 20:52:00 | 68.4 | 83.4 | Traffic |
| 20:54:00 | 54.1 | 65.7 | Traffic |
| 20:56:00 | 68.3 | 73.8 | Traffic |
| 20:58:00 | 59.9 | 67 | Traffic |
| 21:00:00 | 64.4 | 74.8 | Traffic |
| 21:02:00 | 53.4 | 66.2 | Traffic, crowd music |
| 21:04:00 | 66.4 | 74 | Traffic, crowd music |
| 21:06:00 | 59.7 | 76 | Traffic |
| 21:08:00 | 58.3 | 74.9 | Traffic |
| 21:10:00 | 67.4 | 95.3 | Traffic |
| 21:12:00 | 68.5 | 67.4 | Traffic |
| 21:14:00 | 67.7 | 78.6 | Traffic |
| 21:16:00 | 60.9 | 62.1 | Traffic |
| 21:18:00 | 69.1 | 76.4 | Traffic |
| 21:20:00 | 72 | 75.3 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|-----------------------------------|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 21:22:00 | 68.4 | 70.2 | Traffic |
| 21:24:00 | 69 | 78.8 | Traffic |
| 21:26:00 | 66.5 | 86.1 | Traffic, crowd music |
| 21:28:00 | 62.7 | 75.1 | Traffic, crowd music |
| 21:30:00 | 56.5 | 73.4 | Traffic |
| 21:32:00 | 61.9 | 67.5 | Traffic |
| 21:34:00 | 62.5 | 70.3 | Traffic |
| 21:36:00 | 68.2 | 75.3 | Traffic |
| 21:38:00 | 68 | 79.3 | Traffic |
| 21:40:00 | 67.9 | 78.8 | Traffic |
| 21:42:00 | 86.2 | 86.6 | Traffic |
| 21:44:00 | 82.6 | 82.9 | Traffic |
| 21:46:00 | 67 | 87.9 | Traffic |
| 21:48:00 | 71.5 | 86.3 | Traffic, crowd <46 dB(A) |
| 21:50:00 | 67.6 | 74.2 | Traffic, crowd <46 dB(A) |
| 21:52:00 | 63.6 | 69.3 | Traffic |
| 21:54:00 | 69.7 | 75.6 | Traffic |
| 21:56:00 | 62.5 | 75.6 | Traffic |
| 21:58:00 | 66.5 | 74.7 | Traffic, final siren |
| 22:00:00 | 70.8 | 86.2 | Traffic, music 52 dB(A) |
| 22:02:00 | 67.9 | 77.4 | Traffic, PA announcement 49 dB(A) |
| 22:04:00 | 67.6 | 76.3 | Traffic, PA announcement 49 dB(A) |
| 22:06:00 | 75.1 | 75.9 | Traffic, music 52 dB(A) |
| 22:08:00 | 75.3 | 83.3 | Traffic, music 49 dB(A) |
| 22:10:00 | 73.5 | 83.9 | Traffic |
| 22:12:00 | 67.5 | 78.1 | Traffic |
| 22:14:00 | 83.3 | 84.9 | Traffic |
| 22:16:00 | 105.1 | 126.9 | Traffic |



EVENT NOISE MANAGEMENT

| | | | |
|--|--|--|----------------|
| Project Number: | 4291 | Date: | SAT 05/09/2015 |
| Project Description: | SCG - Swans v Gold Coast (AFL) | | |
| Monitoring Location: | 2 – SCG at Corner of Leinster and Regent Streets, Paddington | | |
| Operator: | Glen Slough | | |
| Instrument: | Nor140 (7) | Calibrator Model: | Svan 03A |
| Instrument Serial: | 1405261 | Calibrator Serial: | 358 |
| Instrument NATA Calibration Date: | 7/5/17 | Calibrator NATA Calibration Date: | 6/1/16 |
| Pre-calibration: | 93.8 | Post calibration: | 94.0 |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|-----------------|--|------------------------------|---|
| Time | L_{max} dB(A) | L_{max} dB(C) | Description of Noise |
| 17:00:00 | 82.7 | 85.3 | Background is dominated by traffic on Moore Park Road |
| 17:02:00 | 81.4 | 84.4 | Traffic |
| 17:04:00 | 82.1 | 91.7 | Traffic |
| 17:06:00 | 71.9 | 88.4 | No audible contribution from stadium |
| 17:08:00 | 67.3 | 79.9 | Traffic |
| 17:10:00 | 71.5 | 81.8 | Traffic |
| 17:12:00 | 70.4 | 81.4 | L _{Amax} 's typically caused by passing cars accelerating up the hill or passing pedestrians talking |
| 17:14:00 | 68 | 81.1 | Traffic |
| 17:16:00 | 73.1 | 89.2 | Traffic |
| 17:18:00 | 74.1 | 81.1 | Traffic |
| 17:20:00 | 67.7 | 86.9 | Traffic |
| 17:22:00 | 70.6 | 80.7 | Traffic |
| 17:24:00 | 79.9 | 89.1 | Traffic |
| 17:26:00 | 73.5 | 88.3 | Traffic |
| 17:28:00 | 69.7 | 84 | Traffic |
| 17:30:00 | 65.8 | 79 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|--------------------|--|
| Time | L_{max} dB(A) | L_{max} dB(C) | Description of Noise |
| 17:32:00 | 71.1 | 79.5 | House next to location slamming the front door |
| 17:34:00 | 75.6 | 80.2 | Background noise dominated by Moore Park Road. When traffic is stopped, suburban noises and voices from a party up the street dominate |
| 17:36:00 | 71 | 84.6 | Traffic |
| 17:38:00 | 72.1 | 85.7 | Traffic |
| 17:40:00 | 74.8 | 85.7 | Traffic |
| 17:42:00 | 73.1 | 88.2 | Traffic |
| 17:44:00 | 78.1 | 81.5 | Traffic |
| 17:46:00 | 73.5 | 88.2 | Stadium is inaudible |
| 17:48:00 | 71.8 | 83.5 | Traffic |
| 17:50:00 | 69.4 | 91.7 | Traffic |
| 17:52:00 | 72.3 | 91.2 | Traffic |
| 17:54:00 | 70.3 | 85.2 | Traffic |
| 17:56:00 | 78.8 | 81.3 | Traffic |
| 17:58:00 | 68.3 | 89.3 | Traffic |
| 18:00:00 | 71.1 | 78.7 | Traffic |
| 18:02:00 | 75.3 | 85.7 | L_{Amax} due to local passing traffic |
| 18:04:00 | 70.2 | 84.5 | Traffic |
| 18:06:00 | 72.5 | 86.2 | No noise from the stadium |
| 18:08:00 | 70.3 | 82 | Traffic |
| 18:10:00 | 82.7 | 82.4 | Traffic |
| 18:12:00 | 68.7 | 74.2 | Traffic |
| 18:14:00 | 65.7 | 74.2 | Traffic |
| 18:16:00 | 69.8 | 81.4 | Traffic |
| 18:18:00 | 72.4 | 80.8 | Traffic |
| 18:20:00 | 66.1 | 75.9 | Horn from kickoff audible but not dominant |
| 18:22:00 | 69.8 | 82.9 | Traffic |
| 18:24:00 | 67 | 83 | Announcements just audible for about 30 seconds but not contributing to L_{Amax} |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|--|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 18:26:00 | 72.7 | 79.2 | Traffic |
| 18:28:00 | 66.2 | 74.1 | Traffic |
| 18:30:00 | 77.1 | 80.1 | Traffic |
| 18:32:00 | 75.3 | 90.3 | Traffic |
| 18:34:00 | 75.6 | 87.4 | Traffic |
| 18:36:00 | 86.4 | 93.5 | Traffic |
| 18:38:00 | 72.4 | 86.1 | Passerby talking into microphone |
| 18:40:00 | 74.7 | 87.2 | No noise audible from venue |
| 18:42:00 | 73.4 | 89.5 | L _{Amax} s still all from passing foot and road traffic |
| 18:44:00 | 71.8 | 82.8 | Traffic |
| 18:46:00 | 67 | 83.1 | Traffic |
| 18:48:00 | 82 | 81.3 | Traffic |
| 18:50:00 | 82.5 | 82.6 | Traffic |
| 18:52:00 | 78.3 | 82.1 | Traffic |
| 18:54:00 | 81.6 | 83.6 | Traffic |
| 18:56:00 | 74.3 | 81.3 | Traffic |
| 18:58:00 | 74.3 | 84.4 | Traffic |
| 19:00:00 | 73.5 | 74.8 | Traffic |
| 19:02:00 | 74.6 | 75 | Traffic |
| 19:04:00 | 69.9 | 81 | Traffic |
| 19:06:00 | 69 | 82 | Traffic |
| 19:08:00 | 69.6 | 79.4 | Traffic |
| 19:10:00 | 69.9 | 83.7 | Traffic |
| 19:12:00 | 76.3 | 79.3 | Traffic |
| 19:14:00 | 75.6 | 92.1 | Horn from venue heard at 19:13. did not contribute to L _{Amax} . No music or announcements audible |
| 19:16:00 | 77.1 | 78.3 | Music audible from venue estimated contribution 52 dB(A). Background traffic noise dominating measurement. |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|---|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 19:18:00 | 68.7 | 81.4 | Traffic |
| 19:20:00 | 70.6 | 80.6 | Traffic |
| 19:22:00 | 69 | 78.8 | Traffic |
| 19:24:00 | 71.1 | 81.2 | Traffic |
| 19:26:00 | 74.1 | 90.5 | Traffic |
| 19:28:00 | 78 | 83.8 | Traffic |
| 19:30:00 | 75.9 | 86 | Traffic |
| 19:32:00 | 79.3 | 89.1 | No noise from the venue audible |
| 19:34:00 | 69.9 | 85.2 | Traffic |
| 19:36:00 | 83.2 | 81.8 | Traffic |
| 19:38:00 | 83.8 | 82.4 | Traffic |
| 19:40:00 | 68.9 | 77.7 | Traffic |
| 19:42:00 | 67.4 | 76.1 | Traffic |
| 19:44:00 | 78.9 | 87.4 | Traffic |
| 19:46:00 | 73.7 | 81.3 | Traffic |
| 19:48:00 | 64.6 | 78.8 | Traffic |
| 19:50:00 | 66.6 | 82 | Background noise has dropped back a bit with reduced foot and car traffic. Still no audible noise from the venue. |
| 19:52:00 | 69.1 | 83.4 | Traffic |
| 19:54:00 | 82.4 | 92.8 | Traffic |
| 19:56:00 | 77 | 80.8 | Slight amount of music audible from the venue between traffic lights. Estimated contribution 52 dB(A) or less relative to background. |
| 19:58:00 | 67.3 | 79 | Traffic |
| 20:00:00 | 69.5 | 77.1 | Traffic |
| 20:02:00 | 82.4 | 95 | Traffic |
| 20:04:00 | 68.4 | 83.3 | Traffic |
| 20:06:00 | 68.8 | 72.2 | Traffic |
| 20:08:00 | 73.9 | 83.5 | Traffic |
| 20:10:00 | 69 | 81.2 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|---|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 20:12:00 | 62 | 79.4 | Traffic |
| 20:14:00 | 67.7 | 81.5 | Traffic |
| 20:16:00 | 68.3 | 83.7 | Traffic |
| 20:18:00 | 64 | 79.7 | Traffic |
| 20:20:00 | 84.7 | 98 | Monitoring paused, instrument bumping in case defining maximums. No audible noise from venue identified during this period. |
| 20:22:00 | 91.1 | 114.1 | |
| 20:24:00 | 71.9 | 102.2 | |
| 20:26:00 | 85.8 | 106.2 | |
| 20:28:00 | 89.8 | 100.2 | |
| 20:30:00 | 75.5 | 79.5 | |
| 20:32:00 | 74.2 | 86.3 | Traffic |
| 20:34:00 | 62.7 | 68 | Traffic |
| 20:36:00 | 71.2 | 86.5 | Traffic |
| 20:38:00 | 73.1 | 85.9 | Half time music playing. Just audible – estimated contribution 50-52 dB(A) |
| 20:40:00 | 73.4 | 87.1 | Traffic |
| 20:42:00 | 65.4 | 76.1 | Traffic |
| 20:44:00 | 70.1 | 77.5 | Traffic |
| 20:46:00 | 66.9 | 81.1 | Traffic |
| 20:48:00 | 73.1 | 89.4 | Traffic |
| 20:50:00 | 71.9 | 82 | Traffic |
| 20:52:00 | 75.2 | 79.2 | Traffic has died off even more. Foot traffic increasing. |
| 20:54:00 | 70.6 | 73.3 | Traffic |
| 20:56:00 | 65.7 | 76.4 | Venue music stopped/not audible. |
| 20:58:00 | 62.2 | 72.4 | Distant mechanical plant audible when traffic reduces |
| 21:00:00 | 68.9 | 82.1 | Traffic |
| 21:02:00 | 75.2 | 85.5 | Traffic |
| 21:04:00 | 65 | 71.5 | Traffic |
| 21:06:00 | 67.6 | 79.7 | Traffic |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|---|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 21:08:00 | 65.2 | 85.2 | Traffic |
| 21:10:00 | 73.6 | 90.3 | No audible noise from venue |
| 21:12:00 | 67.3 | 72.9 | Traffic increasing |
| 21:14:00 | 63 | 78.2 | Humidity has increased |
| 21:16:00 | 64.9 | 77.9 | No contribution from venue |
| 21:18:00 | 74.9 | 90.5 | Traffic |
| 21:20:00 | 66.3 | 84.2 | Traffic |
| 21:22:00 | 62.8 | 74.4 | Parked cars waiting for patrons dominating background (57-58 dB(A)) |
| 21:24:00 | 68.7 | 74.9 | Traffic |
| 21:26:00 | 66.6 | 76.5 | Traffic |
| 21:28:00 | 70.9 | 76.3 | Traffic |
| 21:30:00 | 68.5 | 76.8 | No contribution from venue |
| 21:32:00 | 70.7 | 78.9 | Traffic |
| 21:34:00 | 69.3 | 80.8 | Traffic |
| 21:36:00 | 66.3 | 81.3 | Traffic |
| 21:38:00 | 64.5 | 78.3 | Traffic |
| 21:40:00 | 60.6 | 76.5 | Traffic |
| 21:42:00 | 67.3 | 80.4 | Traffic |
| 21:44:00 | 67.7 | 85.2 | Traffic |
| 21:46:00 | 77.4 | 97.5 | Traffic |
| 21:48:00 | 64.8 | 77.9 | Traffic |
| 21:50:00 | 67.9 | 79.1 | No contribution from venue, increased traffic especially cars u-turning on Regent St |
| 21:52:00 | 79.3 | 92.8 | Traffic |
| 21:54:00 | 69.2 | 83.9 | Traffic |
| 21:56:00 | 66.1 | 78 | Traffic |
| 21:58:00 | 69.8 | 83.1 | Game finished, some music playing. Bass just audible during breaks in traffic. Estimate contribution from SCG is 50 dB(A) or less |

| Weather: | SW'ly Breeze (cold), approximately 50% cloud, dry | | |
|----------|---|---------------------------|--|
| Time | L _{max} dB(A) | L _{max} dB(C) | Description of Noise |
| 22:00:00 | 91.7 | 91.3 | Traffic |
| 22:02:00 | 67.5 | 86.4 | Traffic |
| 22:04:00 | 85.9 | 86.9 | Traffic |
| 22:06:00 | 64.8 | 80.4 | Traffic |
| 22:08:00 | 72.1 | 81 | L _{Amax} recording due to people talking into the mic |
| 22:10:00 | 72.9 | 84.1 | No contribution from the venue |
| 22:12:00 | 73.3 | 90.3 | All pedestrians chatting |
| 22:14:00 | 83.5 | 87.8 | Traffic |
| 22:16:00 | 76 | 83.4 | Traffic |
| 22:18:00 | 85.3 | 92.5 | Traffic |
| 22:20:00 | 60.2 | 69.6 | Monitoring finished |
| 22:22:00 | 94 | 94 | Post Calibration |