

Sydney Football Stadium Redevelopment Stage 2 Internal Fit-Out Works, Architectural Finishes and Logistical Activities Performance Report

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1 Background

The Sydney Football Stadium Redevelopment Stage 2 and the Stadium Fitness Facility (SFF) projects (in this document both are jointly referred to as the Project) are an Infrastructure NSW initiative to build a new rectangular stadium. The Project is part of the SCSGT Precinct, adjacent to the SCSGT and part of the wider Moore Park sports and entertainment precinct. The Sydney Football Stadium Redevelopment Stage 2 was initially approved by the Minister for Planning and Public Spaces on 6 December 2019 (SSD 9835), and subsequently modified to facilitate the SFF on 14 December 2021.

Conditions C3-C6 of SSD 9835 establish the construction hours within which the approved development can be undertaken. Condition C5 provides for activities to be undertaken outside of approved construction hours nominated in Condition C3 in the following circumstances:

- a) If the delivery of oversized plant or structures has been determined by the police or other public; or authorities to require special arrangements to transport along public roads; or
- b) In an emergency to avoid loss of life, damage to property or to prevent environmental harm;
- c) Where the works and activities do not cause, when measured at the boundary of the most affected noise sensitive receiver:
 - i. Leq (15 minute) dB(A) noise levels greater than 5dB above the day, evening and night rating background level (RBL) as applicable; and
 - ii. L1(1minute) dB(A) or LFmax dB(A) noise levels greater than 15dB above the night RBL for night works;
 - iii. Continuous or impulsive vibration values greater than those for human exposure to vibration, set out for residences in Table 2.2 in “Environmental noise management; Assessing Vibration: a technical guideline” (Department of Environment and Conservation, February 2006_); and
 - iv. Intermittent vibration values greater than those for human exposure to vibration set out for residences in Table 2.4 in “Environmental noise management – Assessing Vibration: a technical guideline” (Department of Environment and Conservation, February 2006)

In September 2021, an application was made to the Department of Planning, Industry and Environment (DPIE) seeking the carrying out low impact works as identified within Condition C5(c) outside of construction hours, pursuant to Condition C6 of SSD 9835. The Planning Secretary’s delegate approved the application on 27 September 2021 for Out of Hours (OOH) to carry out internal fit-out works, architectural finishes and logistical activities, subject to conditions. Extension application was granted on 12 November 2021.

As part of the application, JHG committed to completing a performance report on a monthly basis outlining monitored results, the sources of any exceedances and implemented mitigation measures. The commitment obligates JH to undertake modelling in accordance with the approved Construction Noise and Vibration Management Plan (CNVMP) prepared by Arup (13 March 2020).

This document responds to the requirements above for the period of 26 October to 25 November 2021. This period was completed with no complaints or noise exceedances.

2 OOHW Fit out Works

Monitoring was undertaken during the first 2 weeks of work as per the approved CNVMP and as required by the DPIE’s approval letter dated 27/9/21 approving the OOHW. Works were undertaken as per below:

- Wednesday 27 Oct 2021: 6pm to 12am
- Thursday 28 Oct 2021: 6pm-12am

- Tuesday 2 Nov 2021: 6pm-12am
- Thursday 4 Nov 2021: 6pm-12am
- Tuesday 9 Nov 2021: 6pm-12am
- Thursday 11 Nov 2021: 6pm-12am
- Tuesday 16 Nov 2021: 6pm-12am
- Thursday 18 Nov 2021: 6pm-12am
- Tuesday 23 Nov 2021: 6pm-12am
- Thursday 25 Nov 2021: 6pm-12am

3 Monitoring Locations

Four monitoring locations were utilised to record potential noise impacts while the works being undertaken as nominated in the Construction Noise Impact Assessment (CNIS) that supported the initial OOHW application. The four nominated locations have been utilised throughout the construction program and accordingly were deemed suitable locations for monitoring of the OOHW.

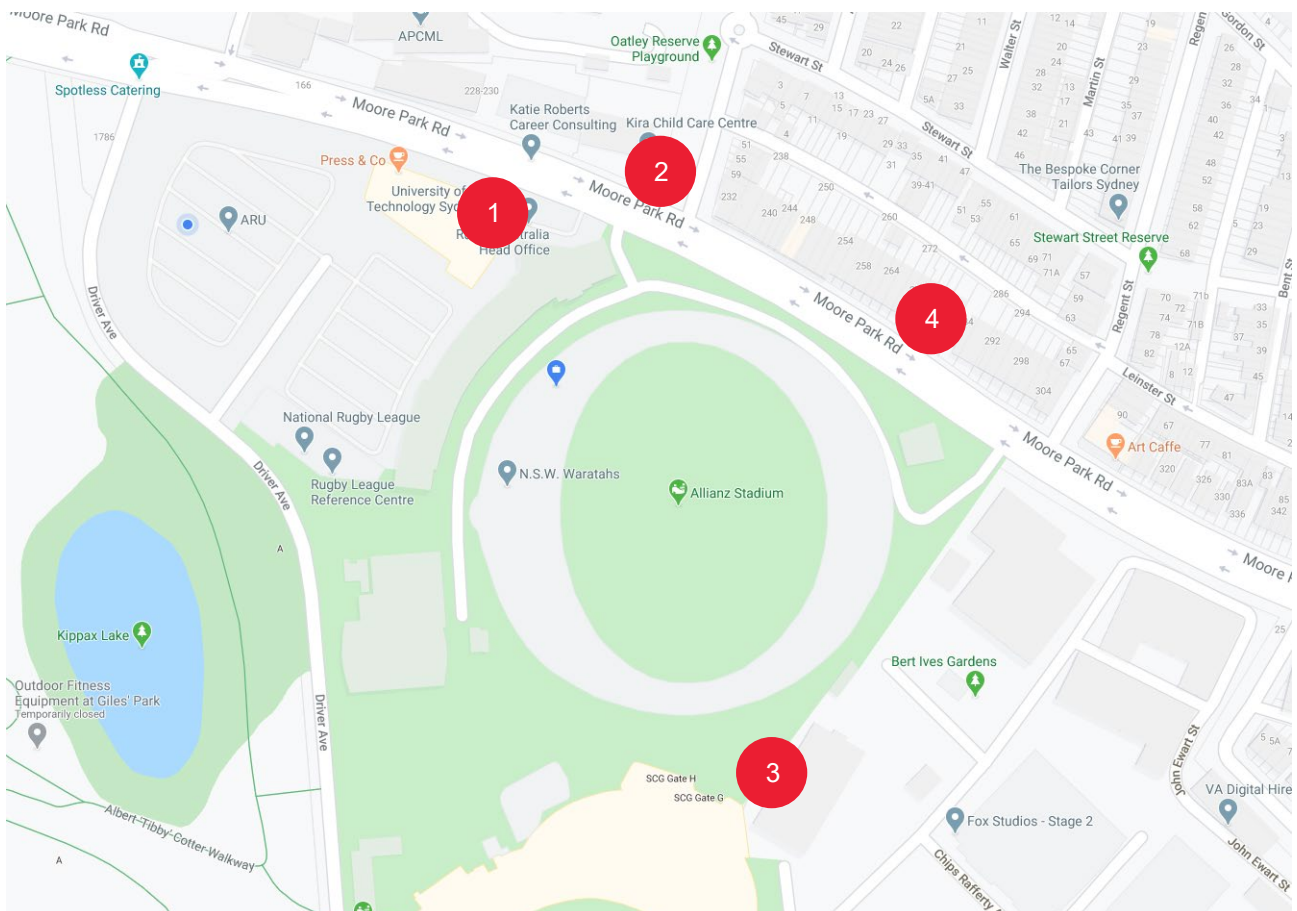


Figure 1 Monitoring locations as identified in CNIS 1. E5 2. CC2 3. C1 4. R6

4 Monitoring Results

The monitoring results recorded during the works are presented in Table 1 below.

Table 1 - Monitoring Results

Date	Time	Location	NML Laeq(15)	Result Laeq(15)	Comment
27/10/21	18:30	E5	45	63.2	Construction works inaudible, Traffic primary contribution to noise level
27/10/21	18:45	CC2	70	61.5	Construction works inaudible. Traffic only noise source
27/10/21	19:05	R6	54	61.2	Construction works inaudible. Traffic primary noise source
27/10/21	19:25	C1	70	50.1	Construction works indiscernible from background noise.
28/10/21	18:00	E5	45	69.9	Construction works inaudible, Traffic primary contribution to noise level
28/10/21	18:15	CC2	70	64.1	Construction works inaudible, Traffic primary noise source
28/10/21	18:35	R6	54	62.3	Construction works inaudible, Traffic primary contribution to noise level
28/10/21	19:15	C1	70	51.1	Construction works indiscernible from background noise.
02/11/21	18:05	E5	45	62.3	Construction works inaudible, Traffic primary contribution to noise level
02/11/21	18:20	CC2	70	62.4	Construction works inaudible, Traffic primary contribution to noise level
02/11/21	18:40	R6	54	61.4	Construction works inaudible, Traffic primary contribution to noise level
02/11/21	19:10	C1	70	52.2	Construction works indiscernible from background noise.
04/11/21	19:10	E5	45	63.1	Construction works inaudible, Traffic primary contribution to noise level
04/11/21	19:35	CC2	70	62.6	Construction works inaudible, Traffic primary contribution to noise level

Date	Time	Location	NML Laeq(15)	Result Laeq(15)	Comment
04/11/21	19:55	R6	54	62	Construction works inaudible, Traffic primary contribution to noise level
04/11/21	20:25	C1	70	53.8	Construction works inaudible, Traffic primary contribution to noise level
9/11/21	19:00	E5	45	61.7	Construction works inaudible, Traffic primary contribution to noise level
9/11/21	19:15	CC2	70	61.0	Construction works inaudible, Traffic primary contribution to noise level
9/11/21	19:30	R6	54	61.2	Construction works inaudible, Traffic primary contribution to noise level
9/11/21	19:55	C1	70	51.2	Construction works indiscernible from background noise.
11/11/21	20:10	E5	45	62	Construction works inaudible, Traffic primary contribution to noise level
11/11/21	20:25	CC2	70	62.9	Construction works inaudible, Traffic primary contribution to noise level
11/11/21	20:40	R6	54	64.9	Construction works inaudible, Traffic primary contribution to noise level
11/11/21	21:00	C1	70	54.2	Construction works indiscernible from background noise.
16/11/21	18:15	E5	45	63.8	Construction works inaudible, Traffic primary contribution to noise level
16/11/21	18:30	CC2	70	62.5	Construction works inaudible, Traffic primary contribution to noise level
16/11/21	18:45	R6	54	62.6	Construction works inaudible, Traffic primary contribution to noise level
16/11/21	19:15	C1	70	47.9	Construction works inaudible, Traffic primary contribution to noise level

Date	Time	Location	NML Laeq(15)	Result Laeq(15)	Comment
18/11/21	19:15	E5	45	66.5	Construction works inaudible, Traffic primary noise source
18/11/21	19:30	CC2	70	61.7	Construction works inaudible, Traffic primary noise source
18/11/21	19:45	R6	54	61.1	Construction works inaudible, Traffic primary noise source
18/11/21	20:10	C1	70	50.2	Construction works inaudible, Traffic primary contribution to noise level
23/11/21	18:30	E5	45	64.3	Construction works inaudible, Traffic primary contribution to noise level
23/11/21	18:45	CC2	70	62.7	Construction works inaudible, Traffic primary contribution to noise level
23/11/21	19:00	R6	54	63.3	Construction works inaudible, Traffic primary contribution to noise level
23/11/21	19:30	C1	70	52	Construction works inaudible, Traffic primary noise source
25/11/21	19:00	E5	45	67.7	Construction works inaudible, Traffic primary noise source
25/11/21	19:15	CC2	70	64.8	Construction works inaudible, Traffic primary noise source
25/11/21	19:30	R6	54	64	Construction works inaudible, Traffic primary noise source
25/11/21	20:00	C1	70	54.3	Construction works inaudible, Traffic primary noise source

5 Mitigation Measures

Consistent with JHG's initial application and the conditions imposed by the DPIE, the following mitigation measures were implemented prior to, during, and post each event:

- Community notification by way of letterbox drops (Appendix 1);
- Site Meeting/Toolbox held with all relevant staff to ensure the requirements are understood;
- Use of task lighting in dedicated work areas, all lighting was internal and not observed by residents;
- Class A hoarding remained closed during construction access to Moore Park Road during all activities undertaken during the OOHW period;
- Noise monitoring of all activities undertaken;

- Implementation of the OOH procedure and permit for all proposed activities;
- No carrying out of high impact works or activities as defined in the consent were undertaken concurrently with the OOH the subject of this report;
- Drivers were advised of approved routes; and
- Works were scheduled and completed at times when no other OOH were being carried out.

6 Noise Predictions

Noise emissions at the nearest residential receiver, R6 – 252 Moore Park Rd, Paddington were predicted to be Laeq(15min) 38dBA, which is below the night-time NML of 42dBA. Maximum noise levels of up to 46dBA were predicted at R6, below the maximum noise level criteria. Noise emissions further from Construction works inaudible, Traffic primary contribution to noise level on site such as R9-5 Poate Road, Paddington, and R10-107 Cook Road, were predicted to be lower than R6, therefore below the NML of 37dBA.

7 Discussion

During the OOH, attended monitoring Laeq(15) readings were above NMLs as a result of significant traffic on Moore Park Road and surrounding roads. These results are consistent with previously recorded data on the in-situ monitors and observed during previous attended monitoring for other out of hours activities, and regular monthly monitoring. Field observations note that works were inaudible at 3 locations and not distinguishable from background noise at 1 location.

The recorded results do not indicate any exceedances of the predicted noise levels on any occasion during the period and were generally consistent with previously monitored background levels. The works resulted in a negligible noise impact to surrounding sensitive receivers. Works will continue to be conducted during standard construction hours as far as practicable.

8 Complaints

Two complaints were received during this period relating to on street parking which has been actioned and closed, one further complaint received regarding unrelated works. No complaints were received regarding noise for the entire period further demonstrating that the OOH completed during the period did not disrupt surrounding sensitive receivers. The Complaint's Register is provided in Appendix 2 for the reporting period as evidence.

1 Appendix 1 – Community Notifications

Sydney Football Stadium Redevelopment

Community notification

Out of hours works

Oversize, overmass deliveries

21 October 2021

Dear neighbour

The NSW Government is redeveloping the Sydney Football Stadium into a modern, world-class venue, to ensure Sydney has a sporting and entertainment precinct of an international standard.

As part of the redevelopment, oversize, overmass traffic movements and out of hours works are required for internal fitout trades and roof structural steel.

Both the out of hours works and oversize, overmass traffic movements have been approved by the Department of Planning, Industry and Environment and all required road occupancy licences, permits and approvals have been granted.

Our of hours work

Works are scheduled on the following dates and times next week:

- **Monday 25 October 2021:** 6pm to 12am (internal fitout)
- **Tuesday 26 October 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Wednesday 27 October 2021:** 6pm to 12am (internal fitout)
- **Thursday 28 October 2021:** 6pm to 12am (internal fitout)
- **Friday 29 October 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)

The Site Managers will be contactable during the out of hours work on 0437 040 656 for the internal fitout works and on 0417 575 958 for the roof structural steel.

What to expect

No high impact works or activities are permitted. We will take all feasible and reasonable measures to minimise noise and other impacts during these works.

Noise monitoring will be conducted and where noise levels are confirmed to exceed predicted allowable levels, appropriate respite will be offered to affected residents.

There will be no simultaneous implementation of other out of hours works activities. No out of hours works will be carried out on weekends or public holidays.

Oversize, overmass deliveries

Oversize, overmass traffic movements will be undertaken at the Sydney Football Stadium redevelopment the week commencing 25 October at the following dates and times (weather permitting).



- » Email communitysfsr@jhq.com.au
- » Visit infrastructure.nsw.gov.au/sfs
- » Call 1800 414 020

Sydney Football Stadium Redevelopment

Community notification

Out of hours works

Oversize, overmass deliveries

27 October 2021

Dear neighbour

The NSW Government is redeveloping the Sydney Football Stadium into a modern, world-class venue, to ensure Sydney has a sporting and entertainment precinct of an international standard.

As part of the redevelopment, oversize, overmass traffic movements and out of hours works are required for internal fitout trades and roof structural steel.

Both the out of hours works and oversize, overmass traffic movements have been approved by the Department of Planning, Industry and Environment and all required road occupancy licences, permits and approvals have been granted.

Our of hours work

Works are scheduled on the following dates and times next week:

- **Monday 1 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Tuesday 2 November 2021:** 6pm to 12am (internal fitout)
- **Wednesday 3 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Thursday 4 November 2021:** 6pm to 12am (internal fitout)
- **Friday 5 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)

The Site Managers will be contactable during the out of hours work on 0437 040 656 for the internal fitout works and on 0417 575 958 for the roof structural steel.

What to expect

No high impact works or activities are permitted. We will take all feasible and reasonable measures to minimise noise and other impacts during these works.

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» Visit infrastructure.nsw.gov.au/sfs
» Call 1800 414 020

Oversize, overmass deliveries

Oversize, overmass traffic movements will be undertaken at the Sydney Football Stadium redevelopment the week commencing 1 November at the following dates and times (weather permitting).

Gate 1A on Moore Park Road:

- **Monday 1 November:** 4am – 5am

The oversize, overmass traffic movements have to be scheduled during times where traffic levels are low on the surrounding roads, and will be under traffic control where required.

The Site Manager will be contactable on 0417 575 958.

If you have any questions, please do not hesitate to contact us via the project phone line and email.

Thank you for your patience and ongoing cooperation during this essential work.

Yours sincerely,

The Sydney Football Stadium Redevelopment Project Team

Sydney Football Stadium Redevelopment

Community notification

Out of hours works

3 November 2021

Dear neighbour

The NSW Government is redeveloping the Sydney Football Stadium into a modern, world-class venue, to ensure Sydney has a sporting and entertainment precinct of an international standard.

As part of the redevelopment, out of hours works are required for internal fitout trades and roof structural steel.

The out of hours works have been approved by the Department of Planning, Industry and Environment.

Our of hours work

Works are scheduled on the following dates and times next week:

- **Monday 8 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Tuesday 9 November 2021:** 6pm to 12am (internal fitout)
- **Wednesday 10 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Thursday 11 November 2021:** 6pm to 12am (internal fitout)
- **Friday 12 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)

The Site Managers will be contactable during the out of hours work on 0437 040 656 for the internal fitout works and on 0417 575 958 for the roof structural steel.

What to expect

No high impact works or activities are permitted. We will take all feasible and reasonable measures to minimise noise and other impacts during these works.

Noise monitoring will be conducted and where noise levels are confirmed to exceed predicted allowable levels, appropriate respite will be offered to affected residents.

There will be no simultaneous implementation of other out of hours works activities. No out of hours works will be carried out on weekends or public holidays.

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Thank you for your patience and ongoing cooperation during this essential work.

Yours sincerely,

The Sydney Football Stadium Redevelopment Project Team



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» Call 1800 414 020

Sydney Football Stadium Redevelopment

Community notification

Out of hours works

11 November 2021

Dear neighbour

The NSW Government is redeveloping the Sydney Football Stadium into a modern, world-class venue, to ensure Sydney has a sporting and entertainment precinct of an international standard.

As part of the redevelopment, out of hours works are required for internal fitout trades and roof structural steel.

The out of hours works have been approved by the Department of Planning, Industry and Environment.

Our of hours work

Works are scheduled on the following dates and times next week:

- **Monday 15 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Tuesday 16 November 2021:** 6pm to 12am (internal fitout)
- **Wednesday 17 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Thursday 18 November 2021:** 6pm to 12am (internal fitout)
- **Friday 19 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)

The Site Managers will be contactable during the out of hours work on 0437 040 656 for the internal fitout works and on 0417 575 958 for the roof structural steel.

What to expect

No high impact works or activities are permitted. We will take all feasible and reasonable measures to minimise noise and other impacts during these works.

Noise monitoring will be conducted and where noise levels are confirmed to exceed predicted allowable levels, appropriate respite will be offered to affected residents.

There will be no simultaneous implementation of other out of hours works activities. No out of hours works will be carried out on weekends or public holidays.

If you have any questions, please do not hesitate to contact us via the project phone line and email.

Thank you for your patience and ongoing cooperation during this essential work.

Yours sincerely,

The Sydney Football Stadium Redevelopment Project Team



» Email communitysfsr@jhgc.com.au
» Visit infrastructure.nsw.gov.au/sfs
» Call 1800 414 020

Sydney Football Stadium Redevelopment

Community notification

Out of hours works

18 November 2021

Dear neighbour

The NSW Government is redeveloping the Sydney Football Stadium into a modern, world-class venue, to ensure Sydney has a sporting and entertainment precinct of an international standard.

As part of the redevelopment, out of hours works are required for internal fitout trades and roof structural steel.

The out of hours works have been approved by the Department of Planning, Industry and Environment.

Our of hours work

Works are scheduled on the following dates and times next week:

- **Monday 22 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Tuesday 23 November 2021:** 6pm to 12am (internal fitout)
- **Wednesday 24 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)
- **Thursday 25 November 2021:** 6pm to 12am (internal fitout)
- **Friday 26 November 2021:** 3am to 6am and 6pm to 8pm (roof structural steel)

The Site Managers will be contactable during the out of hours work on 0437 040 656 for the internal fitout works and on 0417 575 958 for the roof structural steel.

What to expect

No high impact works or activities are permitted. We will take all feasible and reasonable measures to minimise noise and other impacts during these works.

Noise monitoring will be conducted and where noise levels are confirmed to exceed predicted allowable levels, appropriate respite will be offered to affected residents.

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If you have any questions, please do not hesitate to contact us via the project phone line and email.

Thank you for your patience and ongoing cooperation during this essential work.

Yours sincerely,

The Sydney Football Stadium Redevelopment Project Team



» Email communitysfsr@jhg.com.au
» Visit infrastructure.nsw.gov.au/sfs
» Call 1800 414 020

Gate 1A on Moore Park Road:

- **Friday 29 October:** 4am – 5am
- **Saturday 30 October:** 5am – 6am

The oversize, overmass traffic movements have to be scheduled during times where traffic levels are low on the surrounding roads, and will be under traffic control where required.

The Site Manager will be contactable on 0417 575 958.

If you have any questions, please do not hesitate to contact us via the project phone line and email.

Thank you for your patience and ongoing cooperation during this essential work.

Yours sincerely,

The Sydney Football Stadium Redevelopment Project Team

2 Appendix 2 – Complaints Register

Date of complaint	Complainant	Nature of complaint	Response	Complaint status
3/11/2021	Local resident	Email from local resident regarding concerns workers parking in residential streets.	4/11/2021: Investigation into subcontractor mentioned by resident to see if they were located on the SFS site. Could not locate them on subcontractor register.	Closed
18/11/2021	Local resident	Email from local resident regarding concerns workers parking in residential streets. Number plates from cars included.	18/11/2021: Number plate for one car matched in SFS records. Subcontractor advised and told not to park in residential streets.	Closed
19/11/2021	Local resident	Email from local resident regarding HV cabling works restoration works by subcontractor, which had damaged fence.	19/11/2021: Matter referred to subcontractor for rectification. Awaiting report from structural engineer and for fence to be rectified by subcontractor. Ongoing	Open