

**Sydney Football Stadium
Redevelopment Stage 2
Environmental Monitoring Summary –
March 2020**

**Author: Cameron Newling
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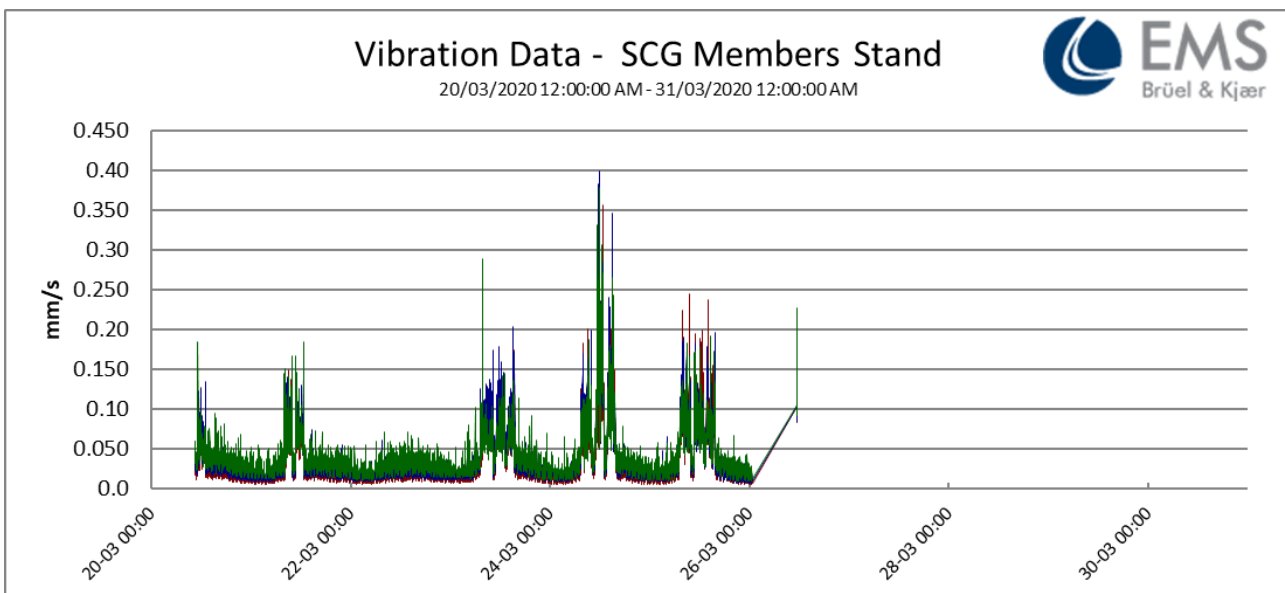
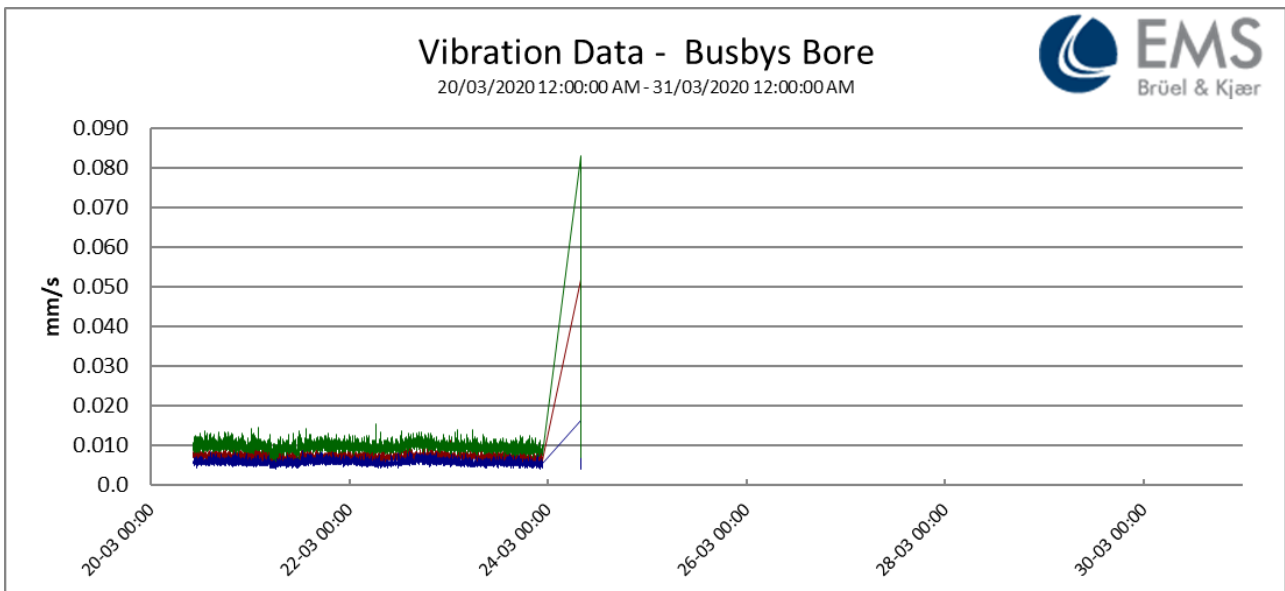
1 Vibration Monitoring

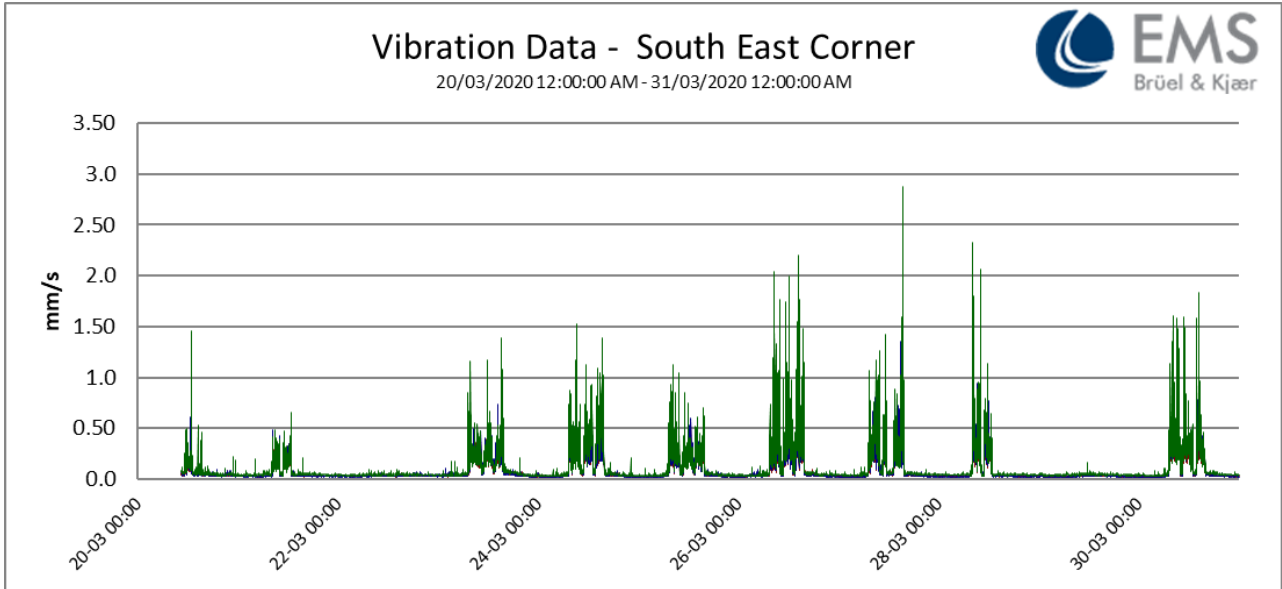
1.1 Real time monitoring

1.1.1 Results

Real time vibration monitoring is conducted in 3 locations

- Busbys Bore – Criteria of 5mm/s
- SCG Members Stand – Criteria of 3mm/s
- South Eastern Boundary adjacent to Fox Studios – adopted criteria of 7.5mm/s





1.1.2 Discussion

Results were compliant with the relevant criteria during the period.

1.2 Attended Monitoring

None carried out during the period.

2 Noise Monitoring

2.1 Real time monitoring

Real time monitors are located at the following locations

- Kira Childcare
- North East Boundary near Moore Park Road

The adopted criteria is as per the conditions of the Development Consent below:

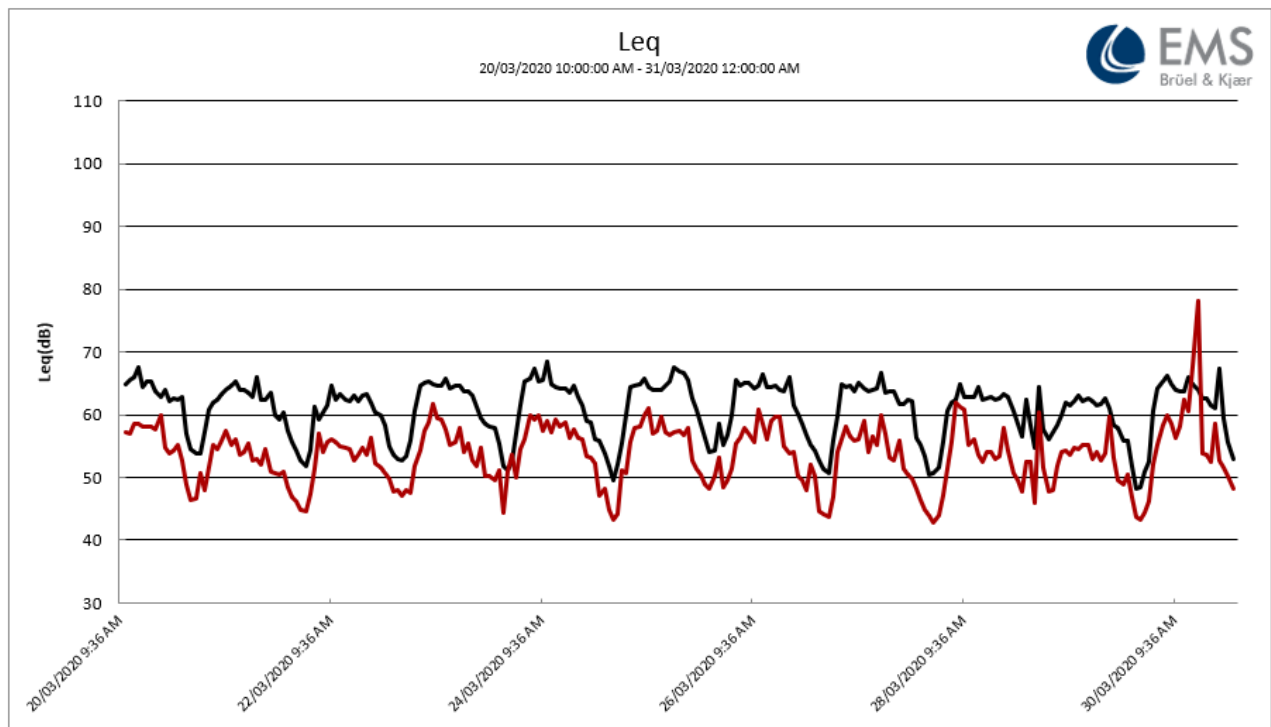
C7. All works that generate noise exceeding 75dB(A) LAeq (15mins) are subject to the intra-day respite periods, as approved by the Planning Secretary in the CNVMP in condition B28

B28e(iv). the following intra-day respite periods (as defined by ICNG) for works exceeding 75dB(A) LAeq(15 mins), unless otherwise agreed with the identified sensitive receivers such as UTS, Kira Child Care Centre and / or Fox Studios and evidence of the agreement provided to the Planning Secretary, prior to the commencement of the works:

- in continuous blocks not exceeding 3 hours each with one hour of respite every three hours block;
- scheduling of works outside of the examination time for educational establishments; and
- noise intrusive works commencing after 8am and be undertaken within the approved standard construction hours.

2.1.1 Results

<input checked="" type="checkbox"/>	Kira Child Care
<input checked="" type="checkbox"/>	Moore Park Road



2.1.2 Discussion

Works were compliant with the criteria.

2.2 Attended Monitoring

Attended monitoring was carried out at 4 locations as below

Date	Time	Location	Predicted Laeq(15)	Result (Laeq)	Comment
23/3/20	10:05	E5	77	65.5	Compliant
23/3/20	10:35	CC2	75	73.4	Compliant
23/3/20	11:20	C1	76	69.1	Compliant
23/3/20	11:55	R6	80	72.1	Compliant

3 Dust Monitoring

3.1 Real Time Monitoring

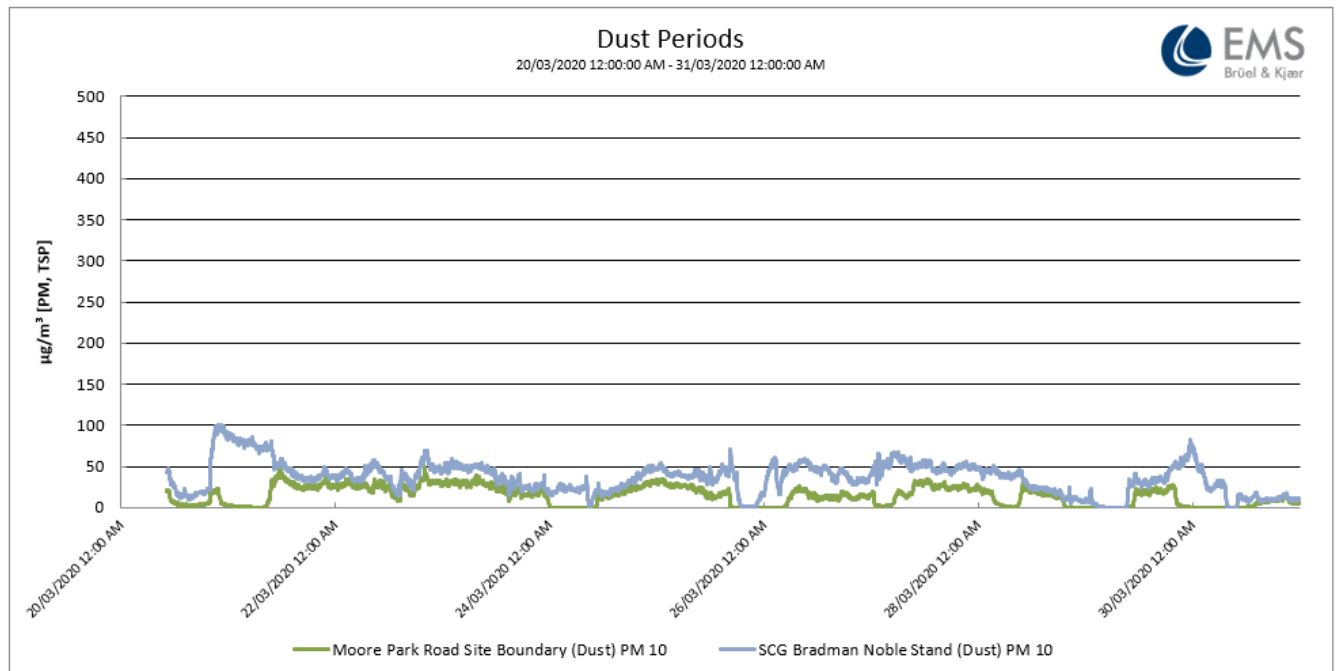
2 Real time dust monitors are installed on the site

- North eastern boundary near Moore Park Road
- South east boundary near Fox Studios

The criteria and trigger values are as below:

Trigger Stage	Averaging Period	Trigger Value ($\mu\text{g}/\text{m}^3$)	Action Required
1 Investigate	1 hour	85	Site Manager to undertake review of possible dust sources operating during the average period.
	3 hour	80	Identify possible measures for these activities; action if deemed necessary.
2 Action	1 hour	470	Site Manager to attend site and ensure implementation of the control.
	3 hour	160	Effectiveness of control actions to be reviewed and escalate where appropriate.
3 Stop Work	1 hour	940	Targeted shut down of dust-generating activities until the measured pollutant levels are below the stated trigger value.
	3 hour	320	Identify long-term solutions to dust issues.

3.1.1 Results



3.1.2 Discussion

5 alerts were received. These were investigated and strong southerly winds were coming from south of the SCG in the middle of the night on the 20/21 of March. The elevated dust levels were not due to the SFS works.

3.2 Dust Deposition Monitoring

No data for the period.