

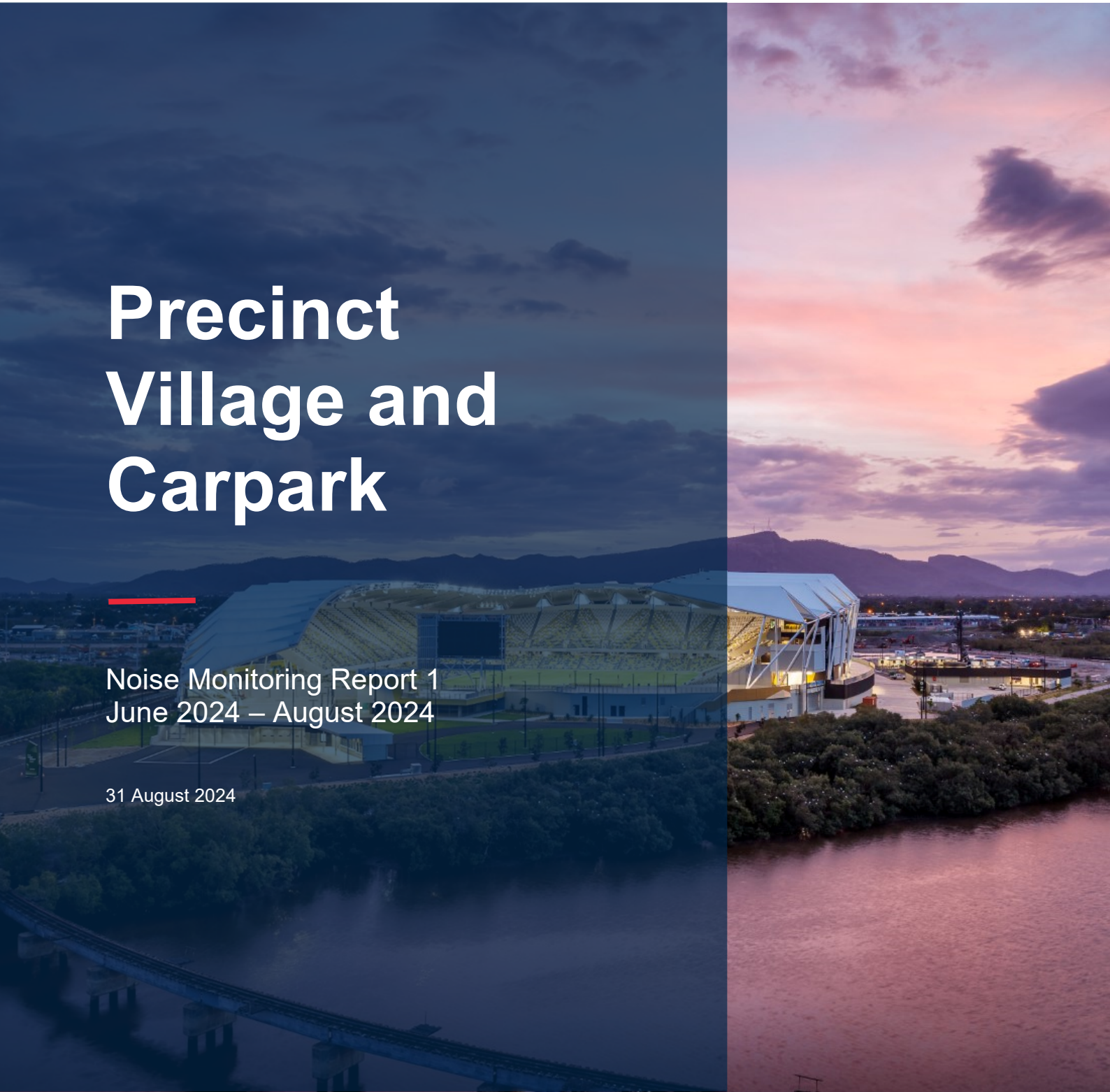


# Precinct Village and Carpark

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Noise Monitoring Report 1  
June 2024 – August 2024

31 August 2024



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# Precinct Village and Carpark

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# 1. Introduction

## 1.1 Project Scope

BESIX Watpac has been appointed by Venues NSW as Principal Contractor for the Precinct Village and Car Park (PV&C) which represents the next stage of development. The PV&C was approved via modification to SSD 9835 on 18 July 2022 by the Minister for Planning and Public Spaces' delegate. In approving the modification, approval was granted for:

- Up to a maximum of 1,500 space multilevel carpark below ground level with the following access arrangements:
  - » 1 x egress point onto Moore Park Road to be used on event days only;
  - » 1 x two-lane access point from Driver Ave to be used on event and non-event days; and
  - » dedicated area within the car park for operation/servicing vehicles.
- Reconfiguration of the currently approved drop off requirements for the elderly and mobility impaired;
- Free flow level pedestrian access to and from the SFS concourse from Driver Ave and Moore Park Road;
- Electric car charging provision;
- A versatile and community public domain, comprising:
  - » provision for 4 x north-south orientated tennis courts on non-event days with the potential to become an event platform on event days;
  - » children's playground;
  - » 1,500 m2 cafe / retail / restaurants with associated amenities in a single storey pavilion (6 metre) low level;
  - » customer service office and ticket window; and
  - » vertical transport provisions
- Utilities provision

## 1.2 Reporting Requirements

Consent Condition	Requirement	Reference
C17	The Applicant must undertake short term attended noise monitoring for all 'High Noise Impact Works' that predicted to exceed the NMLs, identified in the CNVMP (B28). and any other works that generate noise exceeding 75dB(A) LAeq (15mins) and a noise monitoring report must be produced and submitted to the Planning Secretary every three months following commencement of the construction to verify that:	Section 2
C17(a)	(a) construction noise levels do not exceed the recommended NMLs identified in the Stage 2 SSDA – Noise and Vibration Assessment prepared by ARUP dated 30 August 2019; and	Section 2 Section 3
C17(b)	(b) Noise management and mitigation measures have been implemented where the NMLs are exceeded.	Section 3



### 1.3 Surrounding Land Use

Residential zones are located to the north and north-east in Paddington, east and south-east in Centennial Park, as well as west along South Dowling Street in Surry Hills and Redfern. Non-residential premises also surround the site, with scattered childcare, places of worship, educational facilities and Paddington Town Hall located in Paddington and Centennial Park, high schools located across Anzac Parade and various recreation areas nearby, shown in Figure 1.



Figure 1 - Noise Catchment Areas included in the SSD Noise and Vibration Impact Assessment, Image Provided by PWNA.

Residential receivers located within similar environments and with comparable relationship to surrounding noise sources have been grouped into Noise Catchment Areas (NCAs), also shown in Table 1.

Table 1 - Noise Catch Areas (NCAs)

NCA	Description	NSW NPfl Area Classification
NCA 1	Surry Hills and Redfern (along South Dowling Street) Urban Area	

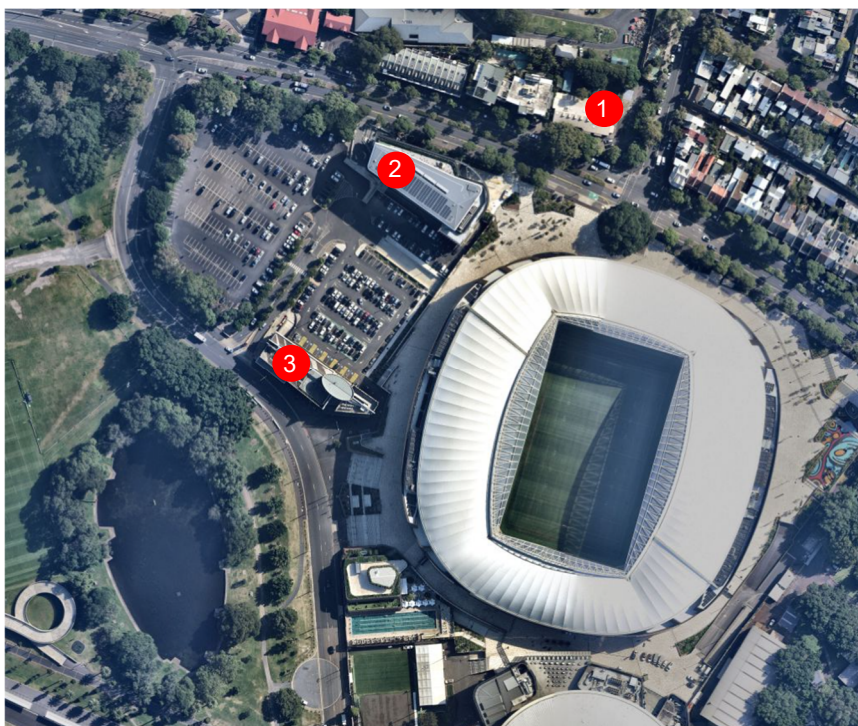


NCA 2	Surry Hills (intersection between Anzac Parade and Flinders Street)	Urban Area
NCA 3	Paddington, Moore Park Road	Urban Area
NCA 4	Paddington Local Roads	Urban Area
NCA 5	Centennial Park Land Road and Local Roads	Suburban Area
NCA 6	Centennial Park Roberston Road and Local Roads	Suburban Area

## 1.4 Noise Monitoring Locations

In accordance with Section 6 of the Construction Noise and Vibration Management Plan. Short term attended noise monitoring and unattended noise measurements should be conducted over consecutive 15 minutes periods at three locations, where real time monitors are also located.

1. Kira Childcare
2. ARU/UTS
3. NRL Building



*Figure 2 - Noise Monitoring Locations*

The attended noise monitoring of excavation and construction activities will be undertaken at 3 monthly periods in accordance with the requirements of C17 of the SSD and at the commence of any rock breaking, piling or sawing on the site. Should any complaints be received, attended noise monitoring shall be conducted.

## 2. Noise Monitoring

### 2.1 Real time monitoring

Real time monitors are located in the following locations:

1. Kira Childcare
2. ARU/UTS
3. NRL Building

The adoption criteria 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.*

*B28(e)(iv) (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 Childcare Centre and NRL 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.*

### 2.2 Works Being Undertaken

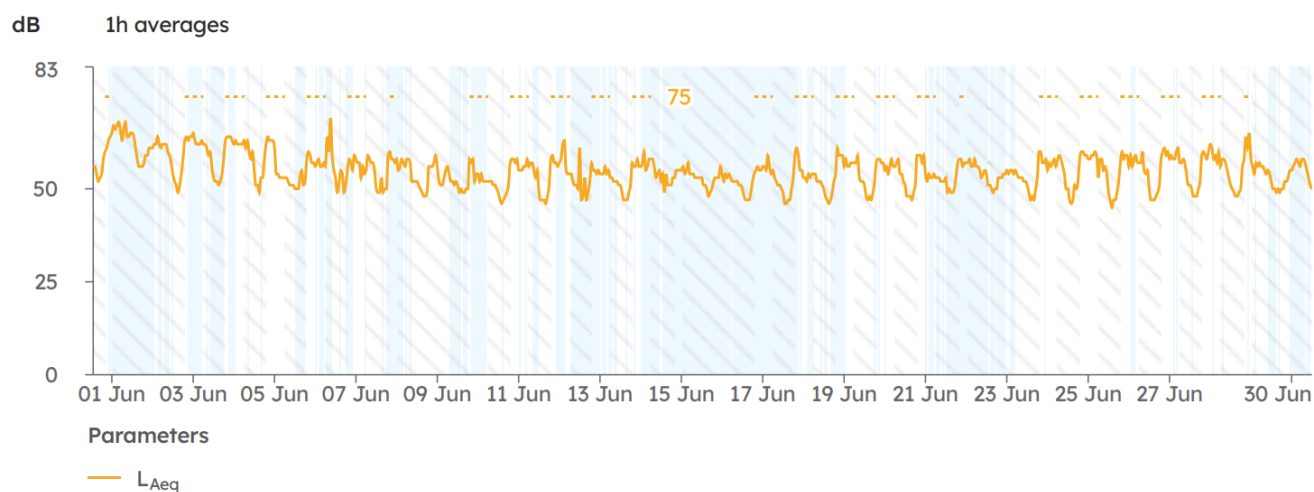
Work during the period consisted of:

- Site establishment
- Preparing piling platform
- Installation and removal of guide wall
- Piling
- Trimming of piles
- Haulage of spoil
- Concreting

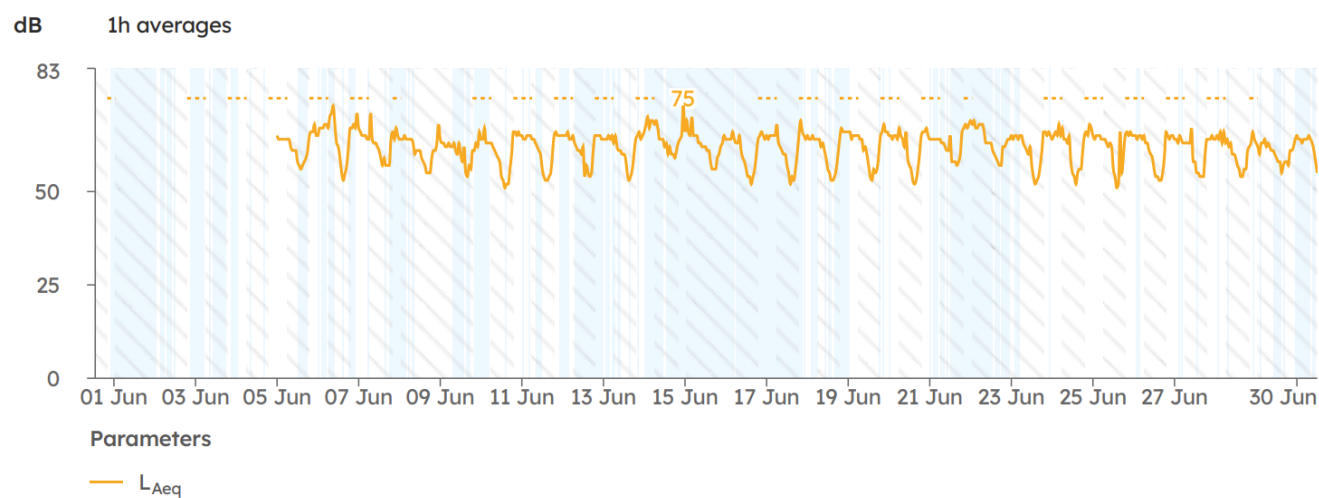
## 2.3 Results

### 2.3.1 June 01 – 30 2024

#### NRL building



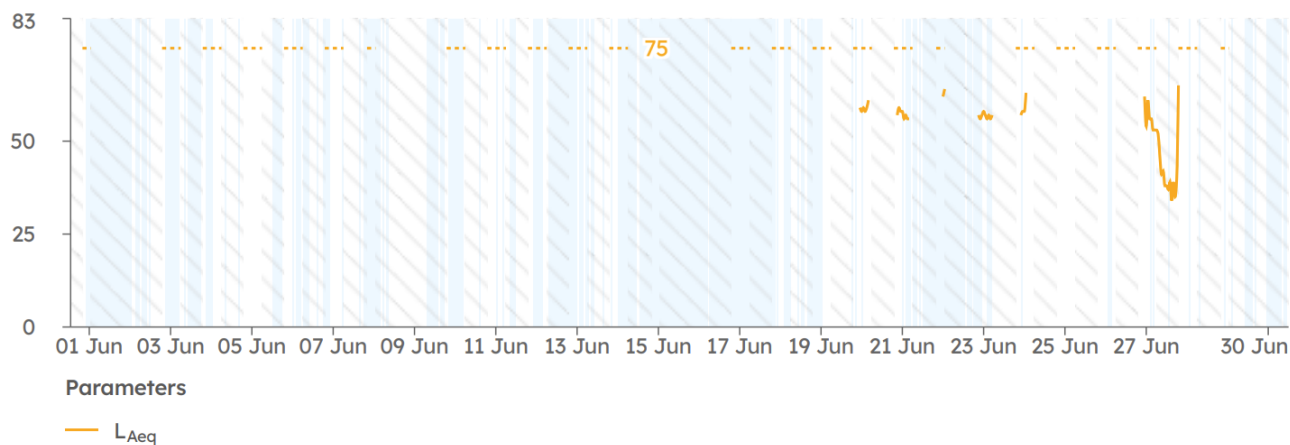
#### Kira Childcare





## ARU/UTS

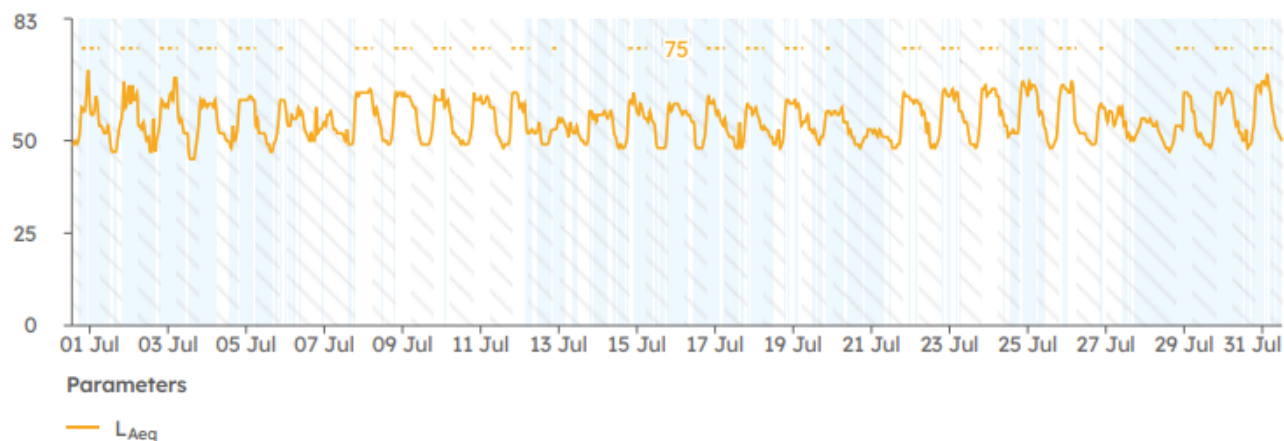
dB 1h averages



### 2.3.2 July 01 – 31 2024

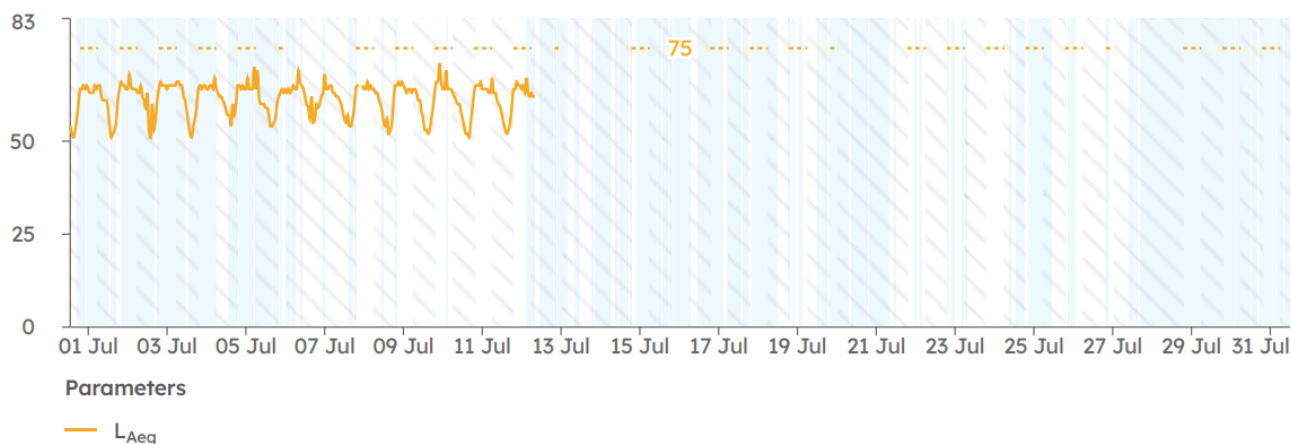
## NRL

dB 1h averages



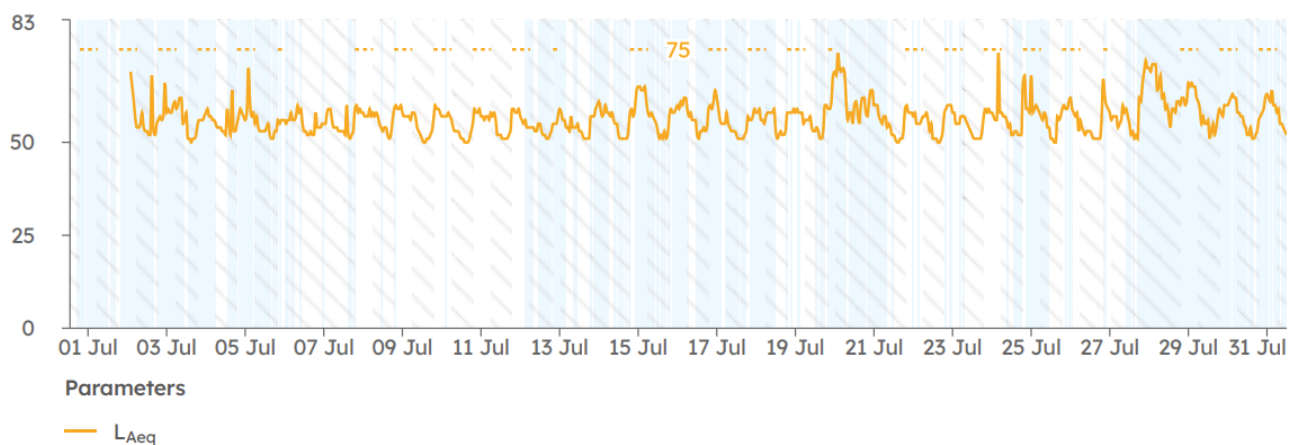
## Kira Childcare

dB 1h averages



## ARU/UTS

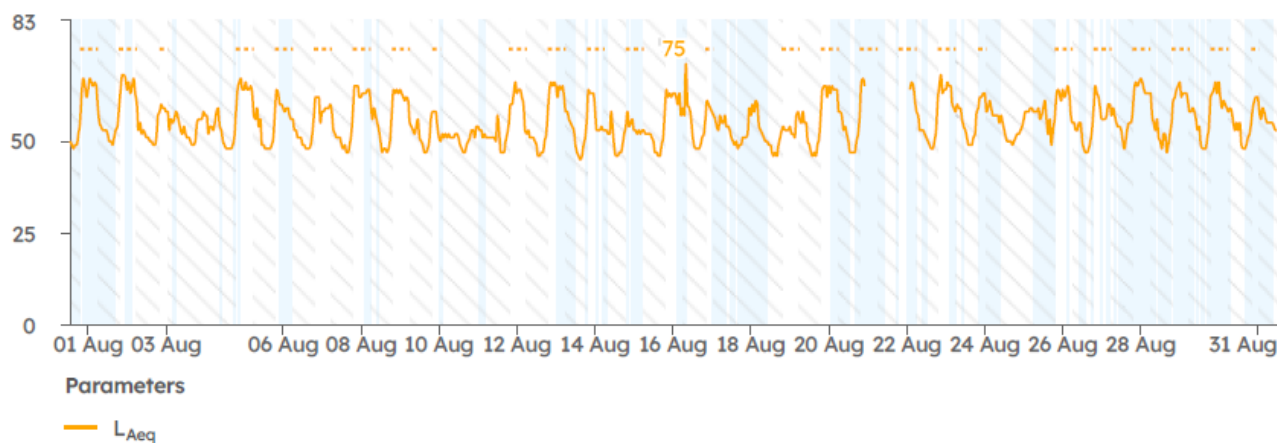
dB 1h averages



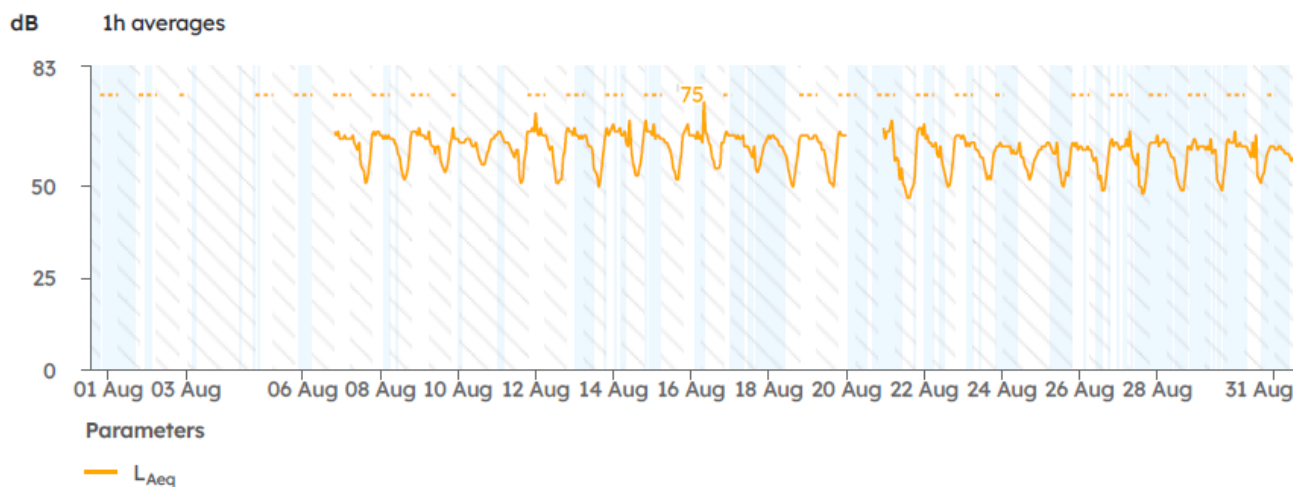
### 2.3.3 August 01 – 31 2024

## NRL

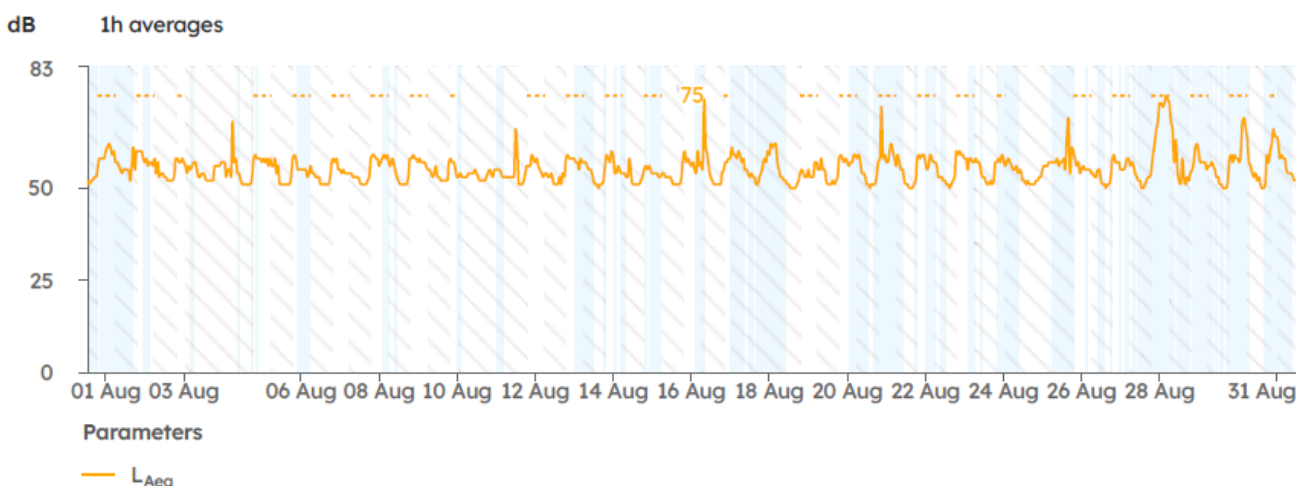
dB 1h averages



## Kira Childcare



## ARU/UTS



## 2.4 Discussion

- During the month of June there was some technical issues with the ARU/UTS Monitor. This was subsequently replaced and not working without any issues. During the time where the monitor was not providing reading there was no complaints of the like raised by the ARU/UTS Building Tenants.
- Works were all compliant with criteria. There were no exceedances of the stop work criteria.
- Attended monitoring during this period also demonstrated that construction works were largely inaudible to nearby residential receivers due to road noise. Attended results did not exceed the predicted levels of the CNVMP. Exceedances of the NML are considered compliant as in all instances these were caused by road vehicles, aeroplanes & wildlife, as the primary sources of noise.
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## 2.5 Attended Monitoring

E.g. Attended monitoring was carried out at the 3 locations as below.

Date	Time	Location	Predicted LAeq(15)	Result LFmax(15)	Result LAeq(15)	Monitoring Trigger	Comment
16/07/2024	12:43	ARU/UTS	75	85.2	62.4	75	Compliant – Heavy vehicle pass by
23/07/2024	11:00	252 MP Rd	75	79.9	64.87	75	Compliant - Heavy traffic passing by
16/07/2024	13:00	NRL	75	84	64.32	75	Compliant - Rollers & excavator
16/07/2024	12:20	Kira CC	75	83.6	63.4	75	Compliant – trimming reo
20/08/2024	13:55	ARU/UTS	75	84.5	74.89	75	Compliant – Trucks & other motor vehicles passing by
20/08/2024	13:35	252 MP Rd	75	78.7	60.91	75	Compliant - Heavy vehicles passing by
20/08/2024	14:15	NRL	75	68.1	62.97	75	Compliant - Multiple motor vehicles passing by
20/08/2024	13:15	Kira CC	75	72.9	62.76	75	Compliant - Motor vehicles stopped and accelerating at lights

## 3. Mitigation Measures

During construction there was no exceedances of the NMLs and were still under the predicted levels. It can be confirmed that the mitigations were in place with Section 6 of the Construction Noise and Vibration Management Plan, in particular:

- Respite periods (3 on and 1 off) and no high impact works prior to 8am
- Class A hoarding installed on Eastern side from ARU/UTS around to the NRL building
- Noise monitors installed on ARU/UTS, NRL and Kira Child Care, with set triggers in accordance with Noise and vibration management plan.

No noise complaints were received in relation to the construction works.

## 4. Noise Monitoring Reports

### 4.1 July 2024 - UTS

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	16/07/2024	Time: 12:43	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Fletcher Bessant		
Location	UTS		

Section 2: Conditions	
Wind Speed* (m/s)	10.29      Wind Direction: WSW
Temperature (c)	8.7      Cloud Cover (%):
Rainfall* (mm)	0      General Conditions: Partly cloudy
Site Characteristics	Civil works: <ul style="list-style-type: none"> <li>- Preparing piling platform with rollers &amp; excavators</li> <li>- Excavating trenches for guide wall</li> </ul>
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>	

Section 3: Monitoring Equipment	
Noise Monitor	Protech QM 1589      Calibration Date: 15/07/2024
Calibrator	ACU-VIB Electronics      Calibration Date:
Field Calibration Before	-      Field Calibration After: -

## Section 4: Results

### Predicted LAeq(15)

Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	62.4	
LFmax(dBA)	85.2	

Item	Comments
What works are occurring?	Excavating for guide wall & removing existing reo
Is construction noise audible?	Yes
Is extraneous noise present during measurement?	Yes
Is constriction noise the dominant noise source?	No
Is construction noise high impact or intrusive? If yes, add 5dBA penalty.	No
Is the measurement compliant with relevant criteria?	Yes

### Other Comments and Observations

Minute	Minute by Minute dB	Observation
1	59.7	
2	61.3	
3	63.8	
4	64.1	
5	58.5	



6	65.2	
7	60.4	
8	62.9	
9	67.1	
10	57.6	
11	64.7	
12	68.2	Large number of cars pass by
13	61.4	
14	63.2	
15	61.9	

#### Section 4: Signoff

##### HSEQ/Environment Manager

Name: Claire Moran    Signature: CM    Date: 21/08/2024

## 4.2 July 2024 – 252 Moore Park Road

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	23/07/2024	Time: 11:00 AM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Fletcher Bessant		
Location	252 Moore Park Road		

Section 2: Conditions		
Wind Speed* (m/s)	6.17	Wind Direction: W
Temperature (c)	19.3	Cloud Cover (%):
Rainfall* (mm)	0	General Conditions:
Site Characteristics	Civil works:	
	- Preparing piling platform with rollers & excavators	
	- Excavating trenches for guide wall	
*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)		

Section 3: Monitoring Equipment			
Noise Monitor	Protech QM 1589	Calibration Date: 15/07/2024	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

## Section 4: Results

Predicted LAeq(15)		
Item	Result	Result
L1(dBA)	-	-
LAeq(dBA)	64.87	-
LFmax(dBA)	79.9	-
Item	Comments	
What works are occurring?	Civil works: <ul style="list-style-type: none"><li>- Preparing piling platform with rollers &amp; excavators</li><li>- Excavating trenches for guide wall</li></ul>	
Is construction noise audible?	No – only cars from Moore Park Road	
Is extraneous noise present during measurement?	Yes	
Is constriction noise the dominant noise source?	No	
Is construction noise high impact or intrusive? If yes, add 5dBA penalty.	No	
Is the measurement compliant with relevant criteria?	Yes	
Other Comments and Observations		
Minute	Minute by Minute dB	Observation
1	70.1	Truck pass by
2	62.4	
3	67	
4	65.8	
5	55.5	
6	73.2	Truck pass by



7	63.1	
8	61.2	
9	68.8	
10	61.7	
11	60.3	
12	74.5	Heavy traffic
13	66.7	
14	64.2	
15	58.5	

#### Section 4: Signoff

##### HSEQ/Environment Manager

Name: Claire Moran    Signature: CM    Date: 21/08/2024

## 4.3 July 2024 - NRL

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	16/07/2024	Time: 1:00 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Fletcher Bessant		
Location	NRL		

Section 2: Conditions		
Wind Speed* (m/s)	10.29	Wind Direction: WSW
Temperature (c)	14.3	Cloud Cover (%): -
Rainfall* (mm)	0	General Conditions: Partly cloudy
Site Characteristics	Civil works: <ul style="list-style-type: none"><li>- Preparing piling platform with rollers &amp; excavators</li><li>- Excavating trenches for guide wall</li></ul>	
*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)		

Section 3: Monitoring Equipment			
Noise Monitor	Protech QM 1589	Calibration Date: 15/07/2024	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

## Section 4: Results

Predicted LAeq(15)	-	
Item	Result	Result
L1(dBA)	-	-
LAeq(dBA)	64.32	-
LFmax(dBA)	84	-
Item	Comments	
What works are occurring?	Excavating and removal of approved trees	
Is construction noise audible?	Yes	
Is extraneous noise present during measurement?	Yes	
Is construction noise the dominant noise source?	No – Car's on driver avenue	
Is construction noise high impact or intrusive? If yes, add 5dBA penalty.	No	
Is the measurement compliant with relevant criteria?	Yes	
Other Comments and Observations		
Minute	Minute by Minute dB	Obeservation
1	62.3	
2	60	
3	61.5	
4	67.9	
5	66.3	
6	62.4	
7	59.5	

8	67.3	
9	71.2	Excavator operating
10	61.7	
11	67.3	
12	65.4	
13	62	
14	68.4	Rollers and excavator operating
15	61.6	

#### Section 4: Signoff

##### HSEQ/Environment Manager

Name: Claire Moran      Signature: CM      Date: 21/08/2024

## 4.4 July 2024 – Kira Child Care

Section 1: Inspection Details			Form Number: 1
Project	N228 Precinct Village and Carpark, Moore Park		
Date	16/07/2024	Time: 12:20 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Fletcher Bessant		
Location	Kira Child Care		

Section 2: Conditions		
Wind Speed* (m/s)	10.29	Wind Direction: WSW
Temperature (c)	14.3	Cloud Cover (%): -
Rainfall* (mm)	0	General Conditions: Partly cloudy
Site Characteristics	Civil works:	
	- Preparing piling platform with rollers & excavators	
	- Excavating trenches for guide wall	
*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)		

Section 3: Monitoring Equipment			
Noise Monitor	Protech QM 1589	Calibration Date: 15/07/2024	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	



## Section 4: Results

Predicted LAeq(15)	-	
Item	Result	Result
L1(dBA)	-	-
LAeq(dBA)	63.4	-
LFmax(dBA)	83.6	-
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Excavating trenches for guide wall</li><li>- Trimming existing reo</li></ul>	
Is construction noise audible?	No	
Is extraneous noise present during measurement?	Yes	
Is constriction noise the dominant noise source?	No – cars on driver avenue	
Is construction noise high impact or intrusive? If yes, add 5dBA penalty.	No	
Is the measurement compliant with relevant criteria?	Yes	
Other Comments and Observation		
Minute	Minute by Minute dB	Observation
1	59.1	
2	60.2	
3	64.3	
4	52.3	
5	55.3	
6	59.1	
7	68.1	

8	65.5	
9	63.7	
10	57.7	
11	67.5	
12	68	
13	65.2	
14	69.6	Truck pass by
15	60.4	

#### Section 4: Signoff

##### HSEQ/Environment Manager

Name: Claire Moran      Signature: CM      Date: 21/08/2024

## 4.5 August 2024 - UTS

Section 1: Inspection Details			Form Number: 1
Project	N228 Precinct Village and Carpark, Moore Park		
Date	20/08/2024	Time: 1:55 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Fletcher Bessant		
Location	UTS		

Section 2: Conditions		
Wind Speed* (m/s)	9.26	Wind Direction: NNE
Temperature (c)	20.4	Cloud Cover (%): -
Rainfall* (mm)	0	General Conditions: Sunny
Site Characteristics	<ul style="list-style-type: none"><li>- CSP &amp; CFA piling continued</li><li>- Concrete pouring for new driveway</li><li>- Excavators &amp; roller operating</li><li>- Pile trimming</li></ul>	
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>		

Section 3: Monitoring Equipment			
Noise Monitor	Protech QM 1589	Calibration Date: 15/07/2024	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

## Section 4: Results

Predicted LAeq(15)	-	
Item	Result	Result
L1(dBA)	-	-
LAeq(dBA)	74.89	-
LFmax(dBA)	84.5	-
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Pile trimming</li><li>- Piling</li></ul>	
Is construction noise audible?	Yes	
Is extraneous noise present during measurement?	Yes	
Is construction noise the dominant noise source?	No – cars & trucks on Moore Park Rd	
Is construction noise high impact or intrusive? If yes, add 5dBA penalty.	No	
Is the measurement compliant with relevant criteria?	Yes	
Other Comments and Observations		
Minute	Minute by Minute dB	Observation
1	67.8	
2	69.5	
3	70.5	
4	69.1	
5	71.4	
6	73	
7	78.7	Truck passing by

8	80	Truck passing by
9	77.9	
10	78.1	
11	76.4	
12	77.6	
13	79.2	Hand saw
14	76.2	
15	78	Hand saw

#### Section 4: Signoff

##### HSEQ/Environment Manager

Name: Claire Moran      Signature: CM      Date: 21/08/2024

## 4.6 August 2024 – 252 Moore Park Road

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	20/08/2024	Time: 1:35 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Fletcher Bessant		
Location	252 Moore Park Road		

Section 2: Conditions		
Wind Speed* (m/s)	9.26	Wind Direction: NNE
Temperature (c)	20.4	Cloud Cover (%): -
Rainfall* (mm)	0	General Conditions: Sunny
Site Characteristics	<ul style="list-style-type: none"><li>- CSP &amp; CFA piling continued</li><li>- Concrete pouring for new driveway</li><li>- Excavators &amp; roller operating</li><li>- Pile trimming</li></ul>	
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>		

Section 3: Monitoring Equipment			
Noise Monitor	Protech QM 1589	Calibration Date: 15/07/2024	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	



## Section 4: Results

Predicted LAeq(15)	-	
Item	Result	Result
L1(dBA)	-	-
LAeq(dBA)	60.91	-
LFmax(dBA)	78.7	-
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Pile trimming</li><li>- Piling</li></ul>	
Is construction noise audible?	No	
Is extraneous noise present during measurement?	Yes	
Is constriction noise the dominant noise source?	No – Only cars & trucks on Moore Park Rd	
Is construction noise high impact or intrusive? If yes, add 5dBA penalty.	No	
Is the measurement compliant with relevant criteria?	Yes	
Other Comments and Observations		
Minute	Minute by Minute dB	Observation
1	55	
2	63	
3	64.2	
4	58.4	
5	56.1	
6	57.7	
7	66.5	

8	56.2
9	66.3
10	65.9
11	62.8
12	69
13	57.4
14	56.3
15	58.9

**Section 4: Signoff**

**HSEQ/Environment Manager**

Name: Claire Moran    Signature: CM    Date: 21/08/2024

## 4.7 August 2024 - NRL

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	20/08/2024	Time: 2:15 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Fletcher Bessant		
Location	NRL		

Section 2: Conditions		
Wind Speed* (m/s)	9.26	Wind Direction: NNE
Temperature (c)	20.4	Cloud Cover (%): -
Rainfall* (mm)	0	General Conditions: Sunny
Site Characteristics	<ul style="list-style-type: none"><li>- CSP &amp; CFA piling continued</li><li>- Concrete pouring for new driveway</li><li>- Excavators &amp; roller operating</li><li>- Pile trimming</li></ul>	
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>		

Section 3: Monitoring Equipment			
Noise Monitor	Protech QM 1589	Calibration Date: 15/07/2024	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

## Section 4: Results

Predicted LAeq(15)	-	
Item	Result	Result
L1(dBA)	-	-
LAeq(dBA)	62.97	-
LFmax(dBA)	68.1	-
Item	Comments	
What works are occurring?	<div>- Piling</div> <div>- Pouring temporary driveway</div>	
Is construction noise audible?	Yes	
Is extraneous noise present during measurement?	Yes	
Is construction noise the dominant noise source?	No	
Is construction noise high impact or intrusive? If yes, add 5dBA penalty.	No	
Is the measurement compliant with relevant criteria?	Yes	
Other Comments and Observations		
Minute	Minute by Minute dB	Observation
1	70.3	Truck exit site
2	63.8	
3	6.5	
4	61.1	
5	67.6	
6	66.4	
7	59.5	

8	60.5	
9	59.1	
10	58.8	
11	60.3	
12	60.7	
13	64.8	Plane
14	65.1	
15	63	

Section 4: Signoff

HSEQ/Environment Manager

Name: Claire Moran      Signature: CM      Date: 21/08/2024

## 4.8 August 2024 – Kira Childcare

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	20/08/2024	Time: 1:15 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Fletcher Bessant		
Location	Kira Childcare		

Section 2: Conditions		
Wind Speed* (m/s)	9.26	Wind Direction: NNE
Temperature (c)	20.4	Cloud Cover (%): -
Rainfall* (mm)	0	General Conditions: Sunny
Site Characteristics	<ul style="list-style-type: none"><li>- CSP &amp; CFA piling continued</li><li>- Concrete pouring for new driveway</li><li>- Excavators &amp; roller operating</li><li>- Pile trimming</li></ul>	
<i>*Note – monitoring can't be carried out when wind speed is greater than 18mk/hr or during rainfall as per Australian Standard AS 1055.1:1997 - Acoustics - Description and measurement of environmental noise - General Procedures (AS1055.1)</i>		

Section 3: Monitoring Equipment			
Noise Monitor	Protech QM 1589	Calibration Date: 15/07/2024	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	



## Section 4: Results

Predicted LAeq(15)	-	
Item	Result	Result
L1(dBA)	-	-
LAeq(dBA)	62.76	-
LFmax(dBA)	72.9	-
Item	Comments	
What works are occurring?	<div>- Piling</div> <div>- Trimming Piles</div>	
Is construction noise audible?	Yes	
Is extraneous noise present during measurement?	Yes	
Is construction noise the dominant noise source?	No	
Is construction noise high impact or intrusive? If yes, add 5dBA penalty.	No	
Is the measurement compliant with relevant criteria?	Yes	
Other Comments and Observations		
Minute	Minute by Minute dB	Observation
1	61	
2	66.1	
3	62.5	
4	63.7	
5	66.2	
6	65.8	
7	64.9	

8	62.1	
9	64.6	
10	63.6	
11	67.5	
12	63.5	
13	65	
14	63.8	
15	71	Truck pass by

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