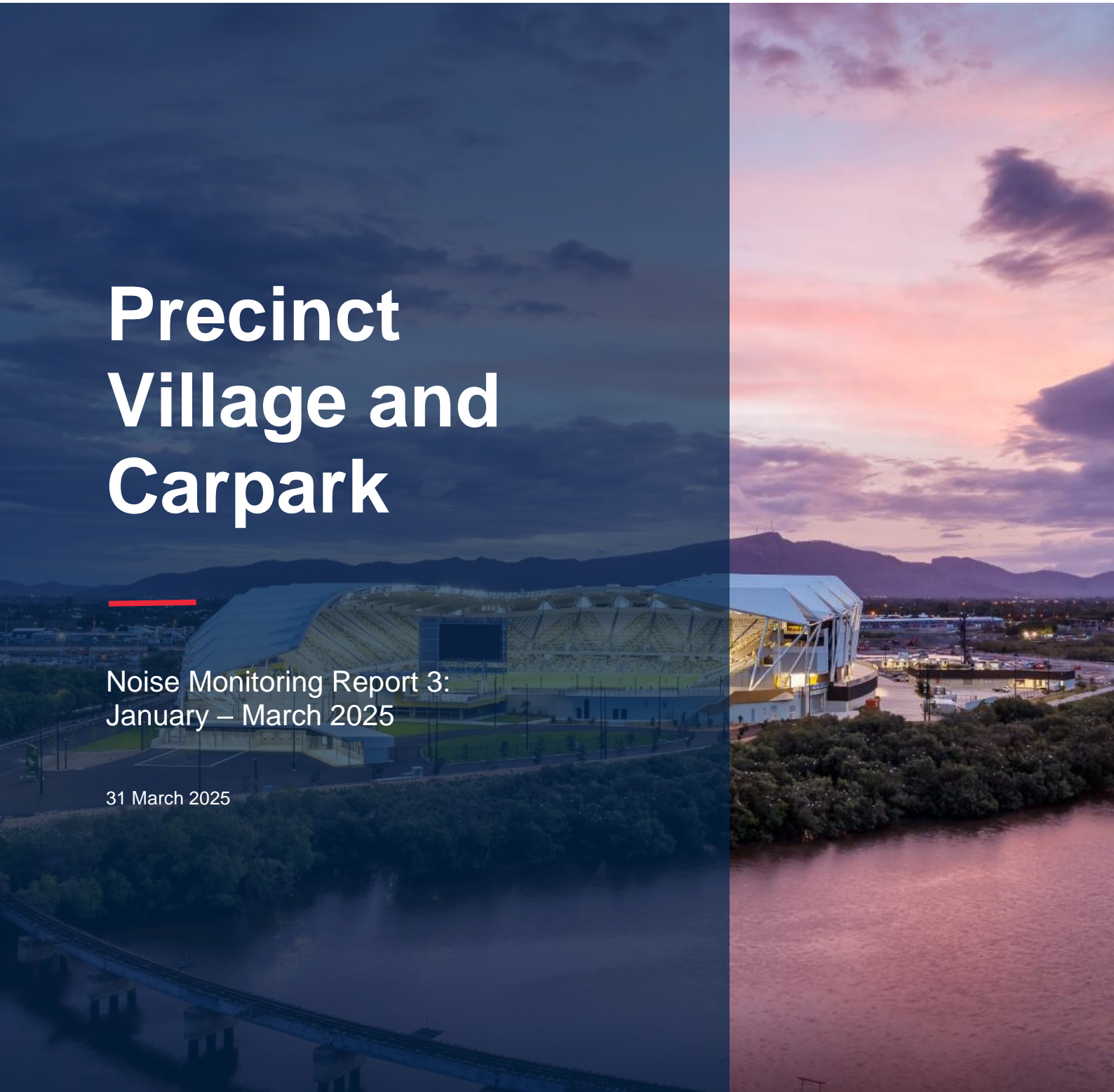


# Precinct Village and Carpark

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Noise Monitoring Report 3:  
January – March 2025

31 March 2025



## *Contents*

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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.



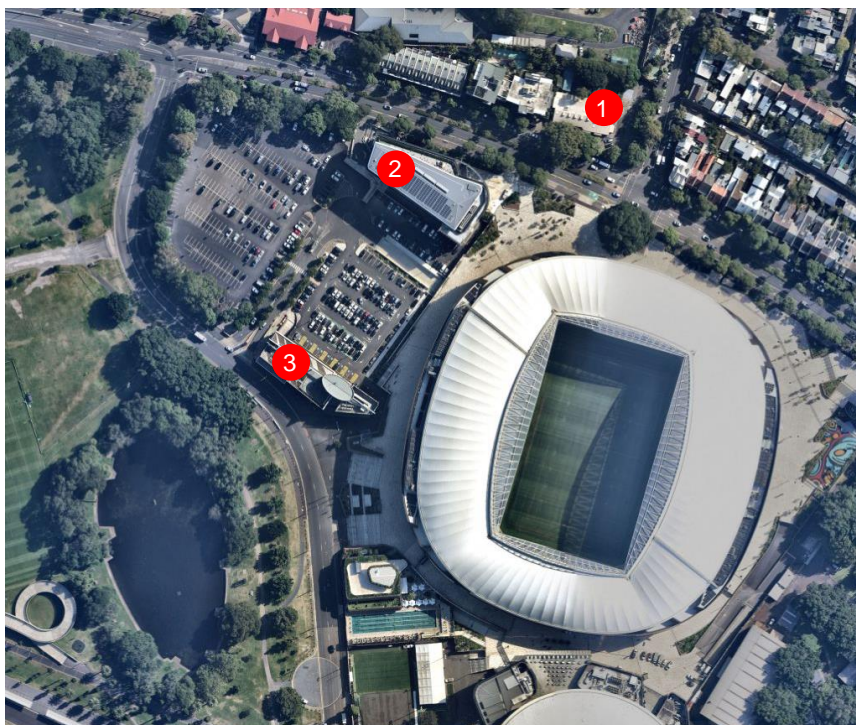
**Table 1 - Noise Catch Areas (NCAs)**

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

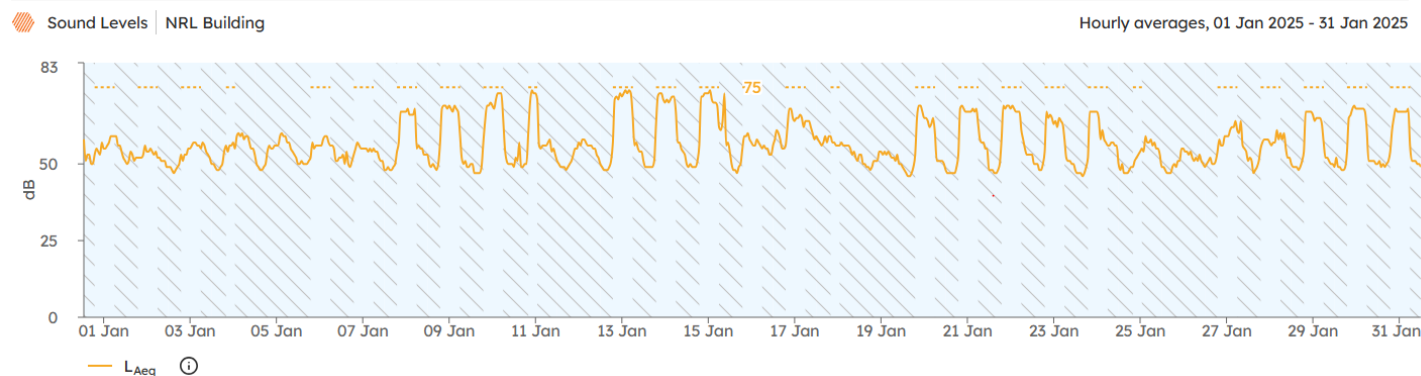
Work during the period consisted of:

- Bulk Excavation
- Sheet Piling
- Installation of Temporary Anchors
- Detail Excavation of inground footings and services

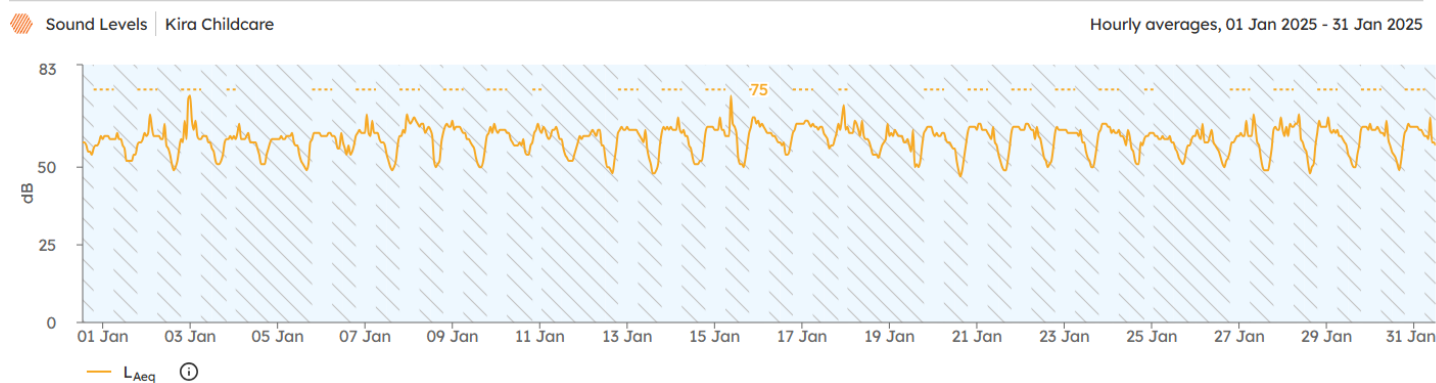
## 2.3 Results

### January 2025

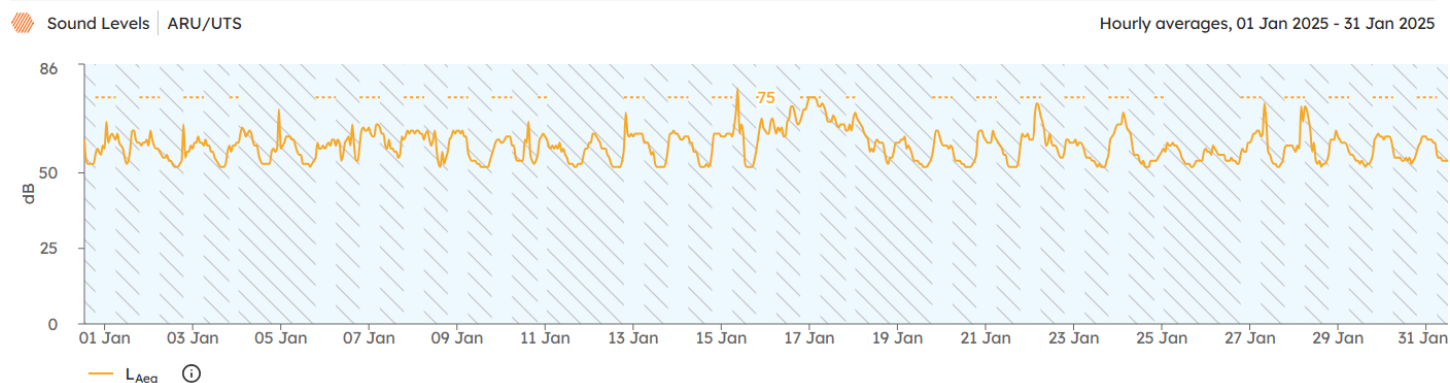
#### NRL Building



#### Kira Childcare

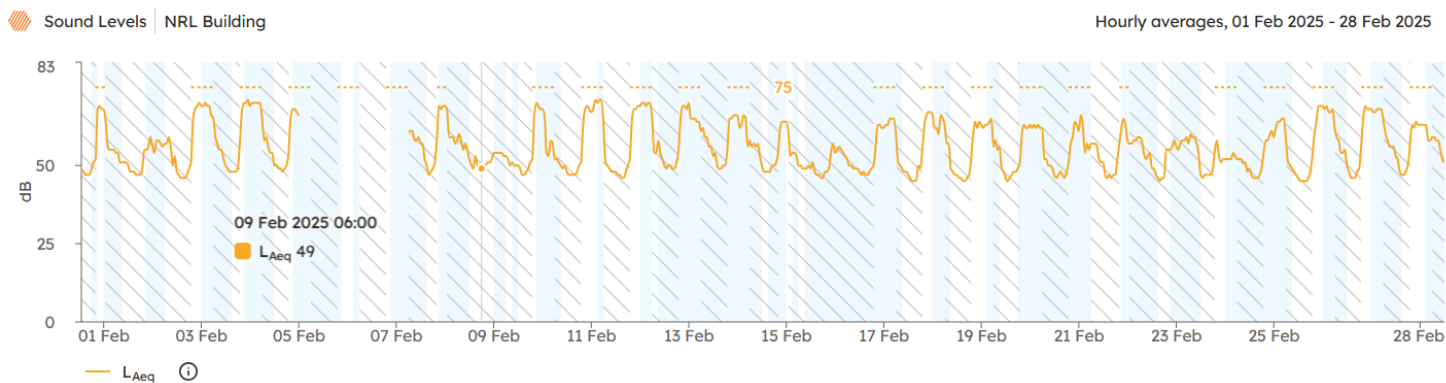


#### ARU/UTS

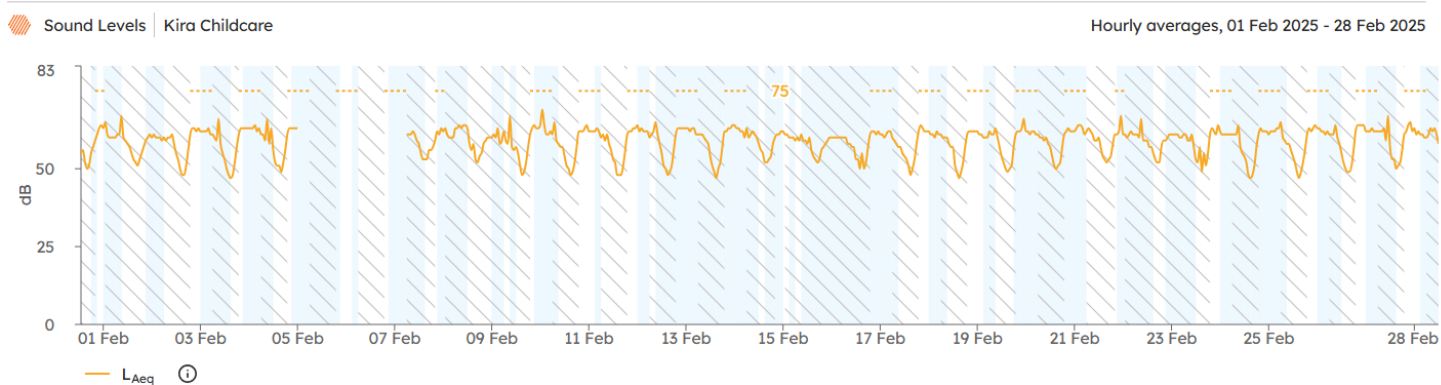


## February 2025

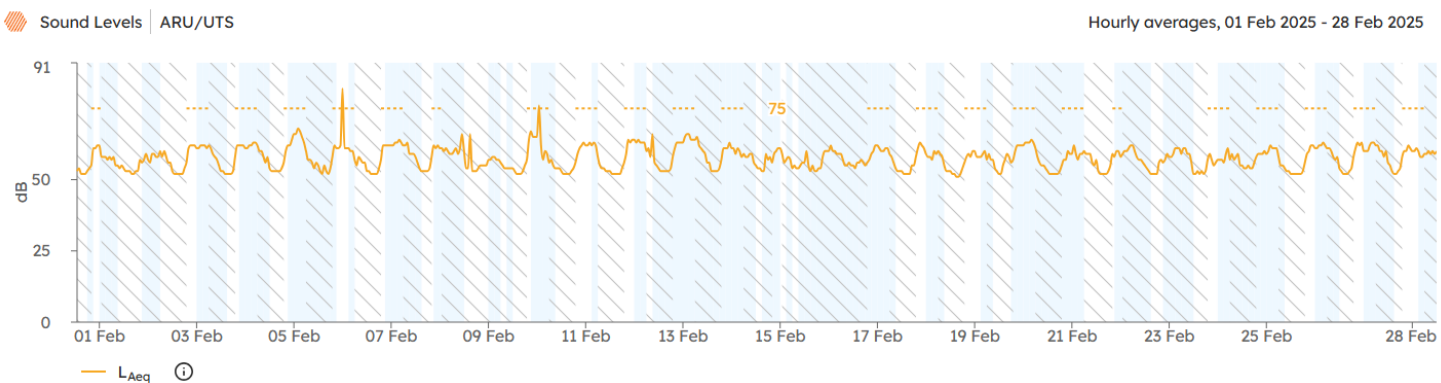
### NRL Building



### Kira Childcare



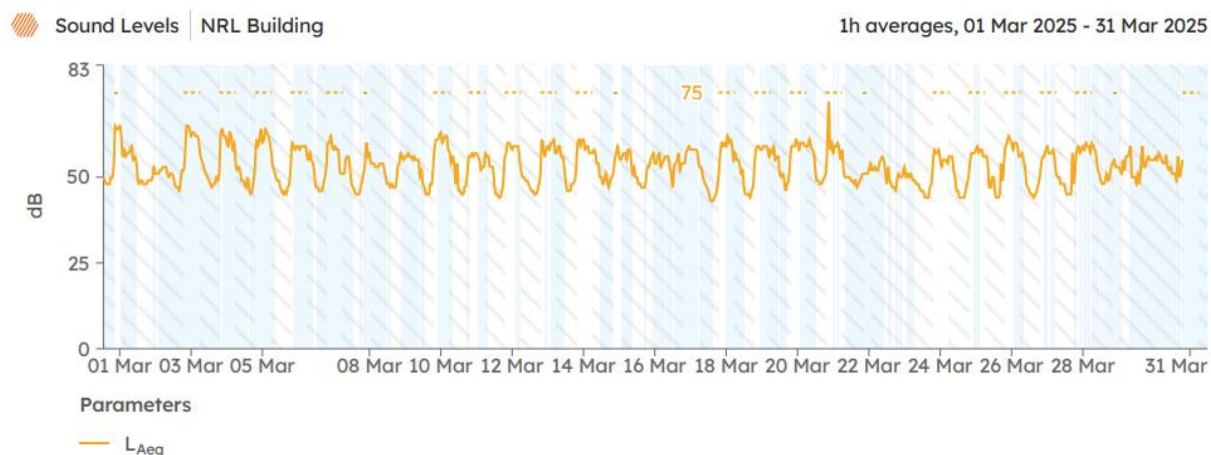
### ARU/UTS



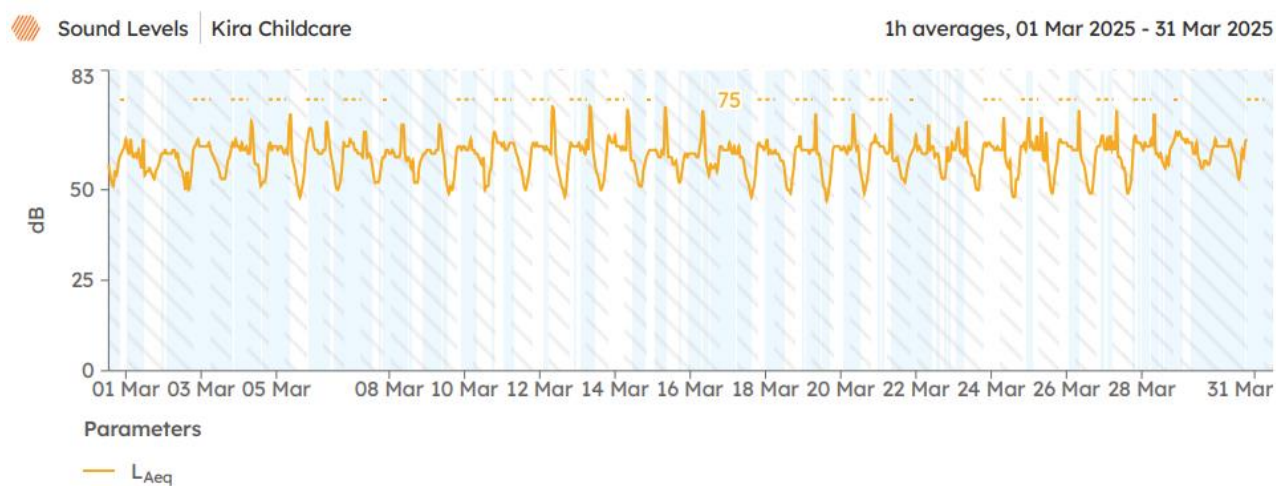


## March 2025

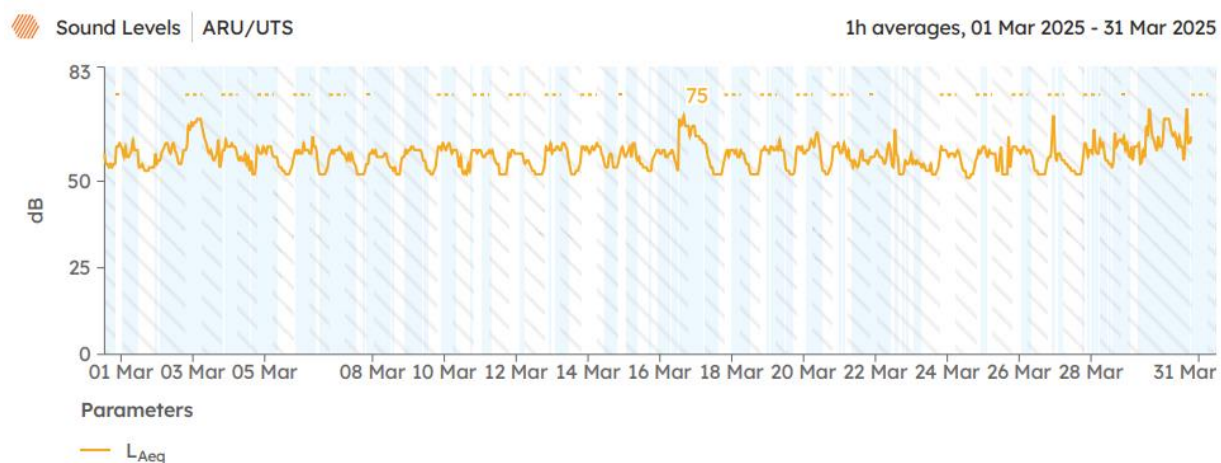
### NRL Building



### Kira Childcare



### ARU/UTS



## 2.4 Discussion

- During the month of February, the ARU/UTS noise monitor recorded an hourly Laeq of 81 on 06/02/25. This was as a result of extraneous noise from nearby birds on the nearby rooftop.
- During the month of February, the ARU/UTS noise monitor recorded an hourly Laeq of 76 on 10/02/25. This was as a result of heavy rain resulting in a false exceedance.
- 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.

## 2.5 Attended Monitoring

Attended monitoring was carried out at 4 locations as below.

Date	Time	Location	Predicted LAeq(15)	Result LFmax(15)	Result LAeq(15)	Monitoring Trigger	Comment
20/01/2025	9:55 AM	ARU/UTS	75	69.4 dBA	60.8 dBA	N/A	Compliant
20/01/2025	10:12 AM	252 MP Rd	75	69.4 dBA	62.2 dBA	N/A	Compliant
20/01/2025	10:45 AM	NRL	75	67.2 dBA	60.4 dBA	N/A	Compliant
20/01/2025	10:29 AM	Kira CC	75	67.8 dBA	60.5 dBA	N/A	Compliant
24/02/2025	12:41 PM	ARU/UTS	75	71.9 dBA	62.2 dBA	N/A	Compliant
24/02/2025	12:06 PM	252 MP Rd	75	71.6 dBA	56.2 dBA	N/A	Compliant
24/02/2025	1:01 PM	NRL	75	78.1 dBA	53.3 dBA	N/A	Compliant
24/02/2025	12:23 PM	Kira CC	75	74.3 dBA	64.0 dBA	N/A	Compliant
18/03/2025	7:59 AM	ARU/UTS	75	58.9 dBA	65.4 dBA	N/A	Compliant
18/03/2025	8:36 AM	252 MP Rd	75	62.9 dBA	71.2 dBA	N/A	Compliant
18/03/2025	8:57 AM	NRL	75	59.8 dBA	68.2 dBA	N/A	Compliant
18/03/2025	8:17 AM	Kira CC	75	64.4 dBA	69.8 dBA	N/A	Compliant

### 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 January 2025 - UTS

Section 1: Inspection Details			
Project	N228 Precinct Village and Carpark, Moore Park		
Date	20/01/2025	Time: 9:55am	
Period (Day, Night, OOH)	Day		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Cate Gehrig		
Location	UTS		

Section 2: Conditions		
Wind Speed* (KM/h)	10 km/h	Wind Direction: South
Temperature (c)	22C	Cloud Cover (%): Nil
Rainfall* (mm)	0	General Conditions: Clear sky, light wind
Site Characteristics	Site Works: <ul style="list-style-type: none"><li>- West Carpark Bulk Excavation and load out</li><li>- West Carpark rock breaking</li><li>- East Carpark spoil movement</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: 20/09/2024
Calibrator	ACU-VIB Electronics	
Field Calibration Before	-	Field Calibration After: -

### Section 4: Results

Predicted LAeq(15)	75
Item	Result
L1(dBA)	-
LAeq(dBA)	60.8 dBA
LFmax(dBA)	69.4 dBA
Item	Comments
What works are occurring?	Site Works: <ul style="list-style-type: none"> <li>- West Carpark Bulk Excavation and load out</li> <li>- West Carpark rock breaking</li> <li>- East Carpark spoil movement</li> </ul>
Is construction noise audible?	No
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	61.1	
2	60.8	
3	61.8	
4	64.2	Nearby Council construction works
5	61.1	
6	59.5	
7	58.7	
8	58.8	
9	60.3	
10	61.7	
11	69.4	Pedestrians walking past
12	61.1	
13	59.4	
14	58.6	
15	56.7	

#### Section 4: Signoff

##### Project / Environment Manager

Name: Nicholas Papanikolaou    Signature: NP    Date: 20/01/25

## 4.2 January 2025 – 252 Moore Park Road

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	20/01/25	Time: 10.12am	
Period (Day, Night, OOH)	Day		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Cate Gehrig		
Location	252 Moore Park Road		

Section 2: Conditions		
Wind Speed* (km/h)	8 km/h	Wind Direction: South
Temperature (c)	22C	Cloud Cover (%): Nil
Rainfall* (mm)	0	General Conditions: Clear sky, light wind
Site Characteristics	Site Works: <ul style="list-style-type: none"><li>- West Carpark Bulk Excavation and load out</li><li>- West Carpark rock breaking</li><li>- East Carpark spoil movement</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: 20/09/2024
Calibrator	ACU-VIB Electronics	
Field Calibration Before	-	Field Calibration After: -

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	
L1(dBA)	-	
LAeq(dBA)	62.2 dBA	
LFmax(dBA)	69.4 dBA	
Item	Comments	
What works are occurring?	Site Works: <ul style="list-style-type: none"><li>- West Carpark Bulk Excavation and load out</li><li>- West Carpark rock breaking</li><li>- East Carpark spoil movement</li></ul>	
Is construction noise audible?	No	
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	69.4	Vehicles passing
2	62.2	
3	64.1	
4	67.2	Vehicles passing

5	63.2	
6	62.8	
7	64.5	
8	56.6	
9	59.7	
10	55.8	
11	65.6	Vehicles passing
12	55.4	
13	61.3	
14	60.9	Vehicles passing
15	65.2	Vehicles passing

**Section 4: Signoff****Project / Environment Manager**

Name: Nicholas Papanikolaou   Signature: NP   Date: 20/01/2025



## 4.3 January 2025 - NRL

Section 1: Inspection Details			Form Number: 1
Project	N228 Precinct Village and Carpark, Moore Park		
Date	20/01/25	Time: 10:45	
Period (Day, Night, OOH)	Day		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Cate Gehrig		
Location	NRL		

Section 2: Conditions		
Wind Speed* (km/h)	11.1 km/h	Wind Direction: ESE
Temperature (c)	22C	Cloud Cover (%): Nil
Rainfall* (mm)	0	General Conditions: Clear sky
Site Characteristics	Site Works: <ul style="list-style-type: none"><li>- West Carpark Bulk Excavation and load out</li><li>- West Carpark rock breaking</li><li>- East Carpark spoil movement</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: 20/09/2024
Calibrator	ACU-VIB Electronics	
Field Calibration Before	-	Field Calibration After: -

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	-
LAeq(dBA)	60.4 dBA	-
LFmax(dBA)	67.2 dBA	-
Item	Comments	
What works are occurring?	Site Works: <ul style="list-style-type: none"><li>- West Carpark Bulk Excavation and load out</li><li>- West Carpark rock breaking</li><li>- East Carpark spoil movement</li></ul>	
Is construction noise audible?	No	
Is extraneous noise present during measurement?	Yes – vehicles and pedestrians	
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	60.8	
2	61.3	
3	59.8	
4	67.2	

5	58.1	
6	60.3	
7	63.2	Pedestrians passing by
8	58.1	
9	56.4	
10	62.7	Motor vehicles passing by
11	55.3	
12	66.1	Motor vehicles and pedestrians passing by
13	59.3	
14	57.1	
15	61.1	

**Section 4: Signoff****Project / Environment Manager**

Name: Nicholas Papanikolaou    Signature: NP    Date: 20/01/2025

## 4.4 January 2025 – Kira Child Care

Section 1: Inspection Details			Form Number: 1
Project	N228 Precinct Village and Carpark, Moore Park		
Date	20/01/25	Time: 10:29am	
Period (Day, Night, OOH)	Day		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Cate Gehrig		
Location	Kira Child Care		

Section 2: Conditions		
Wind Speed* (km/h)	11.1 km/h	Wind Direction: S
Temperature (c)	22 C	Cloud Cover (%): Nil
Rainfall* (mm)	0	General Conditions: Clear sky, light wind
Site Characteristics	Site Works: <ul style="list-style-type: none"><li>- West Carpark Bulk Excavation and load out</li><li>- West Carpark rock breaking</li><li>- East Carpark spoil movement</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: 20/09/2024
Calibrator	ACU-VIB Electronics	
Field Calibration Before	-	Field Calibration After: -



Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	
L1(dBA)	-	
LAeq(dBA)	60.5 dBA	
LFmax(dBA)	67.8 dBA	
Item	Comments	
What works are occurring?	Site Works: <ul style="list-style-type: none"><li>- West Carpark Bulk Excavation and load out</li><li>- West Carpark rock breaking</li><li>- East Carpark spoil movement</li></ul>	
Is construction noise audible?	No	
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	61.8	
2	60.7	
3	67.8	Motor vehicles passing by
4	56.7	

5	61.3	
6	58.4	
7	60.2	
8	65.9	Motor vehicles passing by
9	64.6	Motor vehicles passing by
10	59.3	Motor vehicles passing by
11	58.2	
12	58.5	
13	55.7	
14	60.4	
15	57.9	

**Section 4: Signoff****Project / Environment Manager**

Name: Nicholas Papanikolaou   Signature: NP   Date: 20/01/2025

## 4.5 February 2025 - UTS

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	24/02/2025	Time: 12:41	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	India Hearne		
Location	ARU/UTS		

Section 2: Conditions		
Wind Speed* (km/h)	31	Wind Direction: S
Temperature (c)	24	Cloud Cover (%):20
Rainfall* (mm)	0	General Conditions: Scattered clouds
Site Characteristics	<ul style="list-style-type: none"><li>- Detail excavation west carpark</li><li>- Bulk excavation &amp; haul out west car park</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:	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	62.2	
LFmax(dBA)	71.9	
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Detail excavation west carpark</li><li>- Bulk excavation &amp; haul out west car park</li></ul>	
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	66.5	
2	71.6	Car pass by
3	70.5	Car pass by
4	65.9	
5	78.3	Motorbike pass by
6	66.9	



7	71.2	Truck pass by
8	62.2	
9	66.6	
10	64.2	
11	62.9	
12	71.5	Car pass by
13	71.9	Truck pass by
14	71.2	Car pass by
15	70.1	Car pass by

#### Section 4: Signoff

##### Project / Environment Manager

Name: Nicholas Papanikolaou    Signature: NP    Date: 24/02/2025

## 4.6 February 2025 – 252 Moore Park Road

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	24/02/2025	Time: 12:06 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	India Hearne		
Location	252 Moore Park Rd		

Section 2: Conditions		
Wind Speed* (km/h)	31	Wind Direction: S
Temperature (c)	24	Cloud Cover (%): 30
Rainfall* (mm)	0	General Conditions: Scattered clouds
Site Characteristics	<ul style="list-style-type: none"><li>- Detail excavation west carpark</li><li>- Bulk excavation &amp; haul out west carpark</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:	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	56.2	
LFmax(dBA)	71.6	
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Detail excavation west carpark</li><li>- Bulk excavation &amp; haul out west carpark</li></ul>	
Is construction noise audible?	No	
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	71.6	Truck pass by
2	62.9	
3	56.2	
4	63.9	
5	58.9	
6	64.1	

7	71.3	Truck pass by
8	68.5	Car pass by
9	67.5	Car pass by
10	67.7	Car pass by
11	67.5	Car pass by
12	56.2	
13	67.4	Car pass by
14	71.6	Truck pass by
15	69.9	Truck pass by

**Section 4: Signoff****Project / Environment Manager**

Name: Nicholas Papanikolaou    Signature: NP    Date: 24/02/2025

## 4.7 February 2025 - NRL

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	24/02/2025	Time: 01:01 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	India Hearne		
Location	NRL		

Section 2: Conditions		
Wind Speed* (km/h)	31	Wind Direction: S
Temperature (c)	23	Cloud Cover (%):20
Rainfall* (mm)	0	General Conditions: Scattered clouds
Site Characteristics	<ul style="list-style-type: none"><li>- Detail excavation west carpark</li><li>- Bulk excavation &amp; haul out west carpark</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:	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	53.3	
LFmax(dBA)	78.1	
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Detail excavation west carpark</li><li>- Bulk excavation &amp; haul out west carpark</li></ul>	
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	54.9	
2	70.9	Gust of wind
3	69.9	Car pass by
4	53.3	
5	54.7	
6	63.3	Car pass by

7	59.8	
8	69.9	Gust of wind & Car pass by
9	68.3	Car pass by
10	58.9	
11	78.1	Gust of wind
12	64.3	
13	60.5	
14	61.9	
15	64.1	

**Section 4: Signoff****Project / Environment Manager**

Name: Nicholas Papanikolaou    Signature: NP    Date: 24/02/2025



## 4.8 February 2025 – Kira Childcare

### Section 1: Inspection Details

Project	N228 Precinct Village and Carpark, Moore Park		
Date	24/02/2025	Time: 12:23 PM	
Period	Midday		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	India Hearne		
Location	Kira Childcare		

### Section 2: Conditions

Wind Speed* (km/h)	31	Wind Direction: S
Temperature (c)	24	Cloud Cover (%): 20
Rainfall* (mm)	0	General Conditions: Scattered clouds
Site Characteristics	<ul style="list-style-type: none"><li>- Detail excavation west carpark</li><li>- Bulk excavation &amp; haul out west carpark</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

<b>Noise Monitor</b>	Protech QM 1589	<b>Calibration Date:</b>
<b>Calibrator</b>	ACU-VIB Electronics	<b>Calibration Date:</b>
<b>Field Calibration Before</b>	-	<b>Field Calibration After: -</b>

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	64.0	
LFmax(dBA)	74.3	
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Detail excavation west carpark</li><li>- Bulk excavation &amp; haul out west carpark</li></ul>	
Is construction noise audible?	No	
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	64.0	
2	67.2	Car pass by
3	67.6	Car pass by
4	68.2	Truck pass by
5	67.4	Car pass by
6	66.5	Car pass by

7	68.1	Truck pass by
8	65.8	Car pass by
9	65.0	
10	65.70	Car pass by
11	74.3	Truck pass by
12	64.2	Car pass by
13	66.3	Truck pass by
14	69.0	Car pass by
15	63.9	

#### Section 4: Signoff

##### Project / Environment Manager

Name: Nicholas Papanikolaou    Signature: NP    Date: 24/02/2025

## 4.9 March 2025 – UTS

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	18/03/2025	Time:07:59 AM	
Period	Morning		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Simone Papaioannou & Cate Gehrig		
Location	UTS		

Section 2: Conditions		
Wind Speed* (km/h)	13km/h	Wind Direction: WNW
Temperature (c)	15.8C	Cloud Cover (%):0
Rainfall* (mm)	0	General Conditions: Clear skies
Site Characteristics	-	
*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:	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	71.9	
LFmax(dBA)	65.4	
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Heavy student thoroughfare</li><li>- Automatic doors</li></ul>	
Is construction noise audible?	No	
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	60.3	Automatic Door & Pedestrians
2	65	Automatic Door & Pedestrians
3	60.5	Automatic Door & Pedestrians
4	60.6	Automatic Door & Pedestrians
5	54.3	Automatic Door & Pedestrians

6	58.8	
7	56.7	
8	58.1	
9	56.2	
10	65.4	Automatic Door & Pedestrians
11	59.9	
12	56.6	
13	59.5	
14	53.7	
15	58	

**Section 4: Signoff****Project / Environment Manager**

Name: Nicholas Papanikolaou    Signature: NP    Date: 18.03.25

## 4.10 March 2025 – 252 Moore Park Road

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	18/03/2025	Time: 08:36 AM	
Period	Morning		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Simone Papaioannou & Cate Gehrig		
Location	252 Moore Park Rd		

Section 2: Conditions			
Wind Speed* (km/h)	13km/h	Wind Direction: WNW	
Temperature (c)	15.8C	Cloud Cover (%):	-
Rainfall* (mm)	0	General Conditions: Clear skies	
Site Characteristics			
*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:	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	



Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	62.9	
LFmax(dBA)	71.2	
Item	Comments	
What works are occurring?	<div>- Heavy Traffic</div> <div>- Motorbikes and trucks passing by</div>	
Is construction noise audible?	No	
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	71.2	Trucks passing by
2	59.5	
3	69.4	
4	57	
5	57.8	

6	57.3
7	63.5
8	56.9
9	66.7
10	65.4
11	63.5
12	55.3
13	64.1
14	67.3
15	68.7

**Section 4: Signoff****Project / Environment Manager**

Name: Nicholas Papanikolaou    Signature: NP    Date: 18.03.25

## 4.11 March 2025 – NRL

Section 1: Inspection Details		Form Number: 1	
Project	N228 Precinct Village and Carpark, Moore Park		
Date	18/03/2025	Time: 08:57 AM	
Period	Morning		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Simone Papaioannou & Cate Gehrig		
Location	NRL building		

Section 2: Conditions		
Wind Speed* (km/h)	13km/h	Wind Direction: WNW
Temperature (c)	15.8C	Cloud Cover (%): -
Rainfall* (mm)	0	General Conditions: Clear skies
Site Characteristics		
*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:	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	59.8	
LFmax(dBA)	68.2	
Item	Comments	
What works are occurring?	<div>- Public Thoroughfare</div> <div>- Cars, trucks and planes</div>	
Is construction noise audible?	No	
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	66.2	
2	58.9	
3	53.9	
4	57.4	
5	62.3	
6	62.3	

7	68.2
8	62.6
9	58.5
10	56.3
11	59.5
12	57.1
13	60.5
14	54.5
15	58.6

#### Section 4: Signoff

##### Project / Environment Manager

Name: Nicholas Papanikolaou    Signature: NP    Date: 18.03.25

## 4.12 March 2025 – Kira Childcare

Section 1: Inspection Details			Form Number: 1
Project	N228 Precinct Village and Carpark, Moore Park		
Date	18/03/2025	Time: 08:17 AM	
Period	Morning		
Monitoring Type	Complaint:	Verification: X	Periodic:
Monitoring Conducted by	Simone Papaioannou & Cate Gehrig		
Location	Kira Childcare		

Section 2: Conditions		
Wind Speed* (km/h)	13km/h	Wind Direction: WNW
Temperature (c)	15.8C	Cloud Cover (%): -
Rainfall* (mm)	0	General Conditions: Clear skies
Site Characteristics		
*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:	
Calibrator	ACU-VIB Electronics	Calibration Date:	
Field Calibration Before	-	Field Calibration After: -	

Section 4: Results		
Predicted LAeq(15)	75	
Item	Result	Result
L1(dBA)	-	
LAeq(dBA)	64.4	
LFmax(dBA)	69.8	
Item	Comments	
What works are occurring?	<ul style="list-style-type: none"><li>- Reversing trucks</li><li>- Public thoroughfare</li><li>- Traffic</li></ul>	
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	67.7	Reversing Truck
2	57.7	
3	69.5	Cars
4	70.5	Dog Barking
5	67.1	Dog Barking



6	69.8	Dog Barking
7	62.9	Dog Barking
8	62	Dog Barking
9	62	Dog Barking
10	60.8	Dog Barking
11	65.4	Dog Barking
12	68.1	Dog Barking
13	58.8	Dog stopped barking
14	58.4	
15	65.4	Traffic

**Section 4: Signoff****Project / Environment Manager**

Name: Nicholas Papanikolaou    Signature: NP    Date: 18.03.25